75th Annual Meeting of The Korean Urological Association

Enhancing Urology with Expertise, Innovation and Passion

1 Wed. — 4 Sat.
November, 2023
COEX, Seoul, Korea

The Korean Urological Association
Foundation for Korean Urological Association

well balanced selectivity HAD¹²

References:
과민성방광 1차 치료제

“미라벡으로 시작하세요”

미라벡서방정 50mg

(미라베타곤)

- 우수한 증상 개선 효과
- 항우스카린제 대비 이상반응 감소
- 우수한 치료 지속도/삶의 질 개선

한미약품

References
Be Visionary

Innovation That Grows With You

- 4K, 3D and IR All-in-One System
- Multi-Specialty Video Processor
- Upgradable functions via software upgrade

Created to accelerate procedures and learning curves for improved patient outcome. VISERA ELITE III is the endoscopic imaging system with future-proof software upgrades and technology that allows you to focus on your procedures, while significantly reducing future costs.

OLYMPUS KOREA CO., LTD.

Majeestar Molly Tower One 3F, 12, Gecho-daero 38-gil Gecho-gu, Seoul, 06655, Republic of Korea
함께 하기로 약속한 손녀의 6살 생일
누군가에게 일상이지만, 누군가에게 간절한 미래
일상으로 돌아갈 수 있다는 약속*
Before performing any clinical procedure utilizing the da Vinci Surgical System, physicians are responsible for receiving sufficient education, training, guidance and supervision offered by Intuitive Surgical, to ensure that they have the skill and experience necessary to protect the health and safety of the patient. However, Intuitive Surgical only trains on the use of the da Vinci Surgical System, not medical knowledge. For technical information, including full cautions and warnings on using the da Vinci System, please refer to the system user manual. Read all instructions carefully. Failure to follow instructions, notes, cautions, warnings and danger messages may lead to serious injury or complications for the patient.

© 2018 Intuitive Surgical, Inc. All rights reserved. Product names are trademarks or registered trademarks of their respective holders. PNT050105-KR Rev A 08/18
Long term partner in prostate cancer,
JANSSEN ONCOLOGY

EXTENDED BETTER LIFE™
with Zytiga®
abiraterone acetate
다양한 연령대의 중년 남성 BPH 치료에 프로스카로 선택해주세요!

✔ 파란 사과 모양의 필름코팅정제
✔ Type 2 5AR만을 선택적으로 억제
✔ BPH 치료 목적으로 1992년 FDA 승인된 최초의 경구용 5ARI

 studying the efficacy of testosterone therapy.

References

프로스카는

PROSCAR (finasteride) SAR: 5α-reductase inhibitor, SAR: selective SAR, RAR: Food and Drug Administration
새로운 성분(Vibegron)의
beta3 Agonist Beova® Tab 50mg (Vibegron)

베타비오강(vibegron)은
β3 아드레날린 수용체 작용제로 β1 또는 β2에 비해
β3 아드레날린 수용체에 9,000배 이상 선택적입니다.¹
한국인 과민성 방광 핑.private을 유발하거 감소시킬 수 있습니다.²⁻³
상용량의 4배, 8배 용량에서 QT 간격에 영향이 없습니다.⁴⁻⁵

Reference
1. 베타비오강 복용 지침서 Data on file.
3. 베타비오강 국내 병원지시서. Available at https://medpix.mfds.go.kr/po/pcc/CCBB01/getItemDetailsItemSeq=20223861 Accessed 02Jan2023
A Revolution in Transurethral Treatment Concepts
Bipolar Treatment Concepts from KARL STORZ

Bipolar Enucleation

- Economical solution for enucleation of the prostate
- Efficiency comparable to Laser enucleation
- Convenient addition to your treatment portfolio
- UNIDRIVE® S III and S-PILOTS - your combination for morcellation: The S-PILOT® vacuum control unit offers the choice between using the KARL STORZ vacuum pump or the central suction system
Dear Colleagues and Friends:  
Greetings from the Republic of Korea.

I am honored and pleased to invite you all to attend the 75th Annual Meeting of the Korean Urological Association, which will be held on November 1-4, 2023 at COEX in Seoul.

This year’s meeting is an international conference, and our academic committee has prepared not-to-be missed academic programs covering all urology subspecialties. Please feel free to explore the entire program of groundbreaking research and the latest evidence-based advances in urology practice, delivered by globally outstanding researchers.

The programming highlights of this year’s Annual Meeting of the Korean Urological Association include plenary sessions, satellite luncheon symposiums, semi-live surgery sessions, meet-the-expert sessions, instructional courses, poster/podium/video sessions, special programs for residents and nurses, including ultrasound and urodynamics hands-on courses, nurse forums, and many more.

I would like to express my deepest gratitude to the committee members and staff for their hard work preparing for these academic activities.

Lastly, I sincerely hope that many members and nurses can mark their calendars for this event. I look forward to seeing you all at this year’s Korean Urological Association Annual Meeting.

Sincerely,

Jun Hyuk Hong, M.D., Ph.D.  
President  
The Korean Urological Association
75th Annual Meeting of The Korean Urological Association

Organizing Committee

President
Jun Hyuk Hong

Honorary President
Hyeon Hoe Kim

Vice President
Young Goo Lee

Vice President
Kyu Sun Cho

Vice President
Joon Hwa Noh

Vice President
Sun-Ouck Kim

Secretary General
Byong Chang Jeong

Director of Insurance Committee
Kwan Joong Joo

Director of Insurance Committee
Jun Hyun Han

Director of Academic Committee
Seok Ho Kang

Director of Planning Committee
Seung Il Jung

Director of Research Committee
Dong Gil Shin

Director of Education and Training Committee
Kwanjin Park

Director of Board Examination Committee
Woong Kyu Han

Director of International Relations Committee
Sung Kyu Hong

Director of Legislation Committee
Phil Hyun Song

Director of Finance Committee
Tae-Hwan Kim

Director of Public Relations Committee / Spokesperson
Hyun Jun Park

Director of Information and Public Media Committee
Jae Young Joung

Director of the Publication Committee
Myung Ki Kim

Director of Women’s Policy Committee
Mimi Oh

Director of External Affairs
In Gab Jeong

Director of Committee for Training Program Reform and Policy Development
Seung Hwan Lee

Director of Private Clinic Development
Yongwoo Kim

Director of Clinical Practice Guideline Committee
Yong-June Kim
<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Director of Compulsory Medical Care Committee</td>
<td>Jae Young Park</td>
</tr>
<tr>
<td>Director of Ethics Committee</td>
<td>U-Syn Ha</td>
</tr>
<tr>
<td>Director of Elderly Healthcare Committee</td>
<td>Tae Hyo Kim</td>
</tr>
<tr>
<td>Director of Urological Endoscopy Certification Committee</td>
<td>Byoung Kyu Han</td>
</tr>
<tr>
<td>Director of Hospital-Clinic Mutual Relations Committee</td>
<td>Sung Won Lee</td>
</tr>
<tr>
<td>Editor in Chief, Investigative and Clinical Urology</td>
<td>Kwangsung Park</td>
</tr>
<tr>
<td>Deputy Secretary General</td>
<td>Sang Hoon Song</td>
</tr>
<tr>
<td>Deputy Secretary General</td>
<td>Hyun Hwan Sung</td>
</tr>
<tr>
<td>Deputy Secretary General</td>
<td>Jin Kyu Oh</td>
</tr>
<tr>
<td>Deputy Secretary General</td>
<td>Dae Hee Kim</td>
</tr>
<tr>
<td>Director of Future Strategy Committee</td>
<td>Hwancheol Son</td>
</tr>
<tr>
<td>Director of Research &amp; Development Committee</td>
<td>Young Ho Kim</td>
</tr>
<tr>
<td>Director of the Textbook Issue Committee</td>
<td>Choung-Soo Kim</td>
</tr>
<tr>
<td>Auditor</td>
<td>Moon Ki Jo</td>
</tr>
<tr>
<td>Auditor</td>
<td>Seok Joong Yun</td>
</tr>
<tr>
<td>Foundation General Secretary</td>
<td>Kyung Hyun Moon</td>
</tr>
<tr>
<td>Foundation Vice General Secretary</td>
<td>Taek Sang Kim</td>
</tr>
<tr>
<td>Foundation Vice General Secretary</td>
<td>Jae Heon Kim</td>
</tr>
<tr>
<td>Foundation Vice General Secretary</td>
<td>Hong Chung</td>
</tr>
<tr>
<td>Foundation Auditor</td>
<td>Seong Il Seo</td>
</tr>
<tr>
<td>Foundation Auditor</td>
<td>Hong Seok Park</td>
</tr>
</tbody>
</table>
Scientific Program Committee

Chair
Seok Ho Kang

Vice Chair
Jong Wook Kim

Members
Bum Soo Kim

Members
Jung Kwon Kim

Members
Tae Nam Kim

Members
Hyung Suk Kim

Members
Min Gu Park

Members
Jinsung Park

Members
Seokhwan Bang

Members
Hye Jin Byun

Members
Hyun Hwan Sung

Members
Hee Jo Yang

Members
Kyung Jin Oh

Members
Yong Seung Lee

Members
Jun Nyung Lee

Members
Bumjin Lim

Members
Seong Jin Jeong

Members
Hae Do Jung

Members
Kang Su Cho

Members
Min Chul Cho

Members
Young Hyo Choi

Session Directors

Plenary
Kang Su Cho

Semi Live Surgery
Tae Nam Kim

Abstract
Jinsung Park

Meet the expert
Min Chul Cho

Thematic session
Jung Kwon Kim
Online Streaming Services

KUA 2023 offers online streaming for the following 4 programs. Online streaming sessions.

1. Plenary Session 1~3  
2. Thematic Session 1~2  
3. Semi Live Surgery 1~3  
4. KUA-AUA Review Course

You can watch online by scanning the QR code below.

KUA 2023 Virtual Metaverse

Some lectures and booth exhibitions of the KUA 2023 academic conference can be found on Metaverse.

Please experience the KUA 2023 Virtual metaverse by scanning the QR code below.

KUA 2023 Photo Booth Coupon

- Where to use: Booth Exhibition 101+102  
- 2 Thu. ~ 3 Fri., November

Create a special memory by taking a photo with the photo coupon that you received when you picked up your name tag.

KUA 2023 Souvenir Drawing Event

- Where to use: Booth Exhibition 101+102  
- 2 Thu. ~ 3 Fri., November

Try your luck with the coupon you received when you picked up your name tag.

Don’t miss your chance to win KUA 2023’s special souvenir!
# Program at a Glance

**DAY 1**  Wed., November

<table>
<thead>
<tr>
<th>Time</th>
<th>Room A</th>
<th>Room B</th>
<th>Room C</th>
<th>Room D</th>
<th>Room E2</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:00-</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Registration (IF Registration Desk)</td>
</tr>
<tr>
<td>09:00-10:00</td>
<td>Session 1</td>
<td>Faculty CME</td>
<td>Basic CME</td>
<td>Ultrasound Hands-on Course for Urology Residents (Hands-on)</td>
<td></td>
</tr>
<tr>
<td>10:00-12:00</td>
<td>Satellite Luncheon Symposium 1</td>
<td>Satellite Luncheon Symposium 2</td>
<td>Satellite Luncheon Symposium 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12:00-13:00</td>
<td>Thematic Session 1</td>
<td>Podium Session 1</td>
<td>Video Session 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>13:00-14:00</td>
<td></td>
<td>Podium Session 2</td>
<td>Podium Session 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>14:00-15:00</td>
<td></td>
<td>Podium Session 4</td>
<td>Podium Session 5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15:00-16:00</td>
<td></td>
<td>Podium Session 6</td>
<td>Podium Session 7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>16:00-17:00</td>
<td></td>
<td>KUA Board Meeting</td>
<td>KUA Board Meeting</td>
<td></td>
<td></td>
</tr>
<tr>
<td>17:00-17:30</td>
<td></td>
<td>KUA Presidential Dinner (*Invited Only) (Rm. 103)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>17:30-</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>09:00-17:30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>E-Poster Display (206A / 2F DID / Online)</td>
</tr>
<tr>
<td>Time</td>
<td>Room A</td>
<td>Room B</td>
<td>Room C</td>
<td>Room D</td>
<td>Room E1</td>
</tr>
<tr>
<td>---------</td>
<td>--------</td>
<td>--------</td>
<td>--------</td>
<td>--------</td>
<td>---------</td>
</tr>
<tr>
<td>07:50-08:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Booth Opening Ceremony</td>
</tr>
<tr>
<td>08:00-09:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Meet the Expert 1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Meet the Expert 2</td>
</tr>
<tr>
<td>09:00-09:30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Opening Ceremony</td>
</tr>
<tr>
<td>09:30-10:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Plenary Session 2</td>
</tr>
<tr>
<td>10:00-10:30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Podium Session 8 Basic Research - Cancer</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Podium Session 9 Cancer - Bladder, Pelvis, Ureter &amp; Others</td>
</tr>
<tr>
<td>10:30-11:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Podium Session 10 Incontinence &amp; Female Urology &amp; Neurology</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Podium Session 11 Infections &amp; Geriatrics</td>
</tr>
<tr>
<td>11:00-11:30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Quiz Competition for Residents</td>
</tr>
<tr>
<td>11:30-12:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Press Conference</td>
</tr>
<tr>
<td>12:00-12:30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Satellite Luncheon</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Symposium 4</td>
</tr>
<tr>
<td>12:00-12:30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Satellite Luncheon</td>
</tr>
<tr>
<td>13:00-14:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Thematic Session 2</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Podium Session 12 Pediatrics</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Video Session 2</td>
</tr>
<tr>
<td>14:00-15:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Podium Session 13 Infertility &amp; Sexual Dysfunction</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Podium Session 14 Cancer - Prostate</td>
</tr>
<tr>
<td>15:00-16:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Semi Live Surgery 2</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Podium Session 15 Endourology &amp; Stone Disease</td>
</tr>
<tr>
<td>16:00-17:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Podium Session 17 Cancer - Prostate</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Podium Session 18 LUTS/BPH</td>
</tr>
<tr>
<td>07:50-17:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>E-Poster Display</td>
</tr>
</tbody>
</table>

Notes:
- **Booth Opening Ceremony**: 0F, Lobby
- **KUA Subspeciality Leadership Meeting**: Breakfast
- **Meet the Expert 1**: Sun Il Kim
- **Meet the Expert 2**: Kun Suk Kim
- **Podium Session 8**: Basic Research - Cancer
- **Podium Session 9**: Cancer - Bladder, Pelvis, Ureter & Others
- **Podium Session 10**: Incontinence & Female Urology & Neurology
- **Podium Session 11**: Infections & Geriatrics
- **Podium Session 12**: Pediatrics
- **Podium Session 13**: Video Session
- **Podium Session 14**: Cancer - Prostate
- **Podium Session 15**: Endourology & Stone Disease
- **Podium Session 16**: Cancer - Prostate
- **Podium Session 17**: Cancer - Prostate
- **Podium Session 18**: LUTS/BPH

**Additional Events**:
- **Satellite Luncheon Symposium 3**
- **Satellite Luncheon Symposium 4**
- **Satellite Luncheon Symposium 5**
- ** осе Model Display**
- **Press Conference**
- **Women's Policy Workshop**
- **KUOS Editorial board meeting**
- **Female Urologist Social Meeting**
- **KUA Textbook Compilation Committee**

**Time spans**:
- 07:50-08:00
- 08:00-09:00
- 09:00-09:30
- 09:30-10:00
- 10:00-10:30
- 10:30-11:00
- 11:00-11:30
- 11:30-12:00
- 12:00-12:30
- 12:30-13:00
- 13:00-14:00
- 14:00-15:00
- 15:00-16:00
- 16:00-17:00
**Program at a Glance**

**D A Y 3**  3 Fri., November

<table>
<thead>
<tr>
<th>Room A</th>
<th>Room B</th>
<th>Room C</th>
<th>Room D</th>
<th>Room E1</th>
<th>Room E2</th>
</tr>
</thead>
<tbody>
<tr>
<td>103</td>
<td>201</td>
<td>202+203</td>
<td>205A+B</td>
<td>209A</td>
<td>209B</td>
</tr>
</tbody>
</table>

**06:20-**

**Uro Fun Run** (5km City Run) - Gather at COEX Conference Hall and Start running

**08:00-09:00**

Meet the Expert 3  
Seung-Ju Lee

Meet the Expert 4  
Hong Sang Moon

Meet the Expert 5  
Byoung Kyu Han

**09:00-10:00**

Podium Session 19  
Cancer - Bladder, Pelvis, Ureter & Others (3)  
O 199-209

Podium Session 20  
Cancer - Kidney (2)  
O 210-220

Nurse Forum

**10:00-11:00**

Podium Session 21  
Cancer - Prostate (4)  
O 221-231

**11:00-12:00**

**Satellite Luncheon Symposium 6**

**Satellite Luncheon Symposium 7**  
*INTUITIVE*

**Satellite Luncheon Symposium 8**  
*OLYMPUS*

**Sponsor Luncheon Meeting**  
후원사 간담회 (오찬)

**12:00-13:00**

13:00-14:00

KUA 75th General Assembly

**14:00-14:30**

**Thematic Session 3**

**14:30-15:00**

Special Lecture  
- Kim, Sae Chul’s Awards Lecture  
- National Insurance Strategy

**15:00-15:30**

**Semi Live Surgery 3**

**15:30-16:00**

**UDS Workshop**

**16:00-17:00**

**E-Poster Display** (Exhibition Hall 101+102 / 206A / 2F DID / Online)
DAY 4  4 Sat., November

COEX Conference Room (South), COEX
Room 300 (3F)

09:30-17:00
KUA-AUA Resident Review Course

East Gate

1F COEX (South)

① 코엑스 1층 동문 또는 남문 2로 출입 후
Enter through East Gate or South Gate 2 on the 1st floor of COEX

② 엘리베이터 또는 에스컬레이터를 이용하여 3층으로 이동
Take the elevator or escalator to the 3rd floor

③ 안내 배너 확인 후 300호로 이동
After checking the Information Banner, go to Room 300

South Gate 2

3F COEX (South)
Map

1F COEX North

E-Poster Zone
Exhibition (101+102)
Room A (103)
Exhibition (104+105)

Entrance
Bongeunsa

2F COEX North

Business Meeting Room (211)
VIP Room (210A+B)
OSCE Display

Room D (205A+B)
Room B (201)
Room C (202+203)
Room E2 (209B)
Room E1 (209A)

KUA Social Events

Day 1 : 1 (Wed.) November

KUA 2023 Board Meeting (평의원회)
* Board members only
15:00-17:30 / Room 101

KUA Presidential Dinner
* Invited Only
18:00-20:00 / Lobby (1F) & Room A (103)
(17:30 Welcome Cocktail & Photo Time)

Day 2 : 2 (Thu.) November

Booth Opening Ceremony (부스 개장식)
* All participants
07:50-08:00 / Lobby (1F)

KUA 2023 Opening Ceremony (개회식)
* All participants
09:00-09:30 / Room A (103)
• New Slogan Declaration Ceremony

Press Conference (기자간담회)
* Journalists / Invited Only
11:30-12:30 / Room D (205A+B)

6th Quiz Competition for Residents
(제6회 유로퀴즈왕)
* Applicant in advance
12:00-13:00 / Booth Exhibition Hall (104+105)
• 우로퀴즈왕 콘테스트에 참가한 전공의 선생님들에게
많은 응원을 보내 주시기 바랍니다.
- 응원상품, 청중상품이 준비되어 있습니다.

Day 3 : 3 (Fri.) November

KUA 75th General Assembly (75차 정기총회)
* All participants
13:00-14:30 / Room A (103)
• Academic Award Ceremony
• 회무보고

2nd URO FUN RUN (5km)
* Applicant in advance
06:20- / In front of the Running Banner, Lobby (1F)
• 참가비: 1만원 / 10 USD
 대한비뇨의학재단의 이름으로 루게릭병 환우를 위한 단체에
기부하기 위한 사회환원 시티 마라톤 대회입니다.
참가자는 11월 3일(금) 06:20까지 COEX 1층 로비로 모여
주시기 바랍니다.
Main Sponsors

KUA Diamond

GSK  
astellas  
Hanmi

KUA Platinum Plus

JW 중외제약

KUA Platinum

janssen  
OLYMPUS  
INTUITIVE  
ONO PHARMA KOREA

KUA Gold

ORGANON

KUA Silver

Teleflex  
AMS  
HAN DOK  
DAEDONG  
Boston Scientific

WONTECH  
일양약품  
제일약품  
통근당  
STORZ KARL STORZ
<table>
<thead>
<tr>
<th>업체명</th>
<th>구분</th>
<th>위치</th>
</tr>
</thead>
<tbody>
<tr>
<td>(주)가영메디칼</td>
<td>의료기회사</td>
<td>18</td>
</tr>
<tr>
<td>(주)글락소스미스كل라인</td>
<td>의료기회사</td>
<td>4, 5, 6, 7, 8, 9</td>
</tr>
<tr>
<td>다허영행</td>
<td>의료기회사</td>
<td>51</td>
</tr>
<tr>
<td>(주)다우바이오메디카</td>
<td>의료기회사</td>
<td>52</td>
</tr>
<tr>
<td>대웅제약</td>
<td>의료기회사</td>
<td>1, 2</td>
</tr>
<tr>
<td>동구바이오제약</td>
<td>의료기회사</td>
<td>54</td>
</tr>
<tr>
<td>동아에스티</td>
<td>의료기회사</td>
<td>68</td>
</tr>
<tr>
<td>(주)이투트윈스미디스커리</td>
<td>의료기회사</td>
<td>49, 50</td>
</tr>
<tr>
<td>보스톤사이언티픽</td>
<td>의료기회사</td>
<td>72, 73</td>
</tr>
<tr>
<td>(주)아사시엔테작스시스템즈</td>
<td>의료기회사</td>
<td>58, 59</td>
</tr>
<tr>
<td>퀸테일링스미디스커리</td>
<td>의료기회사</td>
<td>70, 71</td>
</tr>
<tr>
<td>(주)엠미디어테크놀로지</td>
<td>의료기회사</td>
<td>37</td>
</tr>
<tr>
<td>(주)방진미디어스미디스커리</td>
<td>의료기회사</td>
<td>22</td>
</tr>
<tr>
<td>한양폴리테크스미디스커리</td>
<td>의료기회사</td>
<td>33, 34, 35, 36</td>
</tr>
<tr>
<td>히링</td>
<td>의료기회사</td>
<td>62, 63</td>
</tr>
<tr>
<td>인증미디어사저질코리아 유한회사</td>
<td>의료기회사</td>
<td>39, 40, 41, 42</td>
</tr>
<tr>
<td>일양약품</td>
<td>의료기회사</td>
<td>19, 20</td>
</tr>
<tr>
<td>제이에스미디어그룹</td>
<td>의료기회사</td>
<td>14, 15, 16, 17</td>
</tr>
<tr>
<td>제일미디어그룹</td>
<td>의료기회사</td>
<td>69</td>
</tr>
<tr>
<td>제일미디어그룹</td>
<td>의료기회사</td>
<td>60, 61</td>
</tr>
<tr>
<td>중근categoryId</td>
<td>의료기회사</td>
<td>48, 47</td>
</tr>
<tr>
<td>주식회사 로엔시스템스미디스커리</td>
<td>의료기회사</td>
<td>38</td>
</tr>
<tr>
<td>주식회사 이브디스미디스커리</td>
<td>의료기회사</td>
<td>53</td>
</tr>
<tr>
<td>주식회사 포럼</td>
<td>의료기회사</td>
<td>57</td>
</tr>
<tr>
<td>탕고 플라스틱스미디스커리</td>
<td>의료기회사</td>
<td>74, 75</td>
</tr>
<tr>
<td>한국미디어시스템즈주식회사</td>
<td>의료기회사</td>
<td>10, 11, 12, 13, 64, 65</td>
</tr>
<tr>
<td>한국미디어시스템즈주식회사</td>
<td>의료기회사</td>
<td>66</td>
</tr>
<tr>
<td>한국미디어시스템즈주식회사</td>
<td>의료기회사</td>
<td>67, 78, 79</td>
</tr>
<tr>
<td>한국미디어시스템즈주식회사</td>
<td>의료기회사</td>
<td>66, 67</td>
</tr>
<tr>
<td>한국미디어시스템즈주식회사</td>
<td>의료기회사</td>
<td>21</td>
</tr>
<tr>
<td>한국미디어시스템즈주식회사</td>
<td>의료기회사</td>
<td>27, 28, 29, 30, 31, 32</td>
</tr>
<tr>
<td>한국미디어시스템즈주식회사</td>
<td>의료기회사</td>
<td>3</td>
</tr>
<tr>
<td>한국미디어시스템즈주식회사</td>
<td>의료기회사</td>
<td>55</td>
</tr>
<tr>
<td>Teleflex Korea</td>
<td>의료기회사</td>
<td>23, 24</td>
</tr>
<tr>
<td>(주)카이안티미디어스미디스커리</td>
<td>의료기회사</td>
<td>25, 26</td>
</tr>
<tr>
<td>청주화백컨벤션센터 / 청주화백컨벤션타워</td>
<td>기타</td>
<td>92</td>
</tr>
<tr>
<td>경주화백컨벤션센터 / 경주화백컨벤션타워</td>
<td>기타</td>
<td>95</td>
</tr>
<tr>
<td>넥스코리아</td>
<td>의료기회사</td>
<td>86</td>
</tr>
<tr>
<td>로드르플로닉스미디스커리</td>
<td>의료기회사</td>
<td>91</td>
</tr>
<tr>
<td>(주)속삼미디어스미디스커리</td>
<td>의료기회사</td>
<td>114</td>
</tr>
<tr>
<td>(주)마크코퍼레이션미디스커리</td>
<td>의료기회사</td>
<td>84</td>
</tr>
<tr>
<td>(주)소구미디어스미디스커리</td>
<td>의료기회사</td>
<td>80, 81</td>
</tr>
<tr>
<td>알보젠코리아</td>
<td>의료기회사</td>
<td>90</td>
</tr>
<tr>
<td>(주)에이치미디어스미디스커리</td>
<td>의료기회사</td>
<td>109, 110</td>
</tr>
<tr>
<td>코엔미디어스미디스커리</td>
<td>의료기회사</td>
<td>96</td>
</tr>
<tr>
<td>(주)마크미디어스미디스커리</td>
<td>의료기회사</td>
<td>85</td>
</tr>
<tr>
<td>콜로플라스코리아미디어스미디스커리</td>
<td>의료기회사</td>
<td>87</td>
</tr>
<tr>
<td>(주)코로인미디어스미디스커리</td>
<td>의료기회사</td>
<td>89</td>
</tr>
<tr>
<td>한국미디어시스템즈주식회사</td>
<td>의료기회사</td>
<td>112, 113</td>
</tr>
<tr>
<td>한국미디어시스템즈주식회사</td>
<td>의료기회사</td>
<td>93, 94</td>
</tr>
<tr>
<td>휴온스미디텍미디어스미디스커리</td>
<td>의료기회사</td>
<td>82, 83</td>
</tr>
<tr>
<td>Zhuhai Seesheen Medical Technology Co.,Ltd</td>
<td>의료기회사</td>
<td>88</td>
</tr>
</tbody>
</table>
식권은 명찰에 날짜별로 들어 있습니다. 해당 날짜 식권을 준비하여 주시기 바랍니다.
Lunch tickets are listed by date in the name tag holder. Please prepare a ticket for the date.

Satellite Luncheon Symposium 강의가 진행되는 강의실에서만 도시락이 제공될 예정입니다.
Lunch boxes will be provided only in the lecture room where the Satellite Luncheon Symposium is being held.

강의장에서 도시락을 드시지 못하는 경우, 학술대회 강의장 근처 식당에서 식권 제시 후 식사가 가능합니다.
If you cannot have a lunch box in the lecture room, you can eat at a restaurant near the conference hall after presenting your lunch ticket.

- 식권 1장당 금액은 20,000원입니다. (※ 20,000원보다 초과하여 드시는 경우 추가 결제를 개인이 부담)
Each ticket is worth 20,000KRW (* If you spend more than 20,000 won, you will have to pay an additional payment)

- 식권 사용이 가능한 식당은 아래를 참고해 주세요.
Please check the list of restaurant that accept the lunch tickets.

- 이용시간은 학회 당일 11:00~14:00까지 입니다.
The use time is from 11:00 to 14:00 on the day of the conference.

---

**Lunch List**

![QR 코드를 스캔하면 식당의 위치를 확인하실 수 있습니다.](QR code)
You can check the location of the restaurant by scanning the QR code.

- 백ворот집
  - Backkop House
  - 갈비탕, 평양냉면 외
  - Short rib soup
  - 코엑스몰 지하 1층
  - 1st basement floor of COEX Mall

- 예가낙지마을
  - Yega Nakji
  - 낙지볶음덮밥 외
  - Octopus Stir-fried Rice Bowl
  - 코엑스몰 지하 1층
  - 1st basement floor of COEX Mall

- 홍대돈부리
  - Hongdae-Donburi
  - 가츠동 외
  - Pork Cutlet with Rice
  - 코엑스몰 지하 1층
  - 1st basement floor of COEX Mall

- 쇼군
  - Syogun
  - 라면, 통밥 외
  - Ramen
  - 코엑스몰 지하 1층
  - 1st basement floor of COEX Mall

- 명동칼국수
  - Myungdong Noodle
  - 콜국수 외
  - Noodle Soup
  - 코엑스몰 지하 1층
  - 1st basement floor of COEX Mall

- 초계국수
  - Misari Milbit Chogyeguksu
  - 초계국수 외
  - Cold Chicken Noodles
  - 코엑스몰 지하 1층
  - 1st basement floor of COEX Mall

- 르사이공
  - Le Saigon
  - 빵국수, 베타남음식 외
  - Rice Noodles
  - 코엑스몰 지하 1층
  - 1st basement floor of COEX Mall

- 무교낙지
  - Mukyo Nakji
  - 낙지볶음, 낙지정식 외
  - Octopus Stir-fried Rice Bowl
  - 코엑스몰 지하 1층
  - 1st basement floor of COEX Mall

- 캘리포니아 피자 키친
  - California Pizza Kitchen
  - 피자, 파스타 외
  - Pizza, Pasta
  - 코엑스몰 지하 1층
  - 1st basement floor of COEX Mall
List of Awards

제12회 김세철학술인상 (12th Kim, Sae Chul Award)

류지간 / 인하의대
최근 10년간 연구업적이 탁월한 우수 학술인으로 선정 되셨기에 이 상을 드립니다.
이 상은 경남스틸에서 후원합니다.

공헌상 (Contribution Award)

한상원 / 연세의대
지난 30여년간 대한민국 비뇨의학의 발전을 위하여 혼신의 노력을 하셨음은 물론 후학들로부터 존경받는 모범이 되셨기에 이 상을 드립니다.

대외공로상 (External Achievement Award)

김법완 / 경북의대
활발한 대내외적 활동으로 본 학회의 위상을 드높이고, 후학들로부터 존경받는 모범이 되셨기에 이 상을 드립니다.
학술상 : 국외논문 (International Scientific Paper Award)

임상 최우수상
서호경 / 국립암센터
Clinical Efficacy of Neoadjuvant Intravesical Mitomycin-C Therapy Immediately Before Transurethral Resection of Bladder Tumor in Patients With Nonmuscle-Invasive Bladder Cancer: Preliminary Results of a Prospective, Randomized Phase II Study

임상 우수상
김광현 / 이화의대
Accurate detection of urothelial bladder cancer using targeted deep sequencing of urine DNA

기초 최우수상
서성일 / 성균관의대
CEACAM1 Marks Highly Suppressive Intratumoral Regulatory T Cells for Targeted Depletion Therapy

기초 우수상
김아람 / 건국의대
Anti-oncogenic effects of dutasteride, a dual 5-alpha reductase inhibitor and a drug for benign prostate hyperplasia, in bladder cancer

학술상 : 국내논문 (Investigative and Clinical Urology Paper Award)

임상 최우수상
최진봉 / 가톨릭의대
The incidence of testicular torsion and testicular salvage rate in Korea over 10 years: A nationwide population-based study

임상 우수상
박주현 / 울산의대
The usefulness and ergonomics of a new robotic system for flexible ureteroscopy and laser lithotripsy for treating renal stones

기초 최우수상
김태희, 정호석 / 전남의대
Effects of retinoid-loaded hyaluronic acid nanomicelles on vaginal epithelium in a murine menopause model

기초 우수상
김익석 / 한림의대
Prediction of the composition of urinary stones using deep learning
List of Awards

학술상 : 우수논문 (Outstanding Scientific Paper Award)

기초부문

최세영 / 중앙의대
Prostate cancer therapy using immune checkpoint molecules to target recombinant dendritic cells

임상부문

편종현 / 성균관의대
The projected short and long-term anticipation of the prostate cancer population in Korea based on serum prostate-specific antigen testing rate and social-aging trend during the last decade

우수초록상 (Best Abstract Award)

기초부문

윤석중, Chuangming Zheng / 충북의대, 광주과학기술원
A metatranscriptomic and metabolomic study reveals Bifidobacterium species BB_003 possesses antitumor immunity and the mechanisms behind it

임상부문

유성현, 임의찬 / 전남의대
Nationwide Surveillance of Bacterial Pathogens Isolated from Patients with Acute Uncomplicated Cystitis in Korea

비디오부문

김상윤 / 연세의대
Buck’s fascia saving corporoplasty using TachoSil® with tubularized incised plate

비수련 병의원부문

박성훈 / 세울비뇨의학과
IPP under local anesthesia, multistep approach
Clinical Research

Saidanvar Agzamkhodjaev, Zafar Abdullaev
/ National Children’s Medical Center and Tashkent Pediatric Medical Institute, Uzbekistan

In the case of isolated prenatal hydronephrosis, the shape of the renal pelvis as a predictor of postnatal surgery

Basic Research

Kota Fujimoto
/ Institute of Advanced Medicine / Department of Plastic and Reconstructive Surgery (Gen Yamada Lab), Wakayama Medical University, Japan

A new system to analyze the erectile dynamic responses of mouse corpus cavernosum

Basic Research

Mitchell Barns / Sir Charles Gardiner Hospital, Australia

Is 99mTc-MIBI SPECT/CT useful in the differentiation of oncocytoma from renal cell carcinoma? An update from an ongoing Australian clinical trial

Urologist

김선옥 / 전남의대

Resident

방성은 / 국민건강보험공단 일산병원
Invited Speakers

**AUA**

**Aseem R. Shukla**  
Children’s Hospital of Philadelphia, University of Pennsylvania / USA  
*Speaker*  
**Plenary Session 3**  
Nov. 3 (Fri.), 11:34-11:47  
Room A (103)  
**KUA-AUA Resident Review Course**  
Nov. 4 (Sat.), 09:35-10:35  
Room 300, 3F, COEX Conference Room

**Christopher L. Amling**  
Oregon Health & Science University / USA  
*Speaker*  
**Plenary Session 2**  
Nov. 2 (Thu.), 10:17-10:31  
Room A (103)  
**KUA-AUA Resident Review Course**  
Nov. 4 (Sat.), 10:35-11:35 / 13:35-14:45  
Room 300, 3F, COEX Conference Room

**Hossein Sadeghi-Nejad**  
NYU Langone - NYU Grossman School of Medicine / USA  
*Speaker*  
**Plenary Session 2**  
Nov. 2 (Thu.), 10:17-10:31  
Room A (103)  
**KUA-AUA Resident Review Course**  
Nov. 4 (Sat.), 14:45-15:45  
Room 300, 3F, COEX Conference Room

**Yahir Santiago-Lastra**  
University of California San Diego Health / USA  
*Speaker*  
**Plenary Session 1**  
Nov. 1 (Wed.), 11:09-11:22  
Room A (103)  
**KUA-AUA Resident Review Course**  
Nov. 4 (Sat.), 11:35-12:35 / 16:00-17:00  
Room 300, 3F, COEX Conference Room

**EAU**

**Jens Sønksen**  
Herlev & Gentofte Hospital / Denmark  
*Speaker*  
**Plenary Session 2**  
Nov. 2 (Thu.), 10:31-10:45  
Room A (103)

**Lars Dyrrskjot Andersen**  
Aarhus University / Denmark  
*Speaker*  
**Plenary Session 2**  
Nov. 2 (Thu.), 10:45-11:00  
Room A (103)

**GUA**

**David Nikoleishvili**  
American Hospital Tbilisi / Georgia  
*Speaker*  
**Thematic Session 2**  
Nov. 2 (Thu.), 13:30-13:45  
Room A (103)

**HKUA**

**Peter Ka-Fung Chiu**  
The Chinese University of Hong Kong / Hong Kong  
*Speaker*  
**Plenary Session 2**  
Nov. 2 (Thu.), 10:45-11:00  
Room A (103)
<table>
<thead>
<tr>
<th>Country</th>
<th>Name</th>
<th>Hospital/Institution</th>
<th>Session Type</th>
<th>Date</th>
<th>Time</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>JUA</td>
<td>Yoshihiko Tomita</td>
<td>Niigata University Hospital / Japan</td>
<td>Thematic Session 2</td>
<td>Nov. 2 (Thu.), 13:45-14:00</td>
<td>Room A (103)</td>
<td></td>
</tr>
<tr>
<td>MUA</td>
<td>Toh Charng Chee</td>
<td>Hospital Selayang / Malaysia</td>
<td>Plenary Session 3</td>
<td>Nov. 3 (Fri.), 09:44-09:57</td>
<td>Room A (103)</td>
<td></td>
</tr>
<tr>
<td>SIU</td>
<td>Jean de la Rosette</td>
<td>Istanbul Medipol University / Türkiye</td>
<td>Plenary Session 1</td>
<td>Nov. 1 (Wed.), 09:39-09:52</td>
<td>Room A (103)</td>
<td></td>
</tr>
<tr>
<td>SSUU</td>
<td>Azimdjon N. Tursunkulov</td>
<td>Akfa Medline Hospital / Uzbekistan</td>
<td>Plenary Session 3</td>
<td>Nov. 3 (Fri.), 10:38-10:51</td>
<td>Room A (103)</td>
<td></td>
</tr>
<tr>
<td>TUA</td>
<td>Jacob See-Tong Pang</td>
<td>Chang Gung Memorial Hospital / Taiwan</td>
<td>Plenary Session 2</td>
<td>Nov. 2 (Thu.), 11:00-11:15</td>
<td>Room A (103)</td>
<td></td>
</tr>
<tr>
<td>VUNA</td>
<td>Le Dinh Khanh</td>
<td>Hue University of Medicine and Pharmacy Hospital / Vietnam</td>
<td>Plenary Session 3</td>
<td>Nov. 3, (Fri.), 09:57-10:10</td>
<td>Room A (103)</td>
<td></td>
</tr>
<tr>
<td>USANZ</td>
<td>Helen O’Connell</td>
<td>Epworth Hospital / Australia</td>
<td>Plenary Session 3</td>
<td>Nov. 3 (Fri.), 10:51-11:04</td>
<td>Room A (103)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lih-Ming Wong</td>
<td>St. Vincent’s Hospital / Australia</td>
<td>Plenary Session 2</td>
<td>Nov. 2 (Thu.), 11:15-11:30</td>
<td>Room A (103)</td>
<td></td>
</tr>
</tbody>
</table>
Invited Korean Speakers

Hae Woong Choi  
Korea University, Division of Life Sciences  
**Speaker**  
Plenary Session 1  
Nov. 1 (Wed.), 10:43-10:56  
Room A (103)

Yoon Ji Choi  
Korea University, Division of Medical Oncology  
**Speaker**  
Thematic session 1  
Nov. 1 (Wed.), 13:30-13:45  
Room A (103)

Chong-Kil Lee  
College of Pharmacy, Chungbuk National University Department of Pharmaceutics  
**Speaker**  
ICUrology Workshop  
Nov. 2 (Thu.), 10:00-10:30  
Room E1 (209A)

Yangkie Moon  
OLYMPUS Korea  
**Speaker**  
Nurse Forum  
Nov. 3 (Fri.), 09:50-10:10  
Room C (202+203)

Byung Kwan Park  
Sungkyunkwan University, Department of Radiology  
**Speaker**  
Plenary Session 1  
Nov. 1 (Wed.), 10:07-10:19  
Room A (103)

Jieun Park  
Severance Children’s Hospital, Pediatric Bladder-Urethra Rehabilitation Clinic Nurse  
**Speaker**  
UDS Workshop  
Nov. 3 (Fri.), 13:20-13:40  
Room C (202+203)

So Jeong Park  
Chonnam National University Hospital, Urodynamic Nurse  
**Speaker**  
UDS Workshop  
Nov. 3 (Fri.), 15:00-15:20  
Room C (202+203)

Won Park  
Sungkyunkwan University, Department of Radiation Oncology  
**Speaker**  
Plenary Session 1  
Nov. 1 (Wed.), 09:03-09:15  
Room A (103)

Hojun Son  
Division of Health Insurance Policy, Ministry of Health and Welfare  
**Speaker**  
Special Lecture (National Insurance Strategy)  
Nov. 3 (Fri.), 14:40-15:30  
Room A (103)

Eunbae B. Yang  
Yonsei University, Department of Medical Education  
**Speaker**  
Faculty CME 지도전문의교육  
Nov. 1 (Wed.), 09:00-09:40  
Room B (201)

Seong Kuk Yoon  
Dong-A University, Department of Radiology  
**Speaker**  
Thematic session 1  
Nov. 1 (Wed.), 13:45-14:00  
Room A (103)
## Scientific Programs

### Plenary Session 1

**Room A (103) / 09:00~12:00**

**Moderator**: Seok Ho Kang (Korea University)

Jong Wook Kim (Korea University)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:00-09:03</td>
<td>Case presentation</td>
<td>Dong Hoon Koh</td>
<td>Konyang University</td>
</tr>
<tr>
<td>09:03-09:15</td>
<td>Radiation therapy + androgen deprivation therapy</td>
<td>Won Park</td>
<td>Sungkyunkwan University, Department of Radiation Oncology</td>
</tr>
<tr>
<td>09:15-09:27</td>
<td>Androgen deprivation therapy</td>
<td>Jong Wook Kim</td>
<td>Korea University</td>
</tr>
<tr>
<td>09:27-09:39</td>
<td>Radical prostatectomy + pelvic lymph node dissection</td>
<td>Jin Kyu Oh</td>
<td>Gachon University</td>
</tr>
<tr>
<td>09:39-09:52</td>
<td>Novel Diagnostics in Small Renal Masses: Clinical translation and integration</td>
<td>Jean de la Rosette</td>
<td>Istanbul Medipol University, Türkiye</td>
</tr>
<tr>
<td>09:52-09:55</td>
<td>Case presentation</td>
<td>Chunwoo Lee</td>
<td>Gyeongsang National University</td>
</tr>
<tr>
<td>09:55-10:07</td>
<td>Active surveillance</td>
<td>Seokhwan Bang</td>
<td>The Catholic University of Korea</td>
</tr>
<tr>
<td>10:07-10:19</td>
<td>Ablation</td>
<td>Byung Kwan Park</td>
<td>Sungkyunkwan University, Department of Radiology</td>
</tr>
<tr>
<td>10:19-10:31</td>
<td>SBRT</td>
<td>Cheryn Song</td>
<td>University of Ulsan</td>
</tr>
<tr>
<td>10:31-10:43</td>
<td>Surgical excision</td>
<td>Eu Chang Hwang</td>
<td>Chonnam National University</td>
</tr>
</tbody>
</table>
### State-of-the-art lecture: Recurrent UTI

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:43</td>
<td>Uropathogenic E. coli persistence during UTI: pathologic mechanism</td>
<td>Hae Woong Choi</td>
<td>Korea University, Division of Life Sciences</td>
</tr>
<tr>
<td>10:56</td>
<td>The need for evaluation and follow up of voiding function in elderly women with recurrent UTI</td>
<td>Su Jin Kim</td>
<td>Hallym University</td>
</tr>
<tr>
<td>11:09</td>
<td>Recurrent urinary tract infections - prevention and stewardship</td>
<td>Yahir Santiago-Lastra</td>
<td>University of California San Diego Health, USA</td>
</tr>
</tbody>
</table>

### State-of-the-art lecture: Geriatric urology

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:22</td>
<td>The role of Urologist in the management of Geriatric Syndrome</td>
<td>Hee Jo Yang</td>
<td>Soonchunhyang University</td>
</tr>
<tr>
<td>11:34</td>
<td>Geriatric assessment for preoperative elderly patients: why and how</td>
<td>Phil Hyun Song</td>
<td>Yeungnam University</td>
</tr>
</tbody>
</table>

### AUA exchange program Report

<table>
<thead>
<tr>
<th>Time</th>
<th>Report</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:46</td>
<td>Report 1</td>
<td>Hong Koo Ha</td>
<td>Pusan National University</td>
</tr>
<tr>
<td>11:53</td>
<td>Report 2</td>
<td>Aram Kim</td>
<td>Konkuk University</td>
</tr>
</tbody>
</table>
**Satellite Luncheon Symposium 1**

**Room A (103) / 12:00~12:20**

**Moderator:** Jae Young Park (Korea University)

<table>
<thead>
<tr>
<th>Time</th>
<th>Content</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:00-12:20</td>
<td>Considerations in Choosing IO+IO or IO+TKI in Advanced RCC: When to Use Initial IO+IO and IO+TKI?</td>
<td>Chang Wook Jeong (Seoul National University)</td>
</tr>
</tbody>
</table>

**Thematic session 1: Urothelial Cancer**

**Room A (103) / 13:00~14:00**

**Moderator:** Ja Hyeon Ku (Seoul National University)

Byong Chang Jeong (Sungkyunkwan University)

**Debate: clinically complete response in patient with MIBC after neoadjuvant chemotherapy: what is next?**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>13:00-13:04</td>
<td>Case presentation</td>
<td>Tae Il Noh (Korea University)</td>
</tr>
<tr>
<td>13:04-13:17</td>
<td>Radical cystectomy</td>
<td>Ho Kyung Seo (National Cancer Center)</td>
</tr>
<tr>
<td>13:17-13:30</td>
<td>Bladder preservation strategy</td>
<td>Hyun Hwan Sung (Sungkyunkwan University)</td>
</tr>
</tbody>
</table>

**State-of-the-art lecture**

<table>
<thead>
<tr>
<th>Time</th>
<th>Content</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>13:30-13:45</td>
<td>Optimizing combination therapies or therapeutic sequences for advanced or metastatic UC</td>
<td>Yoon Ji Choi (Korea University, Division of Medical Oncology)</td>
</tr>
<tr>
<td>13:45-14:00</td>
<td>Clinical usefulness of bladder MRI and VIRADS in bladder cancer</td>
<td>Seong Kuk Yoon (Dong-A University, Department of Radiology)</td>
</tr>
</tbody>
</table>
## Scientific Programs

**DAY 1  Wed., November**

### Semi Live Surgery 1  Room A (103) / 14:00~17:00

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Moderator</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>14:00-14:30</td>
<td>Female radical cystectomy with orthotopic neobladder</td>
<td>Bumsik Hong (University of Ulsan)</td>
<td>Seok Ho Kang</td>
<td>Korea University</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Won Sik Ham (Yonsei University)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>14:00-14:30</td>
<td>Nerve sparing female cystectomy - robotic</td>
<td></td>
<td>Seok Ho Kang</td>
<td>Korea University</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Dong Hyeon Lee</td>
<td>Ewha Womans University</td>
</tr>
<tr>
<td>14:30-15:00</td>
<td>Neobladder reconstruction in female cystectomy - robotic</td>
<td>Seok Ho Kang (University of Ulsan)</td>
<td>Kwang Hyun Kim</td>
<td>Ewha Womans University</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Dong Hyeon Lee</td>
<td>Yeungnam University</td>
</tr>
<tr>
<td>14:30-15:00</td>
<td>Neobladder reconstruction in female cystectomy - open</td>
<td></td>
<td>Seok Ho Kang</td>
<td>Korea University</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Dong Hyeon Lee</td>
<td>Ewha Womans University</td>
</tr>
<tr>
<td></td>
<td><strong>Panels:</strong> Tae-Hwan Kim (Kyungpook National University), Bumjin Lim (University of Ulsan), Jongkil Nam (Pusan National University)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15:00-16:00</td>
<td>Single port robotic partial nephrectomy</td>
<td>Seung Hyun Jeon (Kyung Hee University)</td>
<td>Sung-Hoo Hong (The Catholic University of Korea)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15:00-16:00</td>
<td>Retroperitoneal</td>
<td></td>
<td>Kwang Hyun Kim</td>
<td>Ewha Womans University</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Young Hwii Ko</td>
<td>Yeungnam University</td>
</tr>
<tr>
<td></td>
<td><strong>Panels:</strong> Sang Hyeon Cheon (University of Ulsan), Hyung Joon Kim (Konyang University), Dong Hyuk Kang (Inha University)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>16:00-16:20</td>
<td>RARP in various clinical scenario</td>
<td>Ji Youl Lee (The Catholic University of Korea)</td>
<td>Cheol Kwak (Seoul National University)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>16:00-16:20</td>
<td>Surgical tips to manage various challenging situations at RARP</td>
<td></td>
<td>Jinsung Park</td>
<td>Eulji University</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>16:20-16:40</td>
<td>RARP in patient with recurrent prostate cancer after radical prostatectomy</td>
<td></td>
<td>Tae Nam Kim</td>
<td>Pusan National University</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>16:40-17:00</td>
<td>How to improve oncological outcomes in patients with T3 prostate cancer (wide excision)</td>
<td></td>
<td>Kang Su Cho</td>
<td>Yonsei University</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Panels:</strong> In Ho Chang (Chung-Ang University), In Gab Jeong (University of Ulsan), Sung Gu Kang (Korea University)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
지도전문의교육

지도전문의 정의

지도전문의는 제77조 제1항에 따른 전문의로서 수련병원(기관)장의 지정에 따라 전공의 수련을 지도하는 사람을 말하며, 레지던트 수련병원(기관) 지정에 적용한다.

제도전문의교육 재이수 기간 안내

- 2012년 9월말 이전 지도전문의 : 최초의 재교육 주기를 2016년 1월 1일부터 2020년 12월 31일까지이며, 이후 재교육 주기는 3년마다 입니다.
- 2012년 9월말 이후 지도전문의 : 최초의 재교육 주기를 최초 교육을 받은 기준으로 5년으로 하며, 이후 재교육 주기는 3년마다 입니다.
10:00–10:30  
**Measures of the Department of Urology due to the legislation of CCTV installation in the operating room**  
수술실 CCTV 설치 법제화에 따른 비뇨의학과의 대책  
Phil Hyun Song  
Yeungnam University

10:30–11:00  
**Non-face-to-face Treatment Pilot Project in urology**  
비대면 진료시범사업에 대한 의료법 측면에서의 비뇨의학과 대책  
Yeon-Joo Kim  
Daegu Fatima Hospital

11:00–11:30  
**Scope of ultra-high-priced non-payment techniques in the field of urology and their attitude toward them**  
비뇨의학과 영역에서 초고가 비급여 술기에 대한 그 범위와 윤리적 자세  
Sung Chul Kam  
Gyeongsang National University

11:30–12:00  
**Nurse work-to-rule action from the urologist’s point view**  
비뇨의학과 의사가 바라본 간호사 준법투쟁  
Taesoo Choi  
Kyung Hee University

### 2023년 연수교육 지침 변경 주요 사항

회원의 전문성 및 직업윤리의식 형양을 위하여 의료법 시행규칙 제20조에 의거 필수 과수이수의 의무화 되었음.  
(2018년 1월 1일부터 시행)

- 2019년 현재 신고대상자부터 적용.  
- 일반과목 이수 외의 과목 이수 2평점이 의무화되었음. (대상 : 전문의)  
(단, 3년마다 2시간 이상 이수, 현재신고자는 직년3년간의 24평점 중 2평점을 필수교육 평점으로 이수해야 함.)  
- 필수과목 교육프로그램 강의실에서 별도의 입출결 관리 의무(체류시간 59분 - 평점없음 / 60분 이상 - 1점 인정 / 120분 이상 - 2점 인정)

필수과목 교육 프로그램이란?  
의료윤리, 의료법령 주요 위반사례, 의료감염관리, 의약품 부작용사례, 의료분쟁사례 등 직종별 특성을 감안한 자체 교육프로그램
Satellite Luncheon Symposium 2

Room C (202+203) / 12:00~12:20
Moderator: Jae Young Joung (National Cancer Center)

12:00-12:20 Delaying mCRPC progression: role of Apalutamide with rapid and deep PSA response
U-Syn Ha
The Catholic University of Korea

Room D

Ultrasound Hands-on Course for Urology Residents (Hands-on)

Room D (205A+B) / 09:00~12:00
Moderator: Jang Hwan Kim (Yonsei University)

09:00-09:10 Opening address
Jun Hyuk Hong
KUA president, University of Ulsan
Jang Hwan Kim
Yonsei University

09:10-09:30 Principles and basics of ultrasound in Urology
Hong Wook Kim
Konyang University

09:30-09:50 Introduction for hands-on course for Urology Residents: Standard images of kidney and bladder in ultrasound
Hosong Yu
Yonsei Yu Urology Clinic

09:50-12:00 Hand-on course of ultrasound for kidney and bladder in supine position

Team A
Tutor: Hosong Yu (Yonsei Yu Urology Clinic)
Min Soo Choo (Seoul National University)
Hong Wook Kim (Konyang University)

Team B
Tutor: Young Joon Moon (Kyungpook National University)
Chang Ki Lee (Goldman Urology Clinic)
Jae Yong Jeong (NHIS Ilsan Hospital)
## Scientific Programs

### Day 2  Thu., November

#### Plenary Session 2

**Room A (103) / 09:30~12:00**

**Moderator**
- Seok Ho Kang (Korea University)
- Sung Kyu Hong (Seoul National University)

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker</th>
<th>Institution/Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:30-09:38</td>
<td>Daily highlight</td>
<td>Juhyun Park</td>
<td>University of Ulsan</td>
</tr>
<tr>
<td>09:38-09:51</td>
<td>KUA history</td>
<td>Sun-Ouck Kim</td>
<td>Chonnam National University</td>
</tr>
<tr>
<td>09:51-10:04</td>
<td>State-of-the-art lecture: Men's Health</td>
<td>Won Ki Lee</td>
<td>Hallym University</td>
</tr>
<tr>
<td>10:04-10:17</td>
<td>Management of non-responders to PDE5 inhibitors</td>
<td>Hyun Jun Park</td>
<td>Pusan National University</td>
</tr>
<tr>
<td>10:17-10:31</td>
<td>The difficult penile prosthesis - strategies for safety and success</td>
<td>Hossein Sadeghi-Nejad</td>
<td>NYU Langone - NYU Grossman School of Medicine, USA</td>
</tr>
<tr>
<td>10:31-10:45</td>
<td>The use of spermatogonial stem cells to restore male fertility after childhood gonadotoxic therapy</td>
<td>Jens Sønksen</td>
<td>Herlev &amp; Gentofte Hospital, Denmark</td>
</tr>
<tr>
<td>10:45-11:00</td>
<td>State-of-the-art lecture: Prostate cancer</td>
<td>Peter Ka-Fung Chiu</td>
<td>The Chinese University of Hong Kong, Hong Kong</td>
</tr>
<tr>
<td>11:00-11:15</td>
<td>Treatment of metastatic prostate cancer with androgen receptor axis-targeted agent (ARAT): exploring the prognostic factors</td>
<td>Jacob See-Tong Pang</td>
<td>Chang Gung Memorial Hospital, Taiwan</td>
</tr>
<tr>
<td>11:15-11:30</td>
<td>How does PSMA PET-CT change our clinical practice in the management of prostate cancer?</td>
<td>Lih-Ming Wong</td>
<td>St. Vincent’s Hospital, Australia</td>
</tr>
<tr>
<td>11:30-11:45</td>
<td>State-of-the-art lecture: Urophelial Cancer</td>
<td>Christopher L. Amling</td>
<td>Oregon Health &amp; Science University, USA</td>
</tr>
<tr>
<td>11:45-12:00</td>
<td>Bladder Preserving Management for Muscle-Invasive Bladder Cancer</td>
<td>Lars Dyrskjøt Andersen</td>
<td>Aarhus University, Denmark</td>
</tr>
<tr>
<td></td>
<td>Liquid Biopsies in Bladder Cancer: An Emerging Tool for Treatment Decision-Making</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Satellite Luncheon Symposium 3

**Room A (103) / 12:00~12:20**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter</th>
<th>Affiliation</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:00-12:20</td>
<td>Why is individualizing management of LUTS/BPH important?</td>
<td>Jae Heon Kim</td>
<td>Soonchunhyang University</td>
</tr>
</tbody>
</table>

### Thematic session 2: Renal Cell Carcinoma

**Room A (103) / 13:00~14:00**

**Moderator**: Seong Il Seo (Sungkyunkwan University)
**Moderator**: Woong Kyu Han (Yonsei University)

#### Debate: cytoreductive nephrectomy: What is the optimal timing?

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter</th>
<th>Affiliation</th>
</tr>
</thead>
<tbody>
<tr>
<td>13:00-13:04</td>
<td>Case presentation</td>
<td>Sungchan Park</td>
<td>University of Ulsan</td>
</tr>
<tr>
<td>13:04-13:17</td>
<td>Upfront</td>
<td>Young Hyo Choi</td>
<td>The Catholic University of Korea</td>
</tr>
<tr>
<td>13:17-13:30</td>
<td>Deferred</td>
<td>Jung Kwon Kim</td>
<td>Seoul National University</td>
</tr>
</tbody>
</table>

#### State-of-the-art lecture

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter</th>
<th>Affiliation</th>
</tr>
</thead>
<tbody>
<tr>
<td>13:30-13:45</td>
<td>Surgical treatment of renal tumors</td>
<td>David Nikoleishvili</td>
<td>American Hospital Tbilisi, Georgia</td>
</tr>
<tr>
<td>13:45-14:00</td>
<td>New landscape of treatment strategy for advanced renal cell cancer</td>
<td>Yoshihiko Tomita</td>
<td>Niigata University Hospital, Japan</td>
</tr>
</tbody>
</table>
## Scientific Programs

### Semi Live Surgery 2

**Room A (103) / 14:00~17:00**

<table>
<thead>
<tr>
<th>Panel</th>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>LUTS</td>
<td>14:00-14:30</td>
<td>Robotic simple prostatectomy for large BPH</td>
<td>Woong Jin Bae</td>
<td>The Catholic University of Korea</td>
</tr>
<tr>
<td></td>
<td>14:30-15:00</td>
<td>TransUrethral Enucleation with Bipolar energy using spatula loop (TUEB)</td>
<td>Seong Jin Jeong</td>
<td>Seoul National University</td>
</tr>
<tr>
<td></td>
<td>15:00-15:30</td>
<td>Correcting severe chordee during hypospadias repair</td>
<td>Kwanjin Park</td>
<td>Seoul National University</td>
</tr>
<tr>
<td></td>
<td>15:30-16:00</td>
<td>SP robotic pyeloplasty in pediatrics</td>
<td>Yong Seung Lee</td>
<td>Yonsei University</td>
</tr>
<tr>
<td></td>
<td>16:00-16:30</td>
<td>Options for alternative (ectopic) reservoir placement</td>
<td>Sung Hun Park</td>
<td>Sewum Prosthetic Urology Center of Excellence</td>
</tr>
<tr>
<td></td>
<td>16:30-17:00</td>
<td>Revision surgery for penile prosthesis implantation</td>
<td>Sung Hun Park</td>
<td>Sewum Prosthetic Urology Center of Excellence</td>
</tr>
</tbody>
</table>

**Panels:**
- LUTS: Myung Ki Kim (Jeonbuk National University), Cheol Young Oh (Hallym University), Ji Sung Shim (Korea University)
- Pediatrics: Sang Don Lee (Pusan National University), Minki Baek (Sungkyunkwan University)
- Andrology: Hwancheol Son (Seoul National University), Ji-Kan Ryu (Inha University)

**Moderator:**
- LUTS: Jong Bo Choi (Ajou University), Eun Sang Yoo (Kyungpook National University)
- Pediatrics: Sang Don Lee (Pusan National University), Minki Baek (Sungkyunkwan University)
- Andrology: Hwancheol Son (Seoul National University), Ji-Kan Ryu (Inha University)
**Satellite Luncheon Symposium 4**  
*Room B (201) / 12:00~12:20*

12:00-12:20  
**Safety & Efficacy of Silodosin_THRUPAS in Guideline**  
Juhyun Park  
University of Ulsan

---

**Satellite Luncheon Symposium 5**  
*Room C (202+203) / 12:00~12:30*

12:00-12:15  
**Warring States Period among Antimuscarinics after OAB definition by ICS in 2002**  
Sangrak Bae  
The Catholic University of Korea

12:15-12:30  
**The unification of the Warring States period with Betmiga : 10th Anniversary of Betmiga in Korea**  
Mimi Oh  
Korea University
Scientific Programs

Day 2  Thu., November

Room D

KUA-Korean Public Health Policy Institute Joint Session

Room D (205A+B) / 10:00-11:00
Moderator: Tae Hyo Kim
(KUA Director of Elderly Healthcare Committee, Dong-A University)

- Opening address
10:00-10:10

- Debate:
10:10-10:20
Moderator: Kweon Sik Min (Inje University)
Panels: 지자체 공공 보건의료 지원단 및 의원실 주무관

- 노인 배뇨감염 안전센터 - 지자체별 진행 현황 보고
10:20-10:55
Moderator: Tae Hyo Kim
KUA Director of Elderly Healthcare Committee, Dong-A University

- Director of Elderly Healthcare Committee
10:55-11:00

Women’s Policy Workshop

Room D (205A+B) / 13:00~14:00
Moderator: Jun Hyuk Hong (KUA president, University of Ulsan)
Mimi Oh (KUA Director of Women’s Policy Committee, Korea University)

- Work and life satisfaction of female urologists in Korea: the results of a survey
13:00-14:00

Panels: Sang Don Lee (Pusan National University), Sinyeong Lee (Seoul Medical Center)
Jung Hyun Shin (Ewha Womans University), Juhyun Shin (Chungnam National University), Hoon ah Jang (UH’s Urology Clinic)
Byong Chang Jeong (Sungkyunkwan University), Do Gyeong Lim (Chonnam National University)
Meet the Expert 1

Room E1 (209A) / 08:00~09:00

08:00-09:00 Cancer patient longitudinal data and my valuable timetable management using spreadsheets and cloud storage

Sun Il Kim
Ajou University

Learning Objectives: To communicate your new findings to peers in a timely manner through clinical papers, it is important to have reliable clinical data sets ready to support your hypotheses. Additionally, surgeons must manage their own time and respect the time of others to fulfill the daily surgical schedule. I’d like to share with my audience my experience of using the logic capabilities of spreadsheets and data sharing via cloud storage to accomplish these and other tasks.

ICUrology Workshop

Room E1 (209A) / 09:30~11:00

Moderator: Kwangsung Park
(Editor-in-Chief of ICUrology, Chonnam National University)

09:30-09:40 Registration and opening address

09:40-10:00 Current update of ICUrology
Joo Yong Lee
Yonsei University

10:00-10:30 Increasing Journal Visibility and Impact
Chong-Kil Lee
Editor-in-Chief of Immune Network, Chungbuk National University

10:30-10:50 Reviewer of the Year Award 2023 and Most Cited Article Award 2023

10:50-11:00 Photographing and closing remark

Meet the Expert 2

Room E2 (209B) / 08:00~09:00

08:00-09:00 My experience with the disorder of sex development in Korea

Kun Suk Kim
University of Ulsan

Learning Objectives: The diagnosis and treatment process of patients with DSD is very complex and difficult to understand. In order to accurately manage these patients, it is necessary to understand the whole process of management such as the classification, diagnosis, sex assignment and corrective surgery of internal and external genital organs. I have been caring for patients in this field for a long time and I would like to share my long clinical experience.
# Scientific Programs

## Plenary Session 3

**Room A (103) / 09:00~12:00**

**Moderator**

- Seok Ho Kang (Korea University)
- Byong Chang Jeong (Sungkyunkwan University)

### 09:00-09:08

**Daily highlight**

- **Wan Song**
  - Sungkyunkwan University

### Endourology

**Management of Urolithiasis in Challenging cases**

- **09:08-09:20**
  - **Transplanted kidney**
  - **Hyuk Jin Cho**
  - The Catholic University of Korea

- **09:20-09:32**
  - **Horseshoe kidney**
  - **Jae Young Choi**
  - Yeungnam University

- **09:32-09:44**
  - **Urinary diversion**
  - **Young Eun Yoon**
  - Hanyang University

### State-of-the-art lecture

**Breaking with tradition: exploring upper pole puncture during supine PCNL**

- **Toh Charng Chee**
  - Hospital Selayang, Malaysia

- **Percutaneous nephrolithotomy in Vietnam**
  - **Le dinh khanh**
  - Hue University of Medicine and Pharmacy Hospital, Vietnam

### LUTS

**Debate: Adjuvant radiotherapy and timing of artificial urinary sphincter in patient with post-prostatectomy incontinence**

- **10:10-10:14**
  - **Case presentation**
  - **Hye Jin Byun**
  - Keimyung University

- **10:14-10:26**
  - **Radiotherapy first**
  - **Dong Gil Shin**
  - Pusan National University

- **10:26-10:38**
  - **Artificial urinary sphincter first**
  - **Jang Hwan Kim**
  - Yonsei University
State-of-the-art lecture

10:38-10:51  HoLEP for large volume prostates  
Azimdon N. Tursunkulov  
Akfa Medline Hospital, Uzbekistan

10:51-11:04  Incontinence Services - An Australian Perspective  
Helen O’Connell  
Epworth Hospital, Australia

Pediatrics

Debate: Buccal mucosal graft for urethral substitution

11:04-11:08  Case presentation  
Kwanjin Park  
Seoul National University

11:08-11:21  Pros  
Sang Woon Kim  
Yonsei University

11:21-11:34  Cons  
Jae Min Chung  
Pusan National University

State-of-the-art lecture

11:34-11:47  Robotics in Pediatric Urology: Where we are in 2023  
Aseem R. Shukla  
Children’s Hospital of Philadelphia, University of Pennsylvania, USA

11:47-12:00  Testicular tissue preservation before the management of pediatric malignancy  
Seung-Hun Song  
CHA University

Satellite Luncheon Symposium 6

Room A (103) / 12:00~12:20

Safety and Efficacy of Hanmitams 0.4mg as an Initial Dose in 1,219 Korean Patients with Moderate to Severe LUTS (Hanmi Tams Phase IV Trial)

Jung Ki Jo  
Hanyang University
**Scientific Programs**

**Day 3  Fri., November**

### Special Lecture
**Room A (103) / 14:30~14:40**

**Kim, Sae Chul’s Awards**  
*Moderator* Seok Ho Kang (KUA Director of Academic Committee, Korea University)

14:30~14:40  Special Lecture of ‘Kim, Sae Chul’s Awards’ Winner  
Ji-Kan Ryu  
Inha University

### Special Lecture
**Room A (103) / 14:40~15:30**

**National Insurance Strategy**  
*Moderator* Young Goo Lee (KUA Vice President, Hallym University)

14:40~15:20  Special Lecture: Direction of National Health Insurance Policy  
Hojun Son  
Division of Health Insurance Policy, Ministry of Health and Welfare

15:20~15:30  Q&A

### Semi Live Surgery 3
**Room A (103) / 15:30~17:00**

**Endourology**  
*Moderator* Sunghyun Paick (Konkuk University), Sung Yul Park (Hanyang University)

15:30~16:00  Robotic ureterolithotomy for impacted upper ureter stone  
Wonho Jung  
Keimyung University

16:00~16:30  Robotic RIRS using Easyendo system  
Joo Yong Lee  
Yonsei University

16:30~17:00  ECIRS for staghorn calculi  
Sung Yong Cho  
Seoul National University

*Panels: Kyungtae Ko (Hallym University), Tae Heon Kim (CHA University), Sun Tae Ahn (Korea University)*
Thematic session 3: Research

14:00-14:15  Urinary microbiome between acute and chronic recurrent cystitis: what is the difference?  
Woong Bin Kim  
Soonchunhyang University

14:15-14:30  Privacy Matters: Current Technology for Solving Privacy Issues of Artificial Intelligence in Medicine  
Jungyo Suh  
University of Ulsan

14:30-14:45  What should you know for genetic testing in prostate cancer: when, who, and how to test  
Sang Hun Song  
Seoul National University

14:45-15:00  Exploration of research topics for meta-analysis on endourology and urologic cancer  
Hae Do Jung  
Inje University
## Scientific Programs

### Nurse Forum

**Room C (202+203) / 09:00~12:00**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:00-09:10</td>
<td>Opening address</td>
<td>Mimi Oh</td>
<td>KUA Director of Women’s Policy Committee, Korea University</td>
</tr>
<tr>
<td></td>
<td>Congratulatory address</td>
<td>Jun Hyuk Hong</td>
<td>KUA president, University of Ulsan</td>
</tr>
</tbody>
</table>

### Common Urology Procedures

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:10-09:30</td>
<td>Management of Foley catheter and CIC</td>
<td>Jung Hyun Shin</td>
<td>Ewha Womans University</td>
</tr>
<tr>
<td>09:30-09:50</td>
<td>The Recurrent Cystitis Awareness Program (RECAP)</td>
<td>Sun Tae Ahn</td>
<td>Korea University</td>
</tr>
<tr>
<td>09:50-10:10</td>
<td>Information about Automated Endoscope Reprocessor (AER)</td>
<td>Yangkie Moon</td>
<td>OLYMPUS Korea</td>
</tr>
<tr>
<td>10:10-10:20</td>
<td>Q&amp;A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10:20-10:40</td>
<td>Break Time</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Common Urologic Diseases: Urolithiasis

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:40-11:00</td>
<td>Medical Management for Urolithiasis</td>
<td>Junghoon Lee</td>
<td>Seoul National University</td>
</tr>
<tr>
<td>11:00-11:20</td>
<td>How to Improve Results with Successful ESWL</td>
<td>Woong Bin Kim</td>
<td>Soonchunhyang University</td>
</tr>
<tr>
<td>11:20-11:40</td>
<td>The Role of 1st Assistant in Endoscopic Surgery for Urolithiasis</td>
<td>Kyu Won Lee</td>
<td>The Catholic University of Korea</td>
</tr>
<tr>
<td>11:40-12:00</td>
<td>Q&amp;A</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## UDS Workshop

**Room C (202+203) / 13:00~16:00**

### Session I - Urodynamic testing in children

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>13:00-13:20</td>
<td>Overview; Indications, technique, interpretation</td>
<td>Sang Woon Kim</td>
<td>Yonsei University</td>
</tr>
<tr>
<td></td>
<td>and significance</td>
<td></td>
<td></td>
</tr>
<tr>
<td>13:20-13:40</td>
<td>Pediatric UDS: Real practice</td>
<td>Jieun Park</td>
<td>Severance Children’s Hospital,</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Pediatric Bladder-Urethra Rehabilitation Clinic Nurse</td>
</tr>
<tr>
<td>13:40-14:00</td>
<td>Clinical applications</td>
<td>Yong Seung Lee</td>
<td>Yonsei University</td>
</tr>
<tr>
<td>14:00-14:20</td>
<td>Q&amp;A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>14:20-14:40</td>
<td>Coffee Break</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Session II - Urodynamic testing of neurogenic bladder in spinal cord injury

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>14:40-15:00</td>
<td>Overview; Indications, technique, interpretation</td>
<td>Sun-Ouck Kim</td>
<td>Chonnam National University</td>
</tr>
<tr>
<td></td>
<td>and significance</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15:00-15:20</td>
<td>UDS: Real practice</td>
<td>So Jeong Park</td>
<td>Chonnam National University Hospital, Urodynamic Nurse</td>
</tr>
<tr>
<td>15:20-15:40</td>
<td>Clinical applications</td>
<td>Hee Seo Son</td>
<td>Yonsei University</td>
</tr>
<tr>
<td>15:40-16:00</td>
<td>Q&amp;A</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Meet the Expert 3

Room D (205A+B) / 08:00~09:00

08:00-09:00 History, Sex and Syphilis
Seung-Ju Lee
The Catholic University of Korea

Learning Objectives: Five hundred years ago, Christopher Columbus reached the New World, and from there he brought back to Europe a previously unknown venereal disease, which was subsequently to be called syphilis. From the very beginning, this disease caused fear and consternation, due to its violent course, repulsive skin manifestations and high mortality.

Meet the Expert 4

Room E1 (209A) / 08:00~09:00

08:00-09:00 About my efforts, frustrations and achievements as a urologist, and about geriatric urology
Hong Sang Moon
Hanyang University

Learning Objectives: As a urologist, I have focused on the development of new medical devices and research in the field of big data. Some of the studies I have conducted have yielded good results, while others have not. Korea is on the verge of a super-aged society, and I think there will be more work to be done in the field of geriatric urology than ever before. Now I am trying to contribute to the development of the Korean Geriatric Urology Society as the president. I hope the story of my experience can help you.

Meet the Expert 5

Room E2 (209B) / 08:00~09:00

08:00-09:00 To Young Urologists Trying to Start Something New - such as HoLEP or Opening My Own Private Clinic
Byoung Kyu Han
Perfect Urology Clinic

Learning Objectives: Advances in MIS have made surgical treatment of many benign urological diseases possible on an outpatient basis. We're going to talk about what need to do to successfully and consistently perform HoLEP surgery at a small private clinic.
## KUA-AUA Resident Review Course

**Room 300 (3F), COEX Conference Room (South) / 09:30~17:00**

**Moderator:** Kwanjin Park, MD, PhD  
(KUA Director of Education and Training Committee)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
</table>
| 09:30-09:35 | **Welcome Remarks** | Jun Hyuk Hong, MD, PhD  
KUA President | Aseem R. Shukla, MD  
AUA Associate Secretary |
| 09:35-10:35 | **PEDIATRIC UROLOGY**  
Congenital Urinary Tract Abnormalities | Aseem R. Shukla, MD  
Children’s Hospital of Philadelphia,  
University of Pennsylvania | |
|         | • UPJ Obstruction, UVJ Obstruction (Megaureter)  
• Ureteroceles  
• Cystic Kidney Disease  
• Posterior Urethral Valves  
• Prune Belly Syndrome  
• Vesicoureteral Reflux | | |
| 10:35-11:35 | **PROSTATE CANCER**  
• Diagnosis and Screen, Staging, Imaging (including PSA Screening Controversies)  
• Treatment of Localized Cancer (U.S. Stages A and B), Watchful Waiting, Radiation, Interstitial Irradiation, Surgery, Cryosurgery and Hormonal Therapy  
• Treatment of Advanced Cancer (U.S. Stages C and D) and Treatment of Radiation Failure  
• DVT Prophylaxis | Christopher L. Amling, MD  
Oregon Health & Science University | |
| 11:35-12:35 | **URINARY TRACT INFECTIONS** | Yahir Santiago-Lastra, MD  
University of California San Diego Health | |
| 12:35-13:35 | **Lunch Break** | | |
| 13:35-14:45 | **BLADDER CANCER**  
• Staging and Risk Stratification of Muscle Invasive Bladder Cancer  
• Multidisciplinary Treatment including Radical Cystectomy, Lymphadenectomy, Peri-Operative Chemotherapy and Chemoradiation Therapy  
• Metabolic Derangements that Occur with Diversions  
• Other Bladder Sparing Treatments  
• Treatment of Metastatic Disease | Christopher L. Amling, MD  
Oregon Health & Science University | |
Scientific Programs

**Day 4**  4 Sat., November

**Room 300**

**INFERTILITY/ANDROLOGY**

14:45-15:45  
- Physiology and Pathophysiology of Male Reproduction  
- Evaluation of the Infertile Male  
- Treatment of the Infertile Male (Surgical and Non-surgical)  
- Hypogonadism  
- Testosterone Replacement

Hossein Sadeghi-Nejad, MD  
NYU Langone - NYU Grossman School of Medicine

**Afternoon Break**

15:45-16:00

**FEMALE UROLOGY**

16:00-17:00  
- Overactive Bladder/Urgency Incontinence  
- Stress Urinary Incontinence  
- Pelvic Organ Prolapse  
- Urethral Diverticulum  
- Urinary Fistula

Yahir Santiago-Lastra, MD  
University of California San Diego Health

17:00  
Closing Remarks

Kwanjin Park, MD, PhD  
KUA Director of Education and Training Committee

---

3F COEX South

① 코엑스 1층 동문 또는 남문2로 출입 후  
Enter through East Gate or South Gate 2 on the 1st floor of COEX

② 엘리베이터 또는 에스컬레이터를 이용하여 3층으로 이동  
Take the elevator or escalator to the 3rd floor

③ 안내 배너 확인 후 300호로 이동  
After checking the Information Banner, go to Room 300

KUA-AUA Resident Review Course  
Download Lecture Materials
# KUA Speakers

## A

**Sun Tae Ahn**  
*Korea University*  
*Speaker*  
*Nurse Forum*  
Nov. 3 (Fri.), 09:30-09:50 / Room C (202+203)

*Panel*  
*Semi Live Surgery 3*  
Nov. 3 (Fri.), 15:30-17:00 / Room A (103)

## B

**Jae Hyun Bae**  
*Korea University*  
*Moderator*  
*Podium 10*  
Nov. 2 (Thu.), 10:30-11:30 / Room B (201)

**Sangrak Bae**  
The Catholic University of Korea  
*Speaker*  
*Luncheon Symposium 5*  
Nov. 2 (Thu.), 12:00-12:15 / Room C (202+203)

*Moderator*  
*Nurse Forum*  
Nov. 3 (Fri.), 09:10-10:40 / Room C (202+203)

**Woong Jin Bae**  
The Catholic University of Korea  
*Speaker*  
*Semi Live Surgery 2*  
Nov. 2 (Thu.), 14:00-14:30 / Room A (103)

**Minki Baek**  
Sungkyunkwan University  
*Moderator*  
*Semi Live Surgery 2*  
Nov. 2 (Thu.), 15:00-16:00 / Room A (103)

*Moderator*  
*UDS Workshop*  
Nov. 3 (Fri.), 13:00-14:40 / Room C (202+203)

**Seokhwan Bang**  
The Catholic University of Korea  
*Speaker*  
*Plenary Session 1*  
Nov. 1 (Wed.), 09:55-10:07 / Room A (103)

**Hye Jin Byun**  
Keimyung University  
*Speaker*  
*Women’s Policy Workshop*  
Nov. 2 (Thu.), 13:00-14:00 / Room D (205A+B)

*Speaker*  
*Plenary Session 3*  
Nov. 3 (Fri.), 10:10-10:14 / Room A (103)

**Seok-Soo Byun**  
Seoul National University  
*Moderator*  
*Podium 8*  
Nov. 2 (Thu.), 09:30-10:30 / Room B (201)

## C

**In Ho Chang**  
Chung-Ang University  
*Panel*  
*Semi Live Surgery 1*  
Nov. 1 (Wed.), 16:00-17:00 / Room A (103)

*Moderator*  
*Podium 9*  
Nov. 2 (Thu.), 09:30-10:30 / Room C (202+203)

**Sang Hyeon Cheon**  
University of Ulsan  
*Panel*  
*Semi Live Surgery 1*  
Nov. 1 (Wed.), 15:00-16:00 / Room A (103)
# KUA Speakers

<table>
<thead>
<tr>
<th>Name</th>
<th>University/Institute</th>
<th>Role</th>
<th>Session/Workshop</th>
<th>Date</th>
<th>Time</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hyuk Jin Cho</td>
<td>The Catholic University of Korea</td>
<td>Speaker</td>
<td>Plenary Session 3</td>
<td>Nov. 3</td>
<td>09:08-09:20</td>
<td>Room A (103)</td>
</tr>
<tr>
<td>Kang Su Cho</td>
<td>Yonsei University</td>
<td>Speaker</td>
<td>Semi Live Surgery 1</td>
<td>Nov. 1</td>
<td>16:40-17:00</td>
<td>Room A (103)</td>
</tr>
<tr>
<td>Min Chul Cho</td>
<td>Seoul National University</td>
<td>Panel</td>
<td>Semi Live Surgery 2</td>
<td>Nov. 2</td>
<td>16:00-17:00</td>
<td>Room A (103)</td>
</tr>
<tr>
<td>Sung Yong Cho</td>
<td>Seoul National University</td>
<td>Speaker</td>
<td>Semi Live Surgery 3</td>
<td>Nov. 3</td>
<td>16:30-17:00</td>
<td>Room A (103)</td>
</tr>
<tr>
<td>Young Sam Cho</td>
<td>Sungkyunkwan University</td>
<td>Moderator</td>
<td>Podium 10</td>
<td>Nov. 2</td>
<td>10:30-11:30</td>
<td>Room B (201)</td>
</tr>
<tr>
<td>Jae Young Choi</td>
<td>Yeungnam University</td>
<td>Speaker</td>
<td>Plenary Session 3</td>
<td>Nov. 3</td>
<td>09:20-09:32</td>
<td>Room A (103)</td>
</tr>
<tr>
<td>Jong Bo Choi</td>
<td>Ajou University</td>
<td>Moderator</td>
<td>Semi Live Surgery 2</td>
<td>Nov. 2</td>
<td>14:00-15:00</td>
<td>Room A (103)</td>
</tr>
<tr>
<td>Se Young Choi</td>
<td>Chung-Ang University</td>
<td>Speaker</td>
<td>Luncheon Symposium 8</td>
<td>Nov. 3</td>
<td>12:00-12:20</td>
<td>Room C (202+203)</td>
</tr>
<tr>
<td>Taesoo Choi</td>
<td>Kyung Hee University</td>
<td>Speaker</td>
<td>Basic CME 필수교육</td>
<td>Nov. 1</td>
<td>11:30-12:00</td>
<td>Room C (202+203)</td>
</tr>
<tr>
<td>Young Hyo Choi</td>
<td>The Catholic University of Korea</td>
<td>Speaker</td>
<td>Thematic session 2</td>
<td>Nov. 2</td>
<td>13:04-13:17</td>
<td>Room A (103)</td>
</tr>
<tr>
<td>Min Soo Choo</td>
<td>Seoul National University</td>
<td>Panel</td>
<td>Ultrasound Hands-on Course</td>
<td>Nov. 1</td>
<td>09:50-12:00</td>
<td>Room D (205A+203)</td>
</tr>
<tr>
<td>Jae Min Chung</td>
<td>Pusan National University</td>
<td>Speaker</td>
<td>Plenary Session 3</td>
<td>Nov. 3</td>
<td>11:21-11:34</td>
<td>Room A (103)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Moderator</td>
<td>UDS Workshop</td>
<td>Nov. 3</td>
<td>13:00-14:40</td>
<td>Room C (202+203)</td>
</tr>
<tr>
<td>Jinsoo Chung</td>
<td>National Cancer Center</td>
<td>Moderator</td>
<td>Podium 3</td>
<td>Nov. 1</td>
<td>14:00-15:00</td>
<td>Room C (202+203)</td>
</tr>
</tbody>
</table>

**H**

<table>
<thead>
<tr>
<th>Name</th>
<th>University/Institute</th>
<th>Role</th>
<th>Session/Workshop</th>
<th>Date</th>
<th>Time</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hong Koo Ha</td>
<td>Pusan National University</td>
<td>Speaker</td>
<td>Plenary Session 1</td>
<td>Nov. 1</td>
<td>11:46-11:53</td>
<td>Room A (103)</td>
</tr>
<tr>
<td>Ji Yong Ha</td>
<td>Keimyung University</td>
<td>Speaker</td>
<td>Faculty CME 지도전문의교육</td>
<td>Nov. 1</td>
<td>09:40-10:00</td>
<td>Room B (201)</td>
</tr>
<tr>
<td>U-Syn Ha</td>
<td>The Catholic University of Korea</td>
<td>Speaker</td>
<td>Luncheon Symposium 2</td>
<td>Nov. 1</td>
<td>12:00-12:20</td>
<td>Room C (202+203)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Moderator</td>
<td>Video session 2</td>
<td>Nov. 2</td>
<td>13:00-14:00</td>
<td>Room C (202+203)</td>
</tr>
<tr>
<td>Won Sik Ham</td>
<td>Yonsei University</td>
<td>Moderator</td>
<td>Semi Live Surgery 1</td>
<td>Nov. 1</td>
<td>14:00-15:00</td>
<td>Room A (103)</td>
</tr>
<tr>
<td>Name</td>
<td>Institution</td>
<td>Role</td>
<td>Topic/Session</td>
<td>Date &amp; Time</td>
<td>Location</td>
<td></td>
</tr>
<tr>
<td>--------------------</td>
<td>------------------------------------</td>
<td>---------------</td>
<td>--------------------------------</td>
<td>------------------------------</td>
<td>---------------------------</td>
<td></td>
</tr>
<tr>
<td>Byoung Kyu Han</td>
<td>Perfect Urology Clinic</td>
<td>Speaker</td>
<td>Meet the Expert 5</td>
<td>Nov. 3 (Fri.), 08:00-09:00</td>
<td>Room E2 (209B)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Moderator</td>
<td>Nurse Forum</td>
<td>Nov. 3 (Fri.), 09:10-10:40</td>
<td>Room C (202+203)</td>
<td></td>
</tr>
<tr>
<td>Chang Hee Han</td>
<td>The Catholic University of Korea</td>
<td>Moderator</td>
<td>Podium 5</td>
<td>Nov. 1 (Wed.), 15:00-16:00</td>
<td>Room C (202+203)</td>
<td></td>
</tr>
<tr>
<td>Deok-Hyun Han</td>
<td>Sungkyunkwan University</td>
<td>Moderator</td>
<td>Podium 6</td>
<td>Nov. 1 (Wed.), 16:00-17:00</td>
<td>Room B (201)</td>
<td></td>
</tr>
<tr>
<td>Junhyun Han</td>
<td>Hallym University</td>
<td>Moderator</td>
<td>Podium 16</td>
<td>Nov. 2 (Thu.), 15:00-16:00</td>
<td>Room C (202+203)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Moderator</td>
<td>Luncheon Symposium 6</td>
<td>Nov. 3 (Fri.), 12:00-12:20</td>
<td>Room A (103)</td>
<td></td>
</tr>
<tr>
<td>Woong Kyu Han</td>
<td>Yonsei University</td>
<td>Moderator</td>
<td>Thematic session 2</td>
<td>Nov. 2 (Thu.), 13:00-14:00</td>
<td>Room A (103)</td>
<td></td>
</tr>
<tr>
<td>Bumsik Hong</td>
<td>University of Ulsan</td>
<td>Moderator</td>
<td>Semi Live Surgery 1</td>
<td>Nov. 1 (Wed.), 14:00-15:00</td>
<td>Room A (103)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Moderator</td>
<td>Podium 19</td>
<td>Nov. 3 (Fri.), 09:00-10:00</td>
<td>Room B (201)</td>
<td></td>
</tr>
<tr>
<td>Jun Hyuk Hong</td>
<td>University of Ulsan</td>
<td>Moderator</td>
<td>Women’s Policy Workshop</td>
<td>Nov. 2 (Thu.), 13:00-14:00</td>
<td>Room D (205A+B)</td>
<td></td>
</tr>
<tr>
<td>Sung Kyu Hong</td>
<td>Seoul National University</td>
<td>Moderator</td>
<td>Plenary Session 2</td>
<td>Nov. 2 (Thu.), 09:30-12:00</td>
<td>Room A (103)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Moderator</td>
<td>Podium 14</td>
<td>Nov. 2 (Thu.), 14:00-15:00</td>
<td>Room C (202+203)</td>
<td></td>
</tr>
<tr>
<td>Sung-Hoo Hong</td>
<td>The Catholic University of Korea</td>
<td>Moderator</td>
<td>Semi Live Surgery 1</td>
<td>Nov. 1 (Wed.), 15:00-16:00</td>
<td>Room A (103)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Moderator</td>
<td>Luncheon Symposium 7</td>
<td>Nov. 3 (Fri.), 12:00-12:20</td>
<td>Room B (201)</td>
<td></td>
</tr>
<tr>
<td>Eu Chang Hwang</td>
<td>Chonnam National University</td>
<td>Speaker</td>
<td>Plenary Session 1</td>
<td>Nov. 1 (Wed.), 10:31-10:43</td>
<td>Room A (103)</td>
<td></td>
</tr>
<tr>
<td>Jae Seog Hyun</td>
<td>Gyeongsang National University</td>
<td>Moderator</td>
<td>Podium 13</td>
<td>Nov. 2 (Thu.), 14:00-15:00</td>
<td>Room B (201)</td>
<td></td>
</tr>
<tr>
<td>Young Jae Im</td>
<td>Seoul National University</td>
<td>Speaker</td>
<td>Faculty CME 지도전문의교육</td>
<td>Nov. 1 (Wed.), 10:00-10:20</td>
<td>Room B (201)</td>
<td></td>
</tr>
</tbody>
</table>
# KUA Speakers

<table>
<thead>
<tr>
<th>Name</th>
<th>Affiliation</th>
<th>Role</th>
<th>Event</th>
<th>Date/Time/Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hoon ah Jang</td>
<td>Uls's Urology Clinic</td>
<td>Panel</td>
<td>Women's Policy Workshop</td>
<td>Nov. 2 (Thu.), 13:00-14:00 / Room D (205A+B)</td>
</tr>
<tr>
<td>Seung Hyun Jeon</td>
<td>Kyung Hee University</td>
<td>Moderator</td>
<td>Semi Live Surgery 1</td>
<td>Nov. 1 (Wed.), 15:00-16:00 / Room A (103)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Moderator</td>
<td>Thematic session 1</td>
<td>Nov. 1 (Wed.), 13:00-14:00 / Room A (103)</td>
</tr>
<tr>
<td>Byong Chang Jeong</td>
<td>Sungkyunkwan University</td>
<td>Panel</td>
<td>Women's Policy Workshop</td>
<td>Nov. 2 (Thu.), 13:00-14:00 / Room D (205A+B)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Moderator</td>
<td>Plenary Session 3</td>
<td>Nov. 3 (Fri.), 09:00-12:00 / Room A (103)</td>
</tr>
<tr>
<td>Chang Wook Jeong</td>
<td>Seoul National University</td>
<td>Speaker</td>
<td>Luncheon Symposium 1</td>
<td>Nov. 1 (Wed.), 12:00-12:20 / Room A (103)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Moderator</td>
<td>Podium 3</td>
<td>Nov. 1 (Wed.), 14:00-15:00 / Room C (202+203)</td>
</tr>
<tr>
<td>In Gab Jeong</td>
<td>University of Ulsan</td>
<td>Moderator</td>
<td>Podium 2</td>
<td>Nov. 1 (Wed.), 14:00-15:00 / Room B (201)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Panel</td>
<td>Semi Live Surgery 1</td>
<td>Nov. 1 (Wed.), 16:00-17:00 / Room A (103)</td>
</tr>
<tr>
<td>Jae Yong Jeong</td>
<td>NHIS Ilsan Hospital</td>
<td>Panel</td>
<td>Ultrasound Hands-on Course</td>
<td>Nov. 1 (Wed.), 09:50-12:00 / Room D (205A+B)</td>
</tr>
<tr>
<td>Seong Jin Jeong</td>
<td>Seoul National University</td>
<td>Speaker</td>
<td>Semi Live Surgery 2</td>
<td>Nov. 2 (Thu.), 14:30-15:00 / Room A (103)</td>
</tr>
<tr>
<td>Jung Ki Jo</td>
<td>Hanyang University</td>
<td>Speaker</td>
<td>Luncheon Symposium 6</td>
<td>Nov. 3 (Fri.), 12:00-12:20 / Room A (103)</td>
</tr>
<tr>
<td>Moon Ki Jo</td>
<td>Korea Cancer Center Hospital</td>
<td>Moderator</td>
<td>Podium 9</td>
<td>Nov. 2 (Thu.), 09:30-10:30 / Room C (202+203)</td>
</tr>
<tr>
<td>Kwan Joong Joo</td>
<td>Sungkyunkwan University</td>
<td>Moderator</td>
<td>Video session 2</td>
<td>Nov. 2 (Thu.), 13:00-14:00 / Room C (202+203)</td>
</tr>
<tr>
<td>Jae Young Joung</td>
<td>National Cancer Center</td>
<td>Moderator</td>
<td>Luncheon Symposium 2</td>
<td>Nov. 1 (Wed.), 12:00-12:20 / Room C (202+203)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Moderator</td>
<td>Podium 21</td>
<td>Nov. 3 (Fri.), 11:00-12:00 / Room B (201)</td>
</tr>
<tr>
<td>Hae Do Jung</td>
<td>Inje University</td>
<td>Speaker</td>
<td>Thematic session 3</td>
<td>Nov. 3 (Fri.), 14:45-15:00 / Room B (201)</td>
</tr>
<tr>
<td>Seung Il Jung</td>
<td>Chonnam National University</td>
<td>Moderator</td>
<td>Video session 1</td>
<td>Nov. 1 (Wed.), 13:00-14:00 / Room C (202+203)</td>
</tr>
<tr>
<td>Wonho Jung</td>
<td>Keimyung University</td>
<td>Speaker</td>
<td>Semi Live Surgery 3</td>
<td>Nov. 3 (Fri.), 15:30-16:00 / Room A (103)</td>
</tr>
<tr>
<td>Speaker/Panel/Moderator</td>
<td>Event</td>
<td>Date/Time/Room</td>
<td></td>
<td></td>
</tr>
<tr>
<td>------------------------</td>
<td>------------------------------</td>
<td>---------------------------------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sung Chul Kam</td>
<td>Basic CME 필수교육</td>
<td>Nov. 1 (Wed.), 11:00-11:30 / Room C (202+203)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Semi Live Surgery 2</td>
<td>Nov. 2 (Thu.), 16:00-17:00 / Room A (103)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dong Hyuk Kang</td>
<td>Panel Semi Live Surgery 2</td>
<td>Nov. 1 (Wed.), 15:00-16:00 / Room A (103)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Seok Ho Kang</td>
<td>Moderator Plenary Session 1</td>
<td>Nov. 1 (Wed.), 09:00-12:00 / Room A (103)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Speaker Semi Live Surgery 1</td>
<td>Nov. 1 (Wed.), 14:00-14:30 / Room A (103)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Speaker Semi Live Surgery 1</td>
<td>Nov. 1 (Wed.), 14:30-15:00 / Room A (103)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Moderator Plenary Session 2</td>
<td>Nov. 2 (Thu.), 09:30-12:00 / Room A (103)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Moderator Plenary Session 3</td>
<td>Nov. 3 (Fri.), 09:00-12:00 / Room A (103)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sung Gu Kang</td>
<td>Panel Semi Live Surgery 1</td>
<td>Nov. 1 (Wed.), 16:00-17:00 / Room A (103)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Moderator Podium 14</td>
<td>Nov. 2 (Thu.), 14:00-15:00 / Room C (202+203)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aram Kim</td>
<td>Speaker Plenary Session 1</td>
<td>Nov. 1 (Wed.), 11:53-12:00 / Room A (103)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bum Soo Kim</td>
<td>Moderator Podium 6</td>
<td>Nov. 1 (Wed.), 16:00-17:00 / Room B (201)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Doosang Kim</td>
<td>Panel Semi Live Surgery 2</td>
<td>Nov. 2 (Thu.), 15:00-16:00 / Room A (103)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hong Wook Kim</td>
<td>Speaker Ultrasound Hands-on Course</td>
<td>Nov. 1 (Wed.), 09:10-09:30 / Room D (205A+B)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Panel Ultrasound Hands-on Course</td>
<td>Nov. 1 (Wed.), 09:50-10:00 / Room D (205A+B)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hyung Joon Kim</td>
<td>Panel Semi Live Surgery 1</td>
<td>Nov. 1 (Wed.), 15:00-16:00 / Room A (103)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jae Heon Kim</td>
<td>Moderator Podium 4</td>
<td>Nov. 1 (Wed.), 15:00-16:00 / Room B (201)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Speaker Luncheon Symposium 3</td>
<td>Nov. 2 (Thu.), 12:00-12:20 / Room A (103)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jang Hwan Kim</td>
<td>Moderator Ultrasound Hands-on Course</td>
<td>Nov. 1 (Wed.), 09:00-12:00 / Room D (205A+B)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Moderator Podium 18</td>
<td>Nov. 2 (Thu.), 16:00-17:00 / Room C (202+203)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Speaker Plenary Session 3</td>
<td>Nov. 3 (Fri.), 10:26-10:38 / Room A (103)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## KUA Speakers

<table>
<thead>
<tr>
<th>Name</th>
<th>Position/Institution</th>
<th>Session</th>
<th>Date/Time</th>
<th>Room/Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jong Wook Kim</td>
<td>Moderator, Korea University</td>
<td>Plenary 1</td>
<td>Nov. 1 (Wed.), 09:00-12:00</td>
<td>Room A (103)</td>
</tr>
<tr>
<td></td>
<td>Speaker</td>
<td>Plenary 1</td>
<td>Nov. 1 (Wed.), 09:15-09:27</td>
<td>Room A (103)</td>
</tr>
<tr>
<td>Jung Kwon Kim</td>
<td>Speaker, Seoul National University</td>
<td>Thematic 2</td>
<td>Nov. 2 (Thu.), 13:17-13:30</td>
<td>Room A (103)</td>
</tr>
<tr>
<td>Kun Suk Kim</td>
<td>Speaker, University of Ulsan</td>
<td>Meet the Expert 2</td>
<td>Nov. 2 (Thu.), 08:00-09:00</td>
<td>Room E2 (209B)</td>
</tr>
<tr>
<td>Kwang Hyun Kim</td>
<td>Speaker, Ewha Womans University</td>
<td>Semi Live Surgery 1</td>
<td>Nov. 1 (Wed.), 15:00-16:00</td>
<td>Room A (103)</td>
</tr>
<tr>
<td>Myung Ki Kim</td>
<td>Panel, Jeonbuk National University</td>
<td>Semi Live Surgery 2</td>
<td>Nov. 2 (Thu.), 14:00-15:00</td>
<td>Room A (103)</td>
</tr>
<tr>
<td>Sang Woon Kim</td>
<td>Speaker, Yonsei University</td>
<td>Plenary 3</td>
<td>Nov. 3 (Fri.), 11:08-11:21</td>
<td>Room A (103)</td>
</tr>
<tr>
<td></td>
<td>Speaker, UDS Workshop</td>
<td>UDS Workshop</td>
<td>Nov. 3 (Fri.), 13:00-13:20</td>
<td>Room C (202+203)</td>
</tr>
<tr>
<td>Soo Woong Kim</td>
<td>Moderator, Seoul National University</td>
<td>Podium 13</td>
<td>Nov. 2 (Thu.), 14:00-15:00</td>
<td>Room B (201)</td>
</tr>
<tr>
<td>Su Jin Kim</td>
<td>Speaker, Hallym University</td>
<td>Plenary 1</td>
<td>Nov. 1 (Wed.), 10:56-11:09</td>
<td>Room A (103)</td>
</tr>
<tr>
<td>Sun Il Kim</td>
<td>Moderator, Ajou University</td>
<td>Podium 2</td>
<td>Nov. 1 (Wed.), 14:00-15:00</td>
<td>Room B (201)</td>
</tr>
<tr>
<td></td>
<td>Speaker, Meet the Expert 1</td>
<td>Meet the Expert 1</td>
<td>Nov. 2 (Thu.), 08:00-09:00</td>
<td>Room E1 (209A)</td>
</tr>
<tr>
<td>Sun-Ouck Kim</td>
<td>Moderator, Chonnam National University</td>
<td>Podium 12</td>
<td>Nov. 2 (Thu.), 13:00-14:00</td>
<td>Room B (201)</td>
</tr>
<tr>
<td></td>
<td>Speaker, UDS Workshop</td>
<td>UDS Workshop</td>
<td>Nov. 3 (Fri.), 14:40-15:00</td>
<td>Room C (202+203)</td>
</tr>
<tr>
<td>Tae Heon Kim</td>
<td>Panel, CHA University</td>
<td>Semi Live Surgery 3</td>
<td>Nov. 3 (Fri.), 15:30-17:00</td>
<td>Room A (103)</td>
</tr>
<tr>
<td>Tae Hyo Kim</td>
<td>Moderator, Dong-A University</td>
<td>KUA-Korean Public Health Policy Institute Joint Session</td>
<td>Nov. 2 (Thu.), 10:00-11:00</td>
<td>Room D (205A+B)</td>
</tr>
<tr>
<td></td>
<td>Speaker, KUA-Korean Public Health Policy Institute Joint Session</td>
<td>Nov. 2 (Thu.), 10:10-10:20</td>
<td>Room D (205A+B)</td>
<td></td>
</tr>
<tr>
<td>Tae Nam Kim</td>
<td>Speaker, Pusan National University</td>
<td>Semi Live Surgery 1</td>
<td>Nov. 1 (Wed.), 16:20-16:40</td>
<td>Room A (103)</td>
</tr>
<tr>
<td>Tae-Hwan Kim</td>
<td>Moderator, Kyungpook National University</td>
<td>Basic CME 필수교육</td>
<td>Nov. 1 (Wed.), 10:00-12:00</td>
<td>Room C (202+203)</td>
</tr>
<tr>
<td></td>
<td>Panel, Semi Live Surgery 1</td>
<td>Nov. 1 (Wed.), 14:00-15:00</td>
<td>Room A (103)</td>
<td></td>
</tr>
<tr>
<td>Name</td>
<td>Affiliation</td>
<td>Role</td>
<td>Event</td>
<td>Date</td>
</tr>
<tr>
<td>-----------------------</td>
<td>-------------------------------------</td>
<td>---------------</td>
<td>------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>Woong Bin Kim</td>
<td>Soonchunhyang University</td>
<td>Speaker</td>
<td>Nurse Forum</td>
<td>Nov. 3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Thematic session 3</td>
<td>Nov. 3</td>
</tr>
<tr>
<td>Yeon-Joo Kim</td>
<td>Daegu Fatima Hospital</td>
<td>Speaker</td>
<td>Basic CME 필수교육</td>
<td>Nov. 1</td>
</tr>
<tr>
<td>Yong-June Kim</td>
<td>Chungbuk National University</td>
<td>Moderator</td>
<td>Podium 8</td>
<td>Nov. 2</td>
</tr>
<tr>
<td>Young Ho Kim</td>
<td>Soonchunhyang University</td>
<td>Moderator</td>
<td>Podium 11</td>
<td>Nov. 2</td>
</tr>
<tr>
<td>Kwang Jin Ko</td>
<td>Sungkyunkwan University</td>
<td>Moderator</td>
<td>UDS Workshop</td>
<td>Nov. 3</td>
</tr>
<tr>
<td>Kyungtae Ko</td>
<td>Hallym University</td>
<td>Moderator</td>
<td>Nurse Forum</td>
<td>Nov. 3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Panel</td>
<td>Semi Live Surgery 3</td>
<td>Nov. 3</td>
</tr>
<tr>
<td>Young Hwii Ko</td>
<td>Yeungnam University</td>
<td>Speaker</td>
<td>Semi Live Surgery 1</td>
<td>Nov. 1</td>
</tr>
<tr>
<td>Dong Hoon Koh</td>
<td>Konyang University</td>
<td>Speaker</td>
<td>Plenary Session 1</td>
<td>Nov. 1</td>
</tr>
<tr>
<td>Ja Hyeon Ku</td>
<td>Seoul National University</td>
<td>Moderator</td>
<td>Thematic session 1</td>
<td>Nov. 1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Moderator</td>
<td>Podium 19</td>
<td>Nov. 3</td>
</tr>
<tr>
<td>Cheol Kwak</td>
<td>Seoul National University</td>
<td>Moderator</td>
<td>Semi Live Surgery 1</td>
<td>Nov. 1</td>
</tr>
<tr>
<td>Dong Deuk Kwon</td>
<td>Chonnam National University</td>
<td>Moderator</td>
<td>Podium 17</td>
<td>Nov. 2</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Name</th>
<th>Affiliation</th>
<th>Role</th>
<th>Event</th>
<th>Date</th>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chang Ki Lee</td>
<td>Goldman Urology Clinic</td>
<td>Panel</td>
<td>Ultrasound Hands-on Course</td>
<td>Nov. 1</td>
<td>09:50-12:00</td>
<td>Room D (205A+B)</td>
</tr>
<tr>
<td>Chunwoo Lee</td>
<td>Gyeongsang National University</td>
<td>Speaker</td>
<td>Plenary Session 1</td>
<td>Nov. 1</td>
<td>09:52-09:55</td>
<td>Room A (103)</td>
</tr>
<tr>
<td>Dong Hyeon Lee</td>
<td>Ewha Womans University</td>
<td>Speaker</td>
<td>Semi Live Surgery 1</td>
<td>Nov. 1</td>
<td>14:00-14:30</td>
<td>Room A (103)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Speaker</td>
<td>Semi Live Surgery 1</td>
<td>Nov. 1</td>
<td>14:30-15:00</td>
<td>Room A (103)</td>
</tr>
<tr>
<td>Hyung-Lae Lee</td>
<td>Kyung Hee University</td>
<td>Moderator</td>
<td>Thematic session 3</td>
<td>Nov. 3</td>
<td>14:00-15:00</td>
<td>Room B (201)</td>
</tr>
</tbody>
</table>
## KUA Speakers

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Title</th>
<th>Date</th>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jeong Woo Lee</td>
<td>Moderator</td>
<td>Nurse Forum</td>
<td>Nov. 3 (Fri.)</td>
<td>10:40-12:00</td>
<td>Room C (202+203)</td>
</tr>
<tr>
<td>Ji Youl Lee</td>
<td>Moderator</td>
<td>Semi Live Surgery 1</td>
<td>Nov. 1 (Wed.)</td>
<td>16:00-17:00</td>
<td>Room A (103)</td>
</tr>
<tr>
<td>Joo Yong Lee</td>
<td>Speaker</td>
<td>ICUrology Workshop</td>
<td>Nov. 2 (Thu.)</td>
<td>09:40-10:00</td>
<td>Room E1 (209A)</td>
</tr>
<tr>
<td></td>
<td>Speaker</td>
<td>Semi Live Surgery 3</td>
<td>Nov. 3 (Fri.)</td>
<td>16:00-16:30</td>
<td>Room A (103)</td>
</tr>
<tr>
<td>Jun Nyung Lee</td>
<td>Panel</td>
<td>Semi Live Surgery 2</td>
<td>Nov. 2 (Thu.)</td>
<td>15:00-16:00</td>
<td>Room A (103)</td>
</tr>
<tr>
<td>Junghoon Lee</td>
<td>Speaker</td>
<td>Nurse Forum</td>
<td>Nov. 3 (Fri.)</td>
<td>10:40-11:00</td>
<td>Room C (202+203)</td>
</tr>
<tr>
<td>Kyu-Sung Lee</td>
<td>Moderator</td>
<td>Luncheon Symposium 5</td>
<td>Nov. 2 (Thu.)</td>
<td>12:00-12:30</td>
<td>Room C (202+203)</td>
</tr>
<tr>
<td>Kyu Won Lee</td>
<td>Speaker</td>
<td>Nurse Forum</td>
<td>Nov. 3 (Fri.)</td>
<td>11:20-11:40</td>
<td>Room C (202+203)</td>
</tr>
<tr>
<td></td>
<td>Panel</td>
<td>Women's Policy Workshop</td>
<td>Nov. 2 (Thu.)</td>
<td>13:00-14:00</td>
<td>Room D (205A+B)</td>
</tr>
<tr>
<td>Sang Don Lee</td>
<td>Moderator</td>
<td>Semi Live Surgery 2</td>
<td>Nov. 2 (Thu.)</td>
<td>15:00-16:00</td>
<td>Room A (103)</td>
</tr>
<tr>
<td></td>
<td>Speaker</td>
<td>Podium 21</td>
<td>Nov. 3 (Fri.)</td>
<td>11:00-12:00</td>
<td>Room B (201)</td>
</tr>
<tr>
<td>Seung Hwan Lee</td>
<td>Speaker</td>
<td>Meet the Expert 3</td>
<td>Nov. 3 (Fri.)</td>
<td>08:00-09:00</td>
<td>Room D (205A+B)</td>
</tr>
<tr>
<td>Seung-Ju Lee</td>
<td>Speaker</td>
<td>Women's Policy Workshop</td>
<td>Nov. 2 (Thu.)</td>
<td>13:00-14:00</td>
<td>Room D (205A+B)</td>
</tr>
<tr>
<td>Sinyeong Lee</td>
<td>Panel</td>
<td>Women's Policy Workshop</td>
<td>Nov. 2 (Thu.)</td>
<td>09:51-10:04</td>
<td>Room A (103)</td>
</tr>
<tr>
<td>Won Ki Lee</td>
<td>Speaker</td>
<td>Plenary Session 2</td>
<td>Nov. 2 (Thu.)</td>
<td>13:00-14:00</td>
<td>Room D (205A+B)</td>
</tr>
<tr>
<td>Yong Seung Lee</td>
<td>Speaker</td>
<td>Semi Live Surgery 2</td>
<td>Nov. 2 (Thu.)</td>
<td>15:30-16:00</td>
<td>Room A (103)</td>
</tr>
<tr>
<td></td>
<td>Speaker</td>
<td>UDS Workshop</td>
<td>Nov. 3 (Fri.)</td>
<td>13:40-14:00</td>
<td>Room C (202+203)</td>
</tr>
<tr>
<td>Young Goo Lee</td>
<td>Moderator</td>
<td>Special Lecture (National Insurance Strategy)</td>
<td>Nov. 3 (Fri.)</td>
<td>14:40-15:30</td>
<td>Room A (103)</td>
</tr>
<tr>
<td>Young-Suk Lee</td>
<td>Moderator</td>
<td>UDS Workshop</td>
<td>Nov. 3 (Fri.)</td>
<td>14:40-16:00</td>
<td>Room C (202+203)</td>
</tr>
<tr>
<td>Bumjin Lim</td>
<td>Panel</td>
<td>Semi Live Surgery 1</td>
<td>Nov. 1 (Wed.)</td>
<td>14:00-15:00</td>
<td>Room A (103)</td>
</tr>
<tr>
<td>Do Gyeong Lim</td>
<td>Panel</td>
<td>Women's Policy Workshop</td>
<td>Nov. 2 (Thu.)</td>
<td>13:00-14:00</td>
<td>Room D (205A+B)</td>
</tr>
<tr>
<td>Name</td>
<td>Role</td>
<td>Event Description</td>
<td>Date</td>
<td>Time</td>
<td>Location</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>--------------------</td>
<td>--------------------------------------------------------</td>
<td>-----------------</td>
<td>------------------</td>
<td>------------------</td>
</tr>
<tr>
<td>Gyeong Eun Min</td>
<td>Speaker</td>
<td>Faculty CME 지도전문의교육</td>
<td>Nov. 1 (Wed.)</td>
<td>11:00-11:20</td>
<td>Room B (201)</td>
</tr>
<tr>
<td>Kweon Sik Min</td>
<td>Moderator</td>
<td>KUA-Korean Public Health Policy Institute Joint Session</td>
<td>Nov. 2 (Thu.)</td>
<td>10:20-10:55</td>
<td>Room D (205A+B)</td>
</tr>
<tr>
<td>Hong Sang Moon</td>
<td>Moderator</td>
<td>Podium 11</td>
<td>Nov. 2 (Thu.)</td>
<td>10:30-11:30</td>
<td>Room C (202+203)</td>
</tr>
<tr>
<td></td>
<td>Speaker</td>
<td>Meet the Expert 4</td>
<td>Nov. 3 (Fri.)</td>
<td>08:00-09:00</td>
<td>Room E1 (209A)</td>
</tr>
<tr>
<td>Kyung Hyun Moon</td>
<td>Moderator</td>
<td>Video session 1</td>
<td>Nov. 1 (Wed.)</td>
<td>13:00-14:00</td>
<td>Room C (202+203)</td>
</tr>
<tr>
<td>Young Joon Moon</td>
<td>Panel</td>
<td>Ultrasound Hands-on Course</td>
<td>Nov. 1 (Wed.)</td>
<td>09:50-12:00</td>
<td>Room D (205A+B)</td>
</tr>
<tr>
<td>Jongkil Nam</td>
<td>Panel</td>
<td>Semi Live Surgery 1</td>
<td>Nov. 1 (Wed.)</td>
<td>14:00-15:00</td>
<td>Room A (103)</td>
</tr>
<tr>
<td></td>
<td>Moderator</td>
<td>Podium 7</td>
<td>Nov. 1 (Wed.)</td>
<td>16:00-17:00</td>
<td>Room C (202+203)</td>
</tr>
<tr>
<td>Joonhwa Noh</td>
<td>Moderator</td>
<td>Podium 18</td>
<td>Nov. 2 (Thu.)</td>
<td>16:00-17:00</td>
<td>Room C (202+203)</td>
</tr>
<tr>
<td>Tae Il Noh</td>
<td>Speaker</td>
<td>Thematic session 1</td>
<td>Nov. 1 (Wed.)</td>
<td>13:00-13:04</td>
<td>Room A (103)</td>
</tr>
<tr>
<td>Cheol Young Oh</td>
<td>Panel</td>
<td>Semi Live Surgery 2</td>
<td>Nov. 2 (Thu.)</td>
<td>14:00-15:00</td>
<td>Room A (103)</td>
</tr>
<tr>
<td>Jin Kyu Oh</td>
<td>Speaker</td>
<td>Plenary Session 1</td>
<td>Nov. 1 (Wed.)</td>
<td>09:27-09:39</td>
<td>Room A (103)</td>
</tr>
<tr>
<td></td>
<td>Moderator</td>
<td>Podium 1</td>
<td>Nov. 1 (Wed.)</td>
<td>13:00-14:00</td>
<td>Room B (201)</td>
</tr>
<tr>
<td>Mimi Oh</td>
<td>Speaker</td>
<td>Luncheon Symposium 5</td>
<td>Nov. 2 (Thu.)</td>
<td>12:15-12:30</td>
<td>Room C (202+203)</td>
</tr>
<tr>
<td></td>
<td>Moderator</td>
<td>Women's Policy Workshop</td>
<td>Nov. 2 (Thu.)</td>
<td>13:00-14:00</td>
<td>Room D (205A+B)</td>
</tr>
</tbody>
</table>
# KUA Speakers

## P

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Date</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sunghyun Paick</td>
<td>Moderator Semi Live Surgery 3</td>
<td>Nov. 3 (Fri.), 15:30-17:00 / Room A (103)</td>
<td></td>
</tr>
<tr>
<td>Sahyun Pak</td>
<td>Speaker Faculty CME 지도전문의교육</td>
<td>Nov. 1 (Wed.), 11:20-11:40 / Room B (201)</td>
<td></td>
</tr>
<tr>
<td>Hong Seok Park</td>
<td>Moderator Podium 17</td>
<td>Nov. 2 (Thu.), 16:00-17:00 / Room B (201)</td>
<td></td>
</tr>
<tr>
<td>Hyun Jun Park</td>
<td>Speaker Plenary Session 2</td>
<td>Nov. 2 (Thu.), 10:04-10:17 / Room A (103)</td>
<td></td>
</tr>
<tr>
<td>Jae Young Park</td>
<td>Moderator Luncheon Symposium 1</td>
<td>Nov. 1 (Wed.), 12:00-12:20 / Room A (103)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Moderator Podium 20</td>
<td>Nov. 3 (Fri.), 10:00-11:00 / Room B (201)</td>
<td></td>
</tr>
<tr>
<td>Jinsung Park</td>
<td>Speaker Semi Live Surgery 1</td>
<td>Nov. 1 (Wed.), 16:00-16:20 / Room A (103)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Moderator Podium 15</td>
<td>Nov. 2 (Thu.), 15:00-16:00 / Room B (201)</td>
<td></td>
</tr>
<tr>
<td>Juhyun Park</td>
<td>Speaker Plenary Session 2</td>
<td>Nov. 2 (Thu.), 09:30-09:38 / Room A (103)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Speaker Luncheon Symposium 4</td>
<td>Nov. 2 (Thu.), 12:00-12:20 / Room B (201)</td>
<td></td>
</tr>
<tr>
<td>Kwangsung Park</td>
<td>Moderator ICUrology Workshop</td>
<td>Nov. 2 (Thu.), 09:30-11:00 / Room E1 (209A)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Moderator Faculty CME 지도전문의교육</td>
<td>Nov. 1 (Wed.), 09:00-13:00 / Room B (201)</td>
<td></td>
</tr>
<tr>
<td>Kwanjin Park</td>
<td>Speaker Semi Live Surgery 2</td>
<td>Nov. 2 (Thu.), 15:00-15:30 / Room A (103)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Speaker Plenary Session 3</td>
<td>Nov. 3 (Fri.), 11:04-11:08 / Room A (103)</td>
<td></td>
</tr>
<tr>
<td>Min Gu Park</td>
<td>Moderator Podium 4</td>
<td>Nov. 1 (Wed.), 15:00-16:00 / Room B (201)</td>
<td></td>
</tr>
<tr>
<td>Sung Hun Park</td>
<td>Speaker Semi Live Surgery 2</td>
<td>Nov. 2 (Thu.), 16:00-16:30 / Room A (103)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Speaker Semi Live Surgery 2</td>
<td>Nov. 2 (Thu.), 16:30-17:00 / Room A (103)</td>
<td></td>
</tr>
<tr>
<td>Sung Yul Park</td>
<td>Moderator Semi Live Surgery 3</td>
<td>Nov. 3 (Fri.), 15:30-17:00 / Room A (103)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Moderator Podium 5</td>
<td>Nov. 1 (Wed.), 15:00-16:00 / Room C (202+203)</td>
<td></td>
</tr>
<tr>
<td>Sungchan Park</td>
<td>Speaker Thematic session 2</td>
<td>Nov. 2 (Thu.), 13:00-13:04 / Room A (103)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Speaker Luncheon Symposium 7</td>
<td>Nov. 3 (Fri.), 12:00-12:20 / Room B (201)</td>
<td></td>
</tr>
<tr>
<td>Name</td>
<td>Title/Role</td>
<td>Venue/Date</td>
<td></td>
</tr>
<tr>
<td>-----------------------</td>
<td>-----------------------------</td>
<td>-----------------------------------</td>
<td></td>
</tr>
<tr>
<td><strong>Dong Soo Ryu</strong></td>
<td>Moderator Podium 12</td>
<td>Nov. 2 (Thu.), 13:00-14:00 / Room B (201)</td>
<td></td>
</tr>
<tr>
<td><strong>Ji-Kan Ryu</strong></td>
<td>Moderator Semi Live Surgery 2</td>
<td>Nov. 2 (Thu.), 16:00-17:00 / Room A (103)</td>
<td></td>
</tr>
<tr>
<td><strong>Speaker</strong></td>
<td>Special Lecture (Kim, Sae Chul’s Awards)</td>
<td>Nov. 3 (Fri.), 14:30-14:40 / Room A (103)</td>
<td></td>
</tr>
<tr>
<td><strong>Ho Kyung Seo</strong></td>
<td>Speaker Thematic session 1</td>
<td>Nov. 1 (Wed.), 13:04-13:17 / Room A (103)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Moderator Luncheon Symposium 8</td>
<td>Nov. 3 (Fri.), 12:00-12:20 / Room C (202+203)</td>
<td></td>
</tr>
<tr>
<td><strong>Seong Il Seo</strong></td>
<td>Moderator Thematic session 2</td>
<td>Nov. 2 (Thu.), 13:00-14:00 / Room A (103)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Moderator Podium 20</td>
<td>Nov. 3 (Fri.), 10:00-11:00 / Room B (201)</td>
<td></td>
</tr>
<tr>
<td><strong>Ji Sung Shim</strong></td>
<td>Panel Semi Live Surgery 2</td>
<td>Nov. 2 (Thu.), 14:00-15:00 / Room A (103)</td>
<td></td>
</tr>
<tr>
<td><strong>Dong Gil Shin</strong></td>
<td>Moderator Podium 1</td>
<td>Nov. 1 (Wed.), 13:00-14:00 / Room B (201)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Speaker Plenary Session 3</td>
<td>Nov. 3 (Fri.), 10:14-10:26 / Room A (103)</td>
<td></td>
</tr>
<tr>
<td><strong>Hong Seok Shin</strong></td>
<td>Panel Semi Live Surgery 2</td>
<td>Nov. 2 (Thu.), 16:00-17:00 / Room A (103)</td>
<td></td>
</tr>
<tr>
<td><strong>Juhyun Shin</strong></td>
<td>Panel Women’s Policy Workshop</td>
<td>Nov. 2 (Thu.), 13:00-14:00 / Room D (205A+B)</td>
<td></td>
</tr>
<tr>
<td><strong>Jung Hyun Shin</strong></td>
<td>Panel Women’s Policy Workshop</td>
<td>Nov. 2 (Thu.), 13:00-14:00 / Room D (205A+B)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Speaker Nurse Forum</td>
<td>Nov. 3 (Fri.), 09:10-09:30 / Room C (202+203)</td>
<td></td>
</tr>
<tr>
<td><strong>Hee Seo Son</strong></td>
<td>Speaker UDS Workshop</td>
<td>Nov. 3 (Fri.), 15:20-15:40 / Room C (202+203)</td>
<td></td>
</tr>
<tr>
<td><strong>Hwancheol Son</strong></td>
<td>Moderator Semi Live Surgery 2</td>
<td>Nov. 2 (Thu.), 16:00-17:00 / Room A (103)</td>
<td></td>
</tr>
<tr>
<td><strong>Cheryn Song</strong></td>
<td>Speaker Plenary Session 1</td>
<td>Nov. 1 (Wed.), 10:19-10:31 / Room A (103)</td>
<td></td>
</tr>
</tbody>
</table>
## KUA Speakers

<table>
<thead>
<tr>
<th>Name</th>
<th>Position/Institution</th>
<th>Session/Topic</th>
<th>Date/Time/Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phil Hyun Song</td>
<td>Speaker, Yeungnam University</td>
<td>Basic CME 필수교육</td>
<td>Nov. 1 (Wed.), 10:00-10:30 / Room C (202+203)</td>
</tr>
<tr>
<td>Sang Hoon Song</td>
<td>Panel, University of Ulsan</td>
<td>Semi Live Surgery 2</td>
<td>Nov. 2 (Thu.), 15:00-16:00 / Room A (103)</td>
</tr>
<tr>
<td>Sang Hun Song</td>
<td>Speaker, Seoul National University</td>
<td>Thematic session 3</td>
<td>Nov. 3 (Fri.), 14:30-14:45 / Room B (201)</td>
</tr>
<tr>
<td>Seung-Hun Song</td>
<td>Speaker, CHA University</td>
<td>Plenary Session 3</td>
<td>Nov. 3 (Fri.), 11:47-12:00 / Room A (103)</td>
</tr>
<tr>
<td>Wan Song</td>
<td>Speaker, Sungkyunkwan University</td>
<td>Faculty CME 지도전문의교육</td>
<td>Nov. 1 (Wed.), 10:40-11:00 / Room B (201)</td>
</tr>
<tr>
<td>Jungyo Suh</td>
<td>Speaker, University of Ulsan</td>
<td>Thematic session 3</td>
<td>Nov. 3 (Fri.), 14:15-14:30 / Room B (201)</td>
</tr>
<tr>
<td>Hyun Hwan Sung</td>
<td>Speaker, Sungkyunkwan University</td>
<td>Thematic session 1</td>
<td>Nov. 1 (Wed.), 13:17-13:30 / Room A (103)</td>
</tr>
<tr>
<td></td>
<td>Moderator, Podium 7</td>
<td></td>
<td>Nov. 1 (Wed.), 16:00-17:00 / Room C (202+203)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Name</th>
<th>Position/Institution</th>
<th>Session/Topic</th>
<th>Date/Time/Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hee Jo Yang</td>
<td>Speaker, Soonchunhyang University</td>
<td>Plenary Session 1</td>
<td>Nov. 1 (Wed.), 11:22-11:34 / Room A (103)</td>
</tr>
<tr>
<td>Eun Sang Yoo</td>
<td>Moderator, Kyungpook National University</td>
<td>Semi Live Surgery 2</td>
<td>Nov. 2 (Thu.), 14:00-15:00 / Room A (103)</td>
</tr>
<tr>
<td>Young Eun Yoon</td>
<td>Speaker, Hanyang University</td>
<td>Plenary Session 3</td>
<td>Nov. 3 (Fri.), 09:32-09:44 / Room A (103)</td>
</tr>
<tr>
<td>Dalsan You</td>
<td>Moderator, University of Ulsan</td>
<td>Podium 16</td>
<td>Nov. 2 (Thu.), 15:00-16:00 / Room C (202+203)</td>
</tr>
<tr>
<td>Hosong Yu</td>
<td>Speaker, Yonsei Yu Urology Clinic</td>
<td>Ultrasound Hands-on Course</td>
<td>Nov. 1 (Wed.), 09:30-09:50 / Room D (205A+B)</td>
</tr>
<tr>
<td></td>
<td>Panel, Ultrasound Hands-on Course</td>
<td></td>
<td>Nov. 1 (Wed.), 09:50-12:00 / Room D (205A+B)</td>
</tr>
<tr>
<td>Seok Joong Yun</td>
<td>Moderator, Chungbuk National University</td>
<td>Thematic session 3</td>
<td>Nov. 3 (Fri.), 14:00-15:00 / Room B (201)</td>
</tr>
</tbody>
</table>
Enhancing Urology with Expertise, Innovation and Passion

ABSTRACTS

KUA 2023
### Podium Session 1. LUTS/BPH (1)

**Moderator:** Dong Gil Shin (Pusan National University), Mimi Oh (Korea University)

#### Medical therapy (1)

**O-001**  
**Dementia associated with anticholinergic monotherapy or beta-3 agonist monotherapy or combination therapy used for overactive bladder: a population-based Korean national cohort study**  
**Jee Soo Park**¹,², **Jongchan Kim**¹,², **Won Sik Jang**¹, **Kang Su Cho**³, **Seung Hwan Lee**³, **Woong Kyu Han**¹, **Won Sik Ham**¹  
¹Department of Urology and Urological Science Institute, Yonsei University College of Medicine, ²Department of Capital Regional Centers for Disease Control and Prevention, Korea Disease Control and Prevention Agency, ³Department of Urology, Yonsei University College of Medicine

**O-002**  
**Impact of medical treatment on storage vs voiding symptoms and nocturia frequency: a dynamic nomogram N=9166 men with prostatic enlargement**  
**Juan Manuel Palacios-Moreno**¹, **Claus G Roehrborn**², **Chandrashekhar Chavan**³, **Stavros Gravas**², **Matthias Oelke**³, **Marcio Augusto Averbeck**³, **Arunangshu Biswas**², **Llenalia María García**³, **Vanessa Cortés**³  
¹Department of Global Medical Affairs Urology, Glaxosmithkline, Spain, ²Department of Urology, University of Texas Southwestern Medical Center, Dallas, Texas, United States of America, ³Department of Global Medical Affairs Urology, Glaxosmithkline, India

**O-003**  
**Differences in medication usage for benign prostate hyperplasia according to socioeconomic status: a nationwide study**  
**Jooho Lee**, **Sangjun Yoo**, **Min Chul Cho**, **Hyeon Jeong**, **Hwancheol Son**  
Department of Urology, SMG-SNU Boramae Medical Center

**O-004**  
**Factors considered by experienced urology specialists when selecting alpha blockers for LUTS/BPH patients according to age**  
**Hyomyoung Lee**¹, **Jung Hoon Lee**³, **Min Soo Choo**², **Min Chul Cho**³, **Hwancheol Son**², **Hyeon Jeong**³, **Sangjun Yoo**²  
¹Department of Urology, Seoul National University Hospital, Seoul, Korea, ²Department of Urology, Seoul National University Boramae Medical Center, Seoul, Korea

**O-005**  
**Safety and efficacy of tamsulosin 0.4 mg as an initial dose in 1,219 Korean patients with moderate to severe lower urinary tract symptoms: data from a phase IV study**  
**Jun Ho Lee**, **Tag Keun Yoo**  
Department of Urology, Nowon Eulji Medical Center, Eulji University
O-006  (13:21-13:24) US food and drug administration warning regarding finasteride and suicidal ideation: what should urologists know?

Jennifer Xu1, Haidar Al Saffar1,2, Jonathan O’Brien1,3, Brian Kelly1-4, Declan Murphy1,3, Nathan Lawrentschuk1,3,5,6,7
1Department of Genitourinary Cancer Surgery, Peter Maccallum Cancer Centre, 2Department of Urology, St Vincent’s Hospital, 3Department of Sir Peter Maccallum Department of Surgical Oncology, University of Melbourne, 4Department of Urology, Eastern Health, 5Department of EJ Whitten Prostate Cancer Research, Epworth Healthcare, 6Department of Surgery (urology), Epworth Hospital, 7Department of Urology, Royal Melbourne Hospital

13:24-13:30 Discussion

Surgical therapy-HoLEP

O-007  (13:30-13:33) Development of predictive model for improvement after Holmium laser enucleation of the prostate according to detrusor contractility through machine learning

Kwang Jin Ko1, Myung Jin Chung2,3, Zero Kim2,3
1Department of Urology, Sungkyunkwan University School of Medicine, 2Department of AI research center, Samsung Medical Center, 3Department of Data Convergence and Future Medicine, Sungkyunkwan University School of Medicine


Hyeon Woo Kim1,2, Kyoungha Jang2, Jihoon Park3, Wooseop Seong4, Seunghyeon Kim5, Dong Gil Shin1,2, Jeong Zoo Lee1,2
1Department of Urology, Pusan National University School of Medicine, 2Department of Urology, Pusan National University Hospital, 3Department of Urology, Haeundae Bumin Hospital

O-009  (13:36-13:39) Effectiveness of bladder neck preservation technique in Holmium Laser Enucleation of the Prostate for preventing immediate postoperative transient urinary incontinence

Wooseop Seong1, Kyeong Ha Jang1, Seung Hyeon Kim1, Jeong Zoo Lee1,2, Hyeon Woo Kim1,2, Dong Gil Shin1,2
1Department of Urology, Pusan National University Hospital, 2Department of Urology, Pusan National University School of Medicine


Jae Hoon Kang, Jun-Koo Kang, Young Joon Moon, Jae-Wook Chung, Yun-Sok Ha, Seock Hwan Choi, Jun Nyung Lee, Hyun Tae Kim, Tae-Hwan Kim, Eun Sang Yoo, Tae Gyun Kwon, Bum Soo Kim
Department of Urology, School of Medicine, Kyungpook National University, Daegu, Korea

13:42-13:50 Discussion

Surgical therapy-Aquablation

O-011  (13:50-13:53) Initial experience of Aquablation of prostate at Severance hospital

Kyung Tak Oh, Jang Hwan Kim, Avelyn Lim, Abdullah Mari Alqahtani
Department of urology, Yonsei University College of Medicine, Seoul, Korea

13:53-13:55 Discussion
Best Presentation Awards

13:55-14:00  Best Presentation Awards

1 Wed., November  Room C (202+203)  13:00~14:00

Video Session (1)

Moderator: Kyung Hyun Moon (University of Ulsan), Seung Il Jung (Chonnam National University)

V-001  Buck’s fascia saving corporoplasty using TachoSil® with tubularized incised plate
Dong Hoon Kang, Yong Seung Lee, Sang Woon Kim
Department of Urology, Urological Science Institute, Yonsei University College of Medicine

V-002  Robotic assisted male to female gender affirming surgery with peritoneal flap
Hyun Cheol Jeong, Kyungtae Ko, Su Jin Kim, Dae Yul Yang
Department of Urology, Kangdong Sacred Heart Hospital

V-003  Outpatient-based one-day surgery: subinguinal varicocelectomy under local anesthesia
Tae Ho Lee1, Dae Keun Kim2
1Department of Urology, Cha Fertility Center Gangnam, Cha Gangnam Medical Center, Cha University, 2Department of Urology, Department of Urology, Cha Fertility Center Seoul Station, Cha University School of Medicine

V-004  TURP after Urolift : monopolar system is recommended
Kyung Tak Oh, Jang Hwan Kim
Department of Urology, Yonsei University College of Medicine, Seoul, Korea

V-005  Pneumovesicoscopic politano-leadbetter ureteronecystostomy using a 3mm trocar to minimize detrusor defect in an 18-month-old patient with left ureterovesical junction stricture
Byeong Jo Jeon1, Ho Young Koo2, Min Sung Song2, Jeong Wan Yoo2, Hyun Kyung Chang2, Bum Sik Tae2, Jae Young Park2, Jae Hyun Bae2
1Department of Urology, Armed Forces Yangju Hospital, Korea, 2Department of Urology, Korea University Ansan Hospital

V-006  Holmium laser enucleation of the Prostate as treatment for UroLift complications
Seyi Yoo2, Jaeyeon Kim2, Yun Ha Lee3, Danbee Lee2, Jae Min Chung1,2, Sang Don Lee3,2, Won Hoon Song1,2, Jong Kil Nam1,2, Sung-woo Park1,2, Seungsoo Lee1,2
1Department of Urology, Pusan National University, 2Department of Urology, Pusan National University Yangsan Hospital

V-007  UMMC early experience in setting up first field operation theatre for mass paediatric circumcision
Muhammad Fairuz Shah Abd Karim1, Ahmad Nazran Fadzi2, Shanggar Kuppusamy2
1Department of Surgery, Universiti Teknologi MARA (UiTM) Sungai Buloh, Malaysia, 2Department of Surgery, University of Malaya Medical Centre (UMMC), Kuala Lumpur, Malaysia
Wearable Bladder Monitoring Patch in Neurogenic bladder patients
Aram Kim1,2,3, Sehwan Kim1,2, Byeong-Ill Kang1,2, Jesse Lam1,4, Jeonghun Kim6, Seung-Hee Han2, Kelsey Tu2, Jae-Ryun Park3, Woo Suk Choi3, Hyeong Gon Kim4
1Department of Biomedical Engineering, Beckman Laser Institute Korea, School of Medicine, Dankook University, Cheonan, Korea, 2Department of Research, Medithings Co., Ltd., Seoul, Korea, 3Department of Urology, Konkuk University Medical Center, Konkuk University School of Medicine, Seoul, Korea, 4Department of Biomedical Engineering, Beckman Laser Institute, University of California, Irvine, Beckman Laser Institute, University of California, Irvine, Ca, Usa

1 Wed., November Room B (201) 14:00~15:00
Podium Session 2. Cancer-Prostate (1)
Moderator: Sun Il Kim (Ajou University), In Gab Jeong (University of Ulsan)
Big data

O-012 2010-2020 national prostate cancer risk-stratification investigation: interim report
(14:00~14:03) Young Hwii Ko
Department of Urology, Yeungnam University

O-013 The projected short and long-term anticipation of the prostate cancer population in Korea based on serum prostate-specific antigen testing rate and social-aging trend during the last decade
(14:03~14:06) Jong Hyun Pyun1, Young Hwii Ko2, Sang Won Kim3, Byung Hoon Kim4
1Department of Urology, Kangbuk Samsung Hospital, Sungkyunkwan University School of Medicine, Seoul, Korea, 2Department of Urology, College of Medicine, Yeungnam University, Daegu, Korea, 3Department of Medical Research Center, College of Medicine, Yeungnam University, Daegu, Korea, 4Department of Urology, School of Medicine, Keimyung University, Daegu, Korea

14:06~14:10 Discussion

Active surveillance

O-014 The PRECISE Score is an Independent Predictor of Pathologic Progression in Patients with Prostate Cancer undergoing Active Surveillance: Results from a Prospective Cohort
(14:10~14:13) Jooho Lee1, Chang Wook Jeong1,2, Seung-Hwan Jeong1,2, Jang Hee Han1, Hyeong Dong Yuk1, Ja Hyeon Ku1,2, Cheol Kwak1,2
1Department of Urology, Seoul National University Hospital, Seoul, Korea, 2Department of Urology, Seoul National University College of Medicine, Seoul, Korea

O-015 Can confirmatory biopsy be avoided in active surveillance of low risk prostate cancer? Based on multicenter active surveillance database
(14:13~14:16) Jang Hee Han1, Chang Wook Jeong1, Seok-Soo Byun2, Hanjong Ahn3, Seong Soo Jeon4, Tae Gyun Kwon1, Jae Young Jung5, Sunil Kim6, Cheol Kwak1, Members of Korean Urological Oncologic Society-Prostate Cancer Research Committee8
1Department of Urology, Seoul National University Hospital, 2Department of Urology, Seoul National University Bundang Hospital, 3Department of Urology, Asan Medical Center, 4Department of Urology, Samsung Medical Center, 5Department of Urology, Kyungpook National University Chilgok Hospital, 6Department of Urology, Center for Prostate Cancer, National Cancer Center, 7Department of Urology, Ajou University School of Medicine, 8Department of Urology, KUOS-PC

14:16~14:20 Discussion
Prostate biopsy

O-016  Diagnostic performance of polygenic risk score combined model for prostate cancer in Korean men undergoing prostate biopsy
(14:20-14:23)  
Yu Jin Jung1,2, Seok Soo Byun2,4, Jee Eun Kim4,5, Hak Min Kim2,5, Kwang Hyun Kim3  
1Department of Medical Device Development, Seoul National University college of Medicine, Seoul, Korea, 2Department of Urology, Seoul National University Bundang Hospital, Gyeonggi-Do, Korea, 4Department of Urology, Ewha Womans University College of Medicine, Seoul, Korea, 4Department of Public Health, Seoul National University Graduate School of Public Health, Seoul, Korea, 5Department of R&D Center, Procagen, Gyeonggi-Do, Korea, 6Department of Research Institute, Invites Biocore, Seoul, Korea

O-017  How to avoid prostate biopsy in men with prostate image-reporting and data system 3 lesion? development and external validation of new biopsy indication using prostate health index density
(14:23-14:26)  
Jae Yon Kim1,2, Seong Soo Jeon3, Jae Hoon Chung3, Seung Soo Lee1,2, Won Hoon Song1,2, Jong Il Nam1,2, Sung Woo Park1,2  
1Department of Urology, Pusan National University School of Medicine, 2Department of Urology, Pusan National University Yangsan Hospital, 3Department of Urology, Samsung Medical Center

O-018  CT guided prostate biopsy in patients with absent rectum
(14:26-14:29)  
Mitchell Barns1, Matthew Chau1, James Anderson2  
1Department of Urology, Sir Charles Gardiner Hospital, 2Department of Interventional Radiology, Sir Charles Gardiner Hospital

O-019  Experiences of transperineal prostate biopsy in biopsy-naïve men
(14:29-14:32)  
Department of Urology, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Korea

14:32-14:40  Discussion

PSA derivatives

O-020  Comparison of prostate-specific antigen and its density and prostate health index and its density for detection of prostate cancer
(14:40-14:43)  
Youngjun Boo, Jae Hoon Chung, Minyong Kang, Hyun Hwan Sung, Hwang Gyun Jeon, Byong Chang Jeong, Seong Il Seo, Seong Soo Jeon, Hyun Moo Lee, Wan Song
Department of Urology, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Korea

O-021  Machine learning model for prostate cancer prediction in Korean male
(14:43-14:46)  
Suki Jeong Choi1, Hongzoo Park2, Sang Wook Lee2, Jongmin Lee1, Seon Hyeok Kim2, Beomgi So3, Shane Oh2, Si Eun Lee4, Jeong Hyun Kim2  
1Department of Urology, Kangwon National University Hospital, Chuncheon, Korea, 2Department of Urology, Kangwon National University School of Medicine, Chuncheon, Korea, 3Department of R&D, LifeSemantics Corp., Korea

14:46-14:50  Discussion
Basic research

O-022  (14:50-14:53) Clinical significance of SCHLAP1:UBE2E3 gene fusion compared to TMPRSS2:ERG gene fusion in localized prostate cancer: insights from a Korean cohort
Byeong Jin Kang1,2, Seung Hyeon Kim1, Kyoung ha Jang1, Woo seop Seong1, Gwon Kyeong Lee1,2, Kyung Hwan Kim1,2, Hong Koo Ha1,2
1Department of Urology, Pusan National University Hospital, 2Department of urology, school of Medicine, Pusan National University

Best Presentation Awards

14:55-15:00  Best Presentation Awards

1 Wed., November
Room C (202+203)  14:00~15:00

Podium Session 3. Cancer - Kidney (1)
Moderator: Jinsoo Chung (National Cancer Center), Chang Wook Jeong (Seoul National University)

Diagnosis

O-023  (14:00-14:03) Diagnostic accuracy of contrast-enhanced ultrasonography for the assessment of small renal mass: A prospective study
Jun-Koo Kang1, Seung Myeoung Oh2, Jin Hyuk Lee2, Sang Hyun Seo2, Seo Young Park3, See Hyung Kim4, Jeong Seok Oh2, Yun Sok Ha2, Seock Hwan Choi1, Jun Nyeong Lee5, Bum Soo Kim1, Hyun Tae Kim1, Tae Hwan Kim1, Eun Sang Yoo1, Tae Gyun Kwon1, Jae-Wook Chung2
1Department of Urology, School of Medicine, Kyungpook National University Medical Center, Daegu, Korea, 2Department of School of Medicine, School of Medicine, Kyungpook National University, Daegu, Korea, 3Department of Radiology, School of Medicine, Kyungpook National University Medical Center, Daegu, Korea

O-024  (14:03-14:06) Development of non-invasive screening biomarkers for small aggressive clear cell renal cell carcinoma
Jee Soo Park1,2, Jongsoo Lee1, Seung Hwan Lee1, Jongchan Kim1,2, Won Sik Jang1, Kwang Suk Lee4, Kyo Chul Koo4, Kang Su Cho4, Woong Kyu Han1, Won Sik Ham1
1Department of Urology and Urological Science Institute, Yansei University College of Medicine, 2Department of Capital Regional Centers For Disease Control and Prevention, Korea Disease Control and Prevention Agency, 3Department of Urology, Yongin Severance Hospital, Yansei University Health System, 4Department of Urology, Gangnam Severance Hospital, Yansei University College of Medicine

14:06-14:10  Discussion
**Prognosis**

**O-025** Risk Factors of Renal Cell Carcinoma Late Recurrence: KORCC registry analysis  
(14:10-14:13)  
Younsoo Chung, Jeong Keun Song, Jung Kwon Kim, Seok-soo Byun, Sung Kyu Hong, SangChul Lee  
*Department of Urology, Seoul National University Bundang Hospital*

**O-026** Predictive factors for sticky fat during partial nephrectomy and its clinical impact on perioperative outcomes  
(14:13-14:16)  
Jang Hee Han, Hohyun Lee, Seung-Hwan Jeong, Hyeong Dong Yuk, Ja Hyeon Ku, Chang Wook Jeong, Cheol Kwak  
*Department of Urology, Seoul National University Hospital*

**O-027** Predicting renal cell carcinoma treatment methods using tree-based machine learning algorithms  
(14:16-14:19)  
Won Hoon Song, Se Yi Yoo, Youn Hee Lee, Sung-Woo Park, Seung Park  
1*Department of Urology, Pusan National University Yangsan Hospital*, 2*Department of Computer Engineering, Kyungnam University*

**Discussion**

**Treatment**

**O-028** An analysis of the outcome and prognosis of retroperitoneal laparoscopic nephrectomy for huge renal cell carcinoma greater than 7 cm  
(14:25-14:28)  
Woo Suk Lee, Sung Min Moon, Kyeong Kim, Ho Won Kang, Won Tae Kim, Yong-June Kim, Seok-Joong Yun, Sang-Cheol Lee  
*Department of Urology, College of Medicine, Chungbuk National University*

**O-029** Time series analysis of renal cell carcinoma survival rates using the Updated KOrean Renal Cell Carcinoma database : two-decades of surgical treatment  
(14:28-14:31)  
Sungho Hwang, Sang Hun Song, Jong Ho Park, Haesung Lee, Jung Kwon Kim, Chang Wook Jeong, Tae Gyun Kwon, Eu Chang Hwang, Seok Ho Kang, Jinsoo Chung, Yong-June Kim, Sung-Hoo Hong, Seok-Soo Byun, KORCC study group  
1*Department of Urology, Seoul National University Bundang Hospital*, 2*Department of Urology, Seoul National University Hospital*, 3*Department of Urology, Kyungpook National University Medical Center*, 4*Department of Urology, Chonnam National University Hwasun Hospital*, 5*Department of Urology, Korea University Medical Center*, 6*Department of Urology, National Cancer Center*, 7*Department of Urology, Chungbuk National University College of Medicine*, 8*Department of Urology, Seoul St. Mary's Hospital*

**O-030** Comparison of renal function between radiofrequency ablation versus robot assisted laparoscopic partial nephrectomy for small renal mass in elderly patients  
(14:31-14:34)  
Byoung Hun Lee, Jae Hoon Chung, Wan Song, Minyoung Kang, Hyun Hwan Sung, Hwang Gyun Jeon, Byong Chang Jeong, Seong Soo Jeon, Hyun Moo Lee, Seong IL Seo  
*Department of Urology, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Korea*

**O-031** Laparoscopic Renal Surgery Using ArtiSential®: IDEAL Stage 2a Study  
(14:34-14:37)  
Jong Keun Kim, Bosik Kang, Yu Seon Kim, Yunhwa Cha, Myoung Jin Jang, Donghwan Bae, Dalsan You  
1*Department of Urology, Hallym University Dongtan Sacred Heart Hospital, Hwaseong*, 2*Department of Urology, Asan Medical Center, University of Ulsan College of Medicine, Seoul*, 3*Department of Urology, Asan Medical Institute of Convergence Science and Technology, Asan Medical Center, University of Ulsan College of Medicine, Seoul*, 4*Department of NA, Asan Institute for Life Sciences, Asan Medical Center, Seoul*, 5*Department of NA, LIVSAMED, Seongnam*
ABSTRACTS

14:37-14:45 Discussion

Miscellaneous

O-032 Drug repositioning proves the value of a PDE inhibitor as a treatment for clear cell renal cell carcinoma
Mingyu Kim1, Hyung Ho Lee1, Jinsoo Chung1, Hyunho Han2
1Department of Urology, National Cancer Center, Goyang, Korea, 2Department of Urology, Urological Science Institute, Yonsei University College of Medicine, Seoul, Korea

O-033 Development of large-scale digital pathology images-based deep learning model for Fuhman nuclear grading aid in clear cell renal cell carcinoma
Juseong Jin1, Jang Hee Han2, Kyung Chul Moon3, Seok-soo Byun4, Young Gon Kim5, Chang Wook Jeong2
1Department of Interdisciplinary Program of Bioengineering, Seoul National University, 2Department of Urology, Seoul National University Hospital, 3Department of Pathology, Seoul National University Hospital, 4Department of Urology, Seoul National University Bundang Hospital, 5Department of Transdisciplinary Medicine, Seoul National University Hospital

14:51-14:55 Discussion

Best Presentation Awards

14:55-15:00 Best Presentation Awards

1 Wed., November
Room B (201) 15:00-16:00

Podium Session 4. Basic Research - Infertility & Sexual Dysfunction, Neurourology & LUTS/BPH & Others
Moderator: Jae Heon Kim (Soonchunhyang University), Min Gu Park (Korea University)

Erectile function and regeneration

O-034 Heparin-binding epidermal growth factor-like growth factor enhances erectile function and endorses angiogenesis in diabetic mice
Jin Woo Ahn, Guo Nan Yin, Jiyeon Ock, Minh Nhat Vo, Fang-Yuan Liu, Fitri Rahma Fridayana, Lashkari Niloofar, Yan Huang, Min-Ji Choi, Anita Limanjaya, Mi-Hye Kwon, Beom Yong Rho, Jun-Kyu Suh, Ji-Kan Ryu
Department of Urology, Inha University School of Medicine and Inha University Hospital

O-035 A new system to analyze the erectile dynamic responses of mouse corpus cavernosum
Kota Fujimoto1, Sang Woon Kim2, Yong Seung Lee3, Gen Yamada3
1Department of Developmental Genetics, Institute of Advanced Medicine, Wakayama Medical University (WMU), 2Department of Urology, Urological Science Institute, Yonsei University College of Medicine
O-036 Combining hepatocyte growth factor and heparan sulfate proteoglycan to potentiate regeneration ability: a preliminary study
Junghoon Lee1,2, Min Chul Cho1,2, Soo Woong Kim2,3, Hwancheol Son1,2
1 Department of Urology, Seoul National University Boramae Medical Center, 2 Department of Urology, Seoul National University College of Medicine, 3 Department of Urology, Seoul National University Hospital
15:09-15:15 Discussion

Reproductive function

O-037 Polystyrene microplastics (PS-MPs) mediates mouse testis Sertoli TM4 cell damage
Bum Sik Tae, Jung Wan Yoo, Min Sung Song, Hyun Kyung Chang, Hoon Choi, Jae Young Park, Jae Hyun Bae
Department of Urology, Korea University Ansan Hospital
15:18-15:21 Discussion

O-038 Enhancement of Sperm Motility and Vitality by Probiotics: An In-Vitro Study
Dae Keun Kim1, Eun Hye Lee4, Yu Jin Kim1, Yoon Dong Koo2, Ilseon Jung4, Tae Ho Lee4, Jae Ho Lee2,3
1 Department of Urology, Cha Fertility Center Seoul Station, Cha University School of Medicine, 2 Department of Biomedical Science, College of Life Science, Cha University, 3 Department of Biomedical Science, Cha Fertility Center, Seoul Station, 4 Department of Biomedical Science, Hem Pharma Inc. Institute For Commercialization of Commensals From Human Microbiome, 5 Department of Urology, Fertility Center, Cha Gangnam Medical Center, Cha University
15:21-15:25 Discussion

Dysbiosis

O-039 Gardnerella vaginalis in Recurrent Urinary Tract Infection Is Associated with Dysbiosis of the Bladder Microbiome
Yun Jin Kim, Woong Bin Kim, Sang Wook Lee, Kwang Woo Lee, Jun Mo Kim, Young Ho Kim
Department of Urology, Soonchunhyang University College of Medicine
15:25-15:28 Discussion

O-040 The effect of gut dysbiosis on bladder function of rats with spinal cord injury
Yong Seung Lee1, Sang Woon Kim2, Sook Young Park3, Jang Hwan Kim2, Sang Won Han1,2
1 Department of Urology and Urological Science Institute, Yonsei University College of Medicine, 2 Department of Urology, Cha University School of Medicine
15:28-15:31 Discussion

IC/BPS (1)

O-041 Comparative transcriptomic analysis of bladder layers between hunner lesion and non-hunner lesion in patients with hunner type interstitial cystitis
Kwang Jin Ko, Young Jun Boo, Jun Seop Kim, Kyu-Sung Lee
Department of Urology, Samsung Medical Center, Sungkyunkwan University School of Medicine
15:35-15:38
O-042 Clinical significance of Interstitial Cystitis/Bladder Pain Syndrome with Metabotropic Glutamate Receptor

Aram Kim1,5, Jae Ryun Park1, Hyeong Gon Kim1, Moonjung Lee2,5, Jaekwon Seok2, Yeonjoo Kwak2, Ssang-Goo Cho2, Hana Yoon4, Bohyun Kim3

1Department of Urology, Konkuk University Medical Center, Konkuk University School of Medicine, 2Department of Stem Cell and Regenerative Biotechnology, Molecular & Cellular Reprogramming Center (mcrc), and Incurable Disease Animal Model & Stem Cell Institute (idasi), Konkuk University, 3Department of Pathology, Konkuk University Medical Center, Konkuk University School of Medicine, 4Department of Urology, Medical Research Center, Ewha Womans University School of Medicine, 5Department of Advanced Translational Medicine, Graduate School of Konkuk University

15:41-15:45 Discussion

IC/BPS (2)

O-043 Effect of sea buckthorn in a hydrochloric acid-induced rat model: histological changes

Hyun Suk Yoon, Jung Hyun Shin, Myung Soo Kim, Ho Young Ryu, Tae Young Shin, Wansuk Kim, Dong Hyeon Lee, Choong-soo Kim, Woo Sik Chung, Hyun Kyu Ahn, Myong Kim, Kwang Hyun Kim, Bong Suk Shim, Hana Yoon

Department of Urology, Ewha Womans University College of Medicine

15:45-15:48

O-044 Efficacy and mechanism of CBD in cyclophosphamide-induced Interstitial Cystitis/Bladder Pain Syndrome in a rat model

Seung Ah Rhew1, Soomin Kim1,2, Jun Jie Piao1,2, Kyung-Hwa Jeon3, San Kang1, Chang Eil Yoon1, Hyeok Jae Kwon1, Seokhwan Bang1, Hyong Woo Moon1, Hyuk Jin Cho1, U-Syn Ha1, Sung-Hoo Hong1, Ji Youl Lee1, Sae Woong Kim1,2,3,4, Woong Jin Bae1,2

1Department of Urology, College of Medicine, The Catholic University of Korea, Seoul, Korea, 2Department of Catholic Integrative Medicine Research Institute, College of Medicine, The Catholic University of Korea, Seoul, Korea, 3Department of Pharmacy, Graduate School of Pharmaceutical Sciences, Ewha Womans University, Seoul, Korea, 4Department of Research, Green Medicine Co., Ltd, Busan, Korea

15:51-15:55 Discussion

Best Presentation Awards

15:55-16:00 Best Presentation Awards
Podium Session 5. Pediatrics (1)

Moderator: Chang Hee Han (The Catholic University of Korea), Sungchan Park (University of Ulsan)

Upper - hydronephrosis

O-045 In the case of isolated prenatal hydronephrosis, the shape of the renal pelvis as a predictor of postnatal surgery

Zafar Abdullaev1,2, Saidanvar Agzamkhodjaev1,2, Komron Khidoyatov1, Akmal Rakhmatullaev2, Sergey Bondarenko3
1Department of Pediatric Urology, National Children’s Medical Center, Tashkent, Uzbekistan, 2Department of Pediatric Surgery, Tashkent Pediatric Medical Institute, Tashkent, Uzbekistan, 3Department of Pediatric Urology, Clinical Emergency Hospital №3, Volgograd, Russian Federation

O-046 Bowel bladder dysfunction could be real in pre-toilet-trained children and bowel decompression could be effective for breakthrough urinary tract infection in toilet-trained as well as pre-toilet trained children with vesicoureteral reflux

Gyeonghun Kim, Kwanjin Park, Youngjae Im
Department of Pediatric Urology, Seoul National University Children’s Hospital

O-047 Maximizing robotic extravesical ureteral reimplantation success: the synergistic impact of ureteral adventitia inclusion and robust distal end detrusorraphy sutures

Sang Hoon Song, Bosik Kang, Cho Jaeyoung, Kyunghyun Nam, Chan Hoon Kwak, Kun Suk Kim
Department of Urology, Asan Medical Center, University of Ulsan College of Medicine

O-048 An analysis of the value of video urodynamic study in children with vesicoureteral reflux without associated anomalies

Kyung Tak Oh1, Yong Seung Lee1, Sang Woon Kim1, Jieun Park2, Jeongeun Ji2, Yoonhye Ji2, Sang Won Han1,3
1Department of Urology and Urological Science Institute, Yonsei University College of Medicine, Seoul, Korea, 2Department of Pediatric Urology, Severance Children’s Hospital, 3Department of Urology, Cha University School of Medicine

Lower - VUR

O-049 Effects of parental holding on pain response in young children during cystometry: a randomized controlled trial

Jieun Park1,2, Hyejung Lee3, Sang Won Han1,3, Eun Kyong Choi3
1Department of Graduate School of Nursing, Yonsei University, 2Department of Pediatric Bladder-Urethra Rehabilitation Clinic, Pediatric Urology, Severance Children’s Hospital, Yonsei University Healthcare System, 3Department of College of Nursing, Mo-Im Kim Nursing Research Institute, Yonsei University, 4Department of Urology and Urological Science Institute, Yonsei University College of Medicine, 5Department of Urology, CHA Gangnam Medical Center, CHA University
**O-050**
(15:23-15:26)
First-morning urine osmolality changes treatment outcomes in children with nocturnal enuresis at the end of treatment

*Yun Ha Lee, Jae Min Chung, Sang Don Lee*
Department of Urology, Pusan National University Yangsan Hospital

**O-051**
(15:26-15:29)
EDOUF (extraordinary daytime only urinary frequency); could fecal impaction be a possible etiology?

*Dae Hyuk Chung, Young Jae Im, Kwan Jin Park*
Department of Pediatric Urology, Seoul National University Children’s Hospital, Seoul, Korea

**O-052**
(15:29-15:32)
Obesity and and lower urinary tract symptoms (LUTs) in children and adolescents: a systematic review and meta-analysis

*Si Wook Lee, Yong Seung Lee, Sang Woon Kim*
Department of Urology, Urological Science Institute, Yonsei University College of Medicine

15:32-15:40 Discussion

**Lower - Bladder function (2)**

**O-053**
(15:40-15:43)
Analysis of bladder function based on the presence of anorectal malformation in patients who underwent filum terminale lipoma removal surgery

*Jieun Park1, Yoonhye Ji1, Jeoung Eun Ji1, Yong Seung Lee2, Sang Won Han2,3, Sang Woon Kim2*
1Department of Pediatric Bladder-Urethra Rehabilitation Clinic, Pediatric Urology, Severance Children’s Hospital, Yonsei University Healthcare System, 2Department of Urology and Urological Science Institute, Yonsei University College of Medicine, 3Department of Urology, CHA Gangnam Medical Center, CHA University

**O-054**
(15:43-15:46)
Analysis of congenital urogenital disorders and urinary dysfunction characteristics in males with congenital anorectal malformation

*Jeongeun Ji1,3, Yoonhye Ji1,3, Sang Woon Kim2,3, Yong Seung Lee2,3, Sang Won Han2,4*
1Department of Nursing, Yonsei University College of Nursing, Seoul, Korea, 2Department of Urology and Urological Science Institute, Yonsei University College of Medicine, Seoul, Korea, 3Department of Pediatric Urology, Severance Children’s Hospital, Seoul, Korea, 4Department of Urology, CHA Gangnam Medical Center, CHA University, Seoul, Korea

**O-055**
(15:46-15:49)
Long-term effectiveness and quality of life of transanal irrigation in people with spina bifida: a 10-year experience

*Yoonhye Ji1,3, Jeongeun Ji1,3, Boseul Kim1,3, Yong Seung Lee2,3, Sang Woon Kim2,3, Sang Won Han2,4, Eun Kyoung Choi1*
1Department of Nursing, Yonsei University College of Nursing, Seoul, Korea, 2Department of Urology and Urological Science Institute, Yonsei University College of Medicine, Seoul, Korea, 3Department of Pediatric Urology, Severance Children’s Hospital, Seoul, Korea, 4Department of Urology, CHA Gangnam Medical Center, CHA University, Seoul, Korea

15:49-15:55 Discussion

**Best Presentation Awards**

15:55-16:00 Best Presentation Awards

Moderator: Deok-Hyun Han (Sungkyunkwan University), Bum Soo Kim (Kyungpook National University)

### Stone epidemiology

**O-056**

Korean and Global Trends in Incidence and Burden of Urolithiasis from 1990 to 2019: An Analysis of Global Burden of Disease Study Data

Dae Young Jun¹, Jun Seok Sohn², Jae Yong Jeong³, Young Joon Moon⁴, Dong Hyuk Kang⁵, Hae Do Jung⁶, Joo Yong Lee⁷

¹Department of Urology, Severance Hospital, Urological Science Institute, Yonsei University College of Medicine, Seoul, Korea, ²Department of Medicine, Yonsei University College of Medicine, Seoul, Korea, ³Department of Urology, National Health Insurance Service Ilsan Hospital, Goyang, Korea, ⁴Department of Urology, Kyungpook National University Hospital, Daegu, Korea, ⁵Department of Urology, Inha University College of Medicine, Incheon, Korea, ⁶Department of Urology, Inje University Ilsan Paik Hospital, Inje University College of Medicine, Goyang, Korea

**O-057**

Evolving Surgical Trends for Urinary Stone Disease in the Korean Population, An Updated National Population-based Study

Sangyong Park, Heesub Lee, Wonjong Yang, Hyosang Kwon, Jong Keun Kim, Jun Hyun Han

Department of Urology, Hallym University Dongtan Sacred Heart Hospital, Korea

**O-058**

Development and external validation of a machine learning-based model to classify uric acid stones in patients with kidney stones of Hounsfield units <800

Ben Chew¹, Victor Wong¹, Abdulghafour Halawani¹, Sujin Lee², Dae Ho Kim³, Jeong Hyun Lee³, June Seok Kim³, Kwang Suk Lee³, Byung Ha Chung³, Kyo Chul Koo³

¹Department of Urological Sciences, University of British Columbia, Stone Centre At Vancouver General Hospital, Vancouver, British Columbia, Canada, ²Department of Ai Research, Infinyx, Daegu, Korea, ³Department of Urology, Yonsei University College of Medicine, Seoul, Korea

**O-059**

Development and external validation of a uric acid stone prediction model using the variant coefficient of stone density measured by thresholding three-dimensional segmentation-based methods in non-contrast computed tomography images: A multicenter study

Jun-Koo Kang¹, Jae Hoon Kang², Sang Hee Lee¹, Young Joon Moon², Jae-Wook Chung³, Yun-Sok Ha³, Seok-Hwan Choi¹, Jun Nyung Lee¹, Hyun Tae Kim¹, Eun Sang Yoo¹, Tae Gyun Kwon¹, Bong-Il Song², Wonho Jung³, Bum Soo Kim¹

¹Department of Urology, School of Medicine, Kyungpook National University, Daegu, South Korea, ²Department of Nuclear Medicine, Keimyung University Dongsan Hospital, Keimyung University School of Medicine, Daegu, South Korea, ³Department of Urology, Keimyung University Dongsan Hospital, Keimyung University School of Medicine, Daegu, South Korea

**O-060**

Utilizing transfer learning to improve urolithiasis detection efficiency

Hyun Seok Na¹, Ji Yong Lee¹, Seung Woo Yang¹, Ji Ju Hyun Shin¹, Jae Sung Lim¹, Ki Hak Song¹, Yong Gil Na², Khae Hwan Kim², Jong Mok Park²

¹Department of Urology, Chungnam National University Hospital, Chungnam National University College of Medicine, ²Department of Urology, Chungnam National University Sejong Hospital, Chungnam National University College of Medicine
Asymptomatic stone

O-061  The natural history of asymptomatic small remnant stones (< 1cm) according to the stone composition after endoscopic stone surgery
Sunghyun Kim, Beomsoo Kim, Jae Sung Lim, Oh Jun Yun, Jae Hoon Kang, Sang Hee Lee, Jeong Seok Oh, Jun-Koo Kang, Young Joon Moon, Jae-Wook Chung, Yun-Sok Ha, Seock Hwan Choi, Jun Nyung Lee, Hyun Tae Kim, Tae-Hwan Kim, Eun Sang Yoo, Tae Gyun Kwon, Bum Soo Kim
Department of Urology, School of Medicine, Kyungpook National University, Daegu, Korea

O-062  A comparison between asymptomatic and symptomatic ureteral stones
Chang Wan Hyun1, Jae Young Hwang1, Seong Woo Yoon1, Tae Young Park1, Sung Goo Yoon1, Seung Bin Kim1, Tae Il Noh1, Jong Hyun Pyun2, Ji Sung Shim3, Seok Ho Kang3, Sung Gu Kang4
1Department of Urology, Anam Hospital, Korea University College of Medicine, Seoul, Korea, 2Department of Urology, Sungkyunkwan University School of Medicine, Seoul, Korea

Treatment & Prognosis

O-063  Effects of Audiovisual Reality Stimulation on Pain, Anxiety, and Relaxation During Extracorporeal Shockwave Lithotripsy for Ureteral Stones: A prospective cohort study
Heesub Lee, Sangyong Park, Wonjong Yang, Hyesang Kwon, Wonchul Lee, Changil Choi, Jong Keun Kim, Sung Ho Lee, Jun Hyun Han
Department of Urology, Hallym University Dongtan Sacred Heart Hospital, Korea

O-064  Is pelvic urine culture related to stone compositions and postoperative febrile urinary tract infection after percutaneous nephrolithotomy?
Jaeyeon Kim1, Seyi Yoo2, Yun Ha Lee3, Danbee Lee2, Won Hoon Song1,2, Sung woo Park1,2, Jong Kil Nam1,2, Jae Min Chung1,2, Sang Don Lee1,2
1Department of Urology, Pusan National University, 2Department of Urology, Pusan National University Yangsan Hospital

O-065  The effect of tamsulosin in ureteroscopic surgery in dilation of ureter and improvement of stent-related symptom: A randomized, double-blind, placebo-controlled trial
Kyeng Hyun Nam1, Jungyo Suh1, Jung Hyun Shin2, Han Kyu Chae3, Hyung Keun Park1
1Department of Urology, Asan Medical Center, University of Ulsan College of Medicine, Korea, 2Department of Urology, Ewha Womans University Mokdong Hospital, Korea, 3Department of Urology, Gangneung Asan Medical Center, University of Ulsan College of Medicine, Korea

O-066  Influence of renal Insufficiency on serum uric acid levels and 24-hour urinary uric acid excretion
Kyeong Kim, Woo Suk Lee, Sung Min Moon, Ho Won Kang, Won Tae Kim, Yong-June Kim, Seok-Joong Yun, Sang-Cheol Lee
Department of Urology, College of Medicine, Chungbuk National University
Best Presentation Awards

16:55-17:00  Best Presentation Awards

1 Wed., November  Room C (202+203)  16:00~17:00
Moderator: Jongkil Nam (Pusan National University), Hyun Hwan Sung (Sungkyunkwan University)

Big data

O-067  Prognosis of the first cystoscopy follow-up within 6 months in non-muscle invasive bladder cancer
(16:00~16:03)
Chung Beum Wee, Jong Hyun Tae, In Ho Chang, Tae-Hyoung Kim, Soon Chul Myung, Joongwon Choi,
Jung Hoon Kim, Jin Wook Kim, Yong Seong Lee, Se Young Choi
Department of Urology, Chung-Ang University

O-068  Association of 5α-reductase inhibitors with bladder cancer prognosis: a propensity score
(16:03~16:06)
matched analysis of a nationwide population-based cohort
Jae Young Hwang, Seong Woo Yun, Tae Young Park, Chang Wan Hyun, Sung Goo Yoon, Seung Bin Kim,
Tae II Noh, Ji Sung Shim, Sung Gu Kang, Seok Ho Kang
Department of Urology, Anam Hospital, Korea University College of Medicine, Seoul, Korea

O-069  The anti-cancer effect of metformin in genitourinary cancers – National Health Insurance service
(16:06~16:09)
customized database study
Gyoohwan Jung1, Hae Kyung Song2, Mi Jeong Kim2, Yun Jin Kim3, Jung Ki Jo1
1Department of Urology, Urology, Hanyang University Seoul Hospital, Seoul, Korea, 2Department of Medical and Digital Engineering, Hanyang University, Seoul, Korea, 3Department of Biostatistical Consulting and Research Lab, Medical Research Collaborating Center, Hanyang University, Seoul, Korea

16:09-16:15  Discussion

Biomarker & prognosis

O-070  Clinical validation of the proenkephalin (PENK) methylation urine test for monitoring recurrence
(16:15~16:18)
of non-muscle invasive bladder cancer
SeungWoo Jeong1, Hyunho Han1, Tae Jeong Oh2, Ji Eun Heo1, Jongsoo Lee1, Won Sik Jang1,
Seung Hwan Lee2, Won Sik Ham2, Jaehee Hwang2, Sungwhan An2, Young-Deuk Choi1
1Department of Urology, Urological Science Institute, Yonsei University College of Medicine, Seoul, Korea, Yonsei University College of Medicine, 2Department of Genomic tree, Inc, Genomic tree, Inc., Daejeon, Korea
O-071 Evaluation of a Urine DNA-Based Methylation Test Targeting PENK as a Potential Diagnostic Tool for Bladder Cancer
Dong Yeon Lee1, Seung Woo Yang1, Ju Hyun Shin1, Jae Sung Lim1, Hi Hak Song1, Jong Mok Park2, Khae Hwan Kim2, Young Gil Na2, Tae Jeong Oh3, Yangyei Seo3, Min A Woo3, Sungwhan An3, Ji Yong Lee4
1Department of Urology, Chungnam National University Hospital, Chungnam National University College of Medicine, Daejeon, Korea, 2Department of Urology, Chungnam National University Sejong Hospital, Chungnam National University College of Medicine, Sejong, Korea, 3Department of R&D, Genomictree, Inc., 4Techno Yuseong-gu Daejeon, South Korea

O-072 The genetic information of non-muscle invasive bladder cancer associated with recurrence
Taehyung Kim1, Seong Hyeon Yu1, Do Gyeong Lim2, Ho Seok Chung2, Eu Chang Hwang2, Sun-Ouck Kim3, Kyung Jin Oh3, Seung Il Jung2, Taek Won Kang1, Dongdeuk Kwon2, Kwangsung Park1
1Department of Urology, Chonnam National University Medical School, Chonnam National University Hospital, Gwangju, Korea, 2Department of Urology, Chonnam National University Medical School, Chonnam National University Hospital, Hwasun, Korea

O-073 Prognosis of variant histology in non-muscle invasive bladder cancer with low tumor burden: a propensity score-matched analysis with conventional urothelial carcinoma
Hyun Seok Lee, Kweon Sik Min, Won Il Seo, Sung Jun Sou, Jae Il Chung, Chan Ho Lee
Department of Urology, Department of Urology, Busan Paik Hospital, Inje University College of Medicine, Busan, Korea

16:27-16:35 Discussion

Intravesical therapy

O-074 Comparative Analysis of Recurrence Rates between Intravesical Gemcitabine and BCG Induction Therapy Following Transurethral Resection of Bladder Tumor in Patients with Intermediate to High-Risk Bladder Cancer: A Retrospective Multicenter Study
Joongwon Choi1, Kyung Hwan Kim2, Hyung Suk Kim3, Hyun Sik Yoon3, Jung Hoon Kim4, Yong Seong Lee5, Se Young Choi6, In Ho Chang7, Young Huil Ko8, Wan Song9, Byung Chang Jeong10, Jong Ki Nam11
1Department of Urology, Chung-Ang University Gwangmyeong Hospital, Chung-Ang University College of Medicine, Gwangmyeong, Korea, 2Department of Urology, Pusan National University Hospital, School of Medicine, Pusan National University, Pusan, Korea, 3Department of Urology, Dongguk University Ilsan Medical Center, Dongguk University College of Medicine, Goyang, Korea, 4Department of Urology, Chung-Ang University Hospital, Chung-Ang University College of Medicine, Seoul, Korea, 5Department of Urology, Sumsang Medical Center, Sumsang University School of Medicine, Seoul, Korea, 6Department of Urology, Pusan National University Yangsan Hospital, School of Medicine, Pusan National University, Yangsan, Korea

O-075 Comparison of intravesical gemcitabine-docetaxel and re-induction BCG as salvage therapy for bladder cancer
Kylie Lim1, Gavin Wei2, Jincy Kuriakose3, Obaid Fazli2, David Pook3, Sarah Ransley1, Janice Downie1, Kevin Chu1, Matthew Harper1, Scott Donnellan1, Weranja Ranasinghe1
1Department of Urology, Monash Health, 2Department of Pharmacy, Monash Health, 3Department of Oncology, Pharmacy

O-076 Efficacy of Intravesical Gemcitabine Instillation vs Intravesical Bacillus Calmette-Guérin (BCG) Instillation in Non-Muscle Invasive Bladder Cancer
Dong Ha Kim, Taek Sang Kim, Su Hwan Kang, Won Tae Seo, Yong Deuk Seo, Sung Bin Kim
Department of Urology, Kosin University Gospel Hospital

O-077 The Efficacy of Single Immediate Gemcitabine Instillation in high-grade T1 Bladder Cancer
Dongsu Kim, Bumsik Hong
Department of Urology, Asan Medical Center, University of Ulsan College of Medicine, Seoul, Korea
16:47-16:55  Discussion

Best Presentation Awards

16:55-17:00  Best Presentation Awards

2 Thu., November  Room B (201)  09:30~10:30

Podium Session 8. Basic Research - Cancer
Moderator: Seok-Soo Byun (Seoul National University), Yong-June Kim (Chungbuk National University)

Bladder cancer

O-078  The antitumor effects of intravesical therapy combined with recombinant BCG and pembrolizumab in bladder cancer
(09:30-09:33)
Jung Hoon Kim, Chung Beum Wee, Jong Hyun Tae, In Ho Chang, Tae-Hyong Kim, Soon Chul Myung, Joongwon Choi, Se Young Choi, Jin Wook Kim, Yong Seong Lee
Department of Urology, Chung-Ang University College of Medicine

O-079  Development and evaluation of gemcitabine-loaded liposomes in an orthotopic mouse bladder cancer model
(09:33-09:36)
In Ho Chang¹, Sejung Maeng¹, Jung Hoon Kim¹, Jong Hyun Tae¹, Joongwon Choi¹, Se Young Choi¹, Mi Jeong Kim², Hyungwon Moon³, Hak Jong Lee²,³,⁴,⁵
¹Department of Urology, Chung-Ang University, ²Department of Radiology, Seoul National University Bundang Hospital, ³Department of Radiation Medicine, Seoul National University Medical Research Center, ⁴Department of Medical Device Development, Seoul National University

O-080  A metatranscriptomic and metabolomic study reveals Bifidobacterium species BB_003 possesses antitumor immunity and the mechanisms behind it
(09:36-09:39)
Kyungchan Min¹, Chuangming Zheng¹, Young Joon Byun¹, Xuan-Mei Piao¹, Kyeong Kim¹, Hee Youn Lee¹, Ho Won Kang¹, Won Tae Kim¹, Yong-June Kim¹, Sang-Chool Lee¹, Wun-Jae Kim¹,²,³,⁴,⁵,⁶
¹Department of Urology, College of Medicine, Chungbuk National University, ²Department of Urology, Urotech Co, ³Department of Biomedical Science and Engineering, Gwangju Institute of Science and Technology

09:39-09:45  Discussion

Prostate cancer (1)

O-081  Development of 3D prostate cancer cell culture and organoid production and anticancer drug sensitivity
(09:45-09:48)
Won Hoon Song¹, Se Yi Yoo¹, Youn Ha Lee¹, Jae Yeon Kim¹, Dan Bee Lee¹, Seung Soo Lee¹, Jong Kil Nam¹, Sung Woo Park¹, Sik Yoon²
¹Department of Urology, Pusan National University Yangsan Hospital, ²Department of anatomy, School of medicine, Pusan National University
O-082  Normal and cancerous prostate cells induce the polarization of M0 macrophages into M2 macrophages: a study using 3-dimensional cell culture systems
Eun Ji Seok¹, Soohyun Kim¹, Jae Duck Choi², Jun Ho Lee², Hyunwon Yang¹, Tag Keun Yoo²
¹Department of Biohealth convergence, Seoul Women’s University, ²Department of Urology, Nowon Eulji Medical Center, Eulji University

09:51-09:55 Discussion

Prostate cancer (2)

O-083  Olaparib plus ginsenoside compound K induces DNA damage-triggered apoptosis in castration resistant prostate cancer
Eun Song Kim¹,², Da Hyeon Son¹,², Hyun Ji Hwang¹,², Hyo Eun Kim¹,², Seong Hwi Hong¹, Young Ju Lee¹, Young Eun Yoon¹, Sung Yul Park³
¹Department of Urology, Hanyang University College of Medicine, Korea, ²Department of Translational Medicine, Hanyang University Graduate School of Biomedical Science & Engineering, Korea

09:55-09:58 Discussion

Prostate cancer (3)

O-084  DRG2 level in prostate cancer cell lines predicts response to PARP inhibitor
Jeong Min Lee¹, Won Hyeok Lee¹, Sang Hun Lee³, Sungchan Park², Seong Cheol Kim²
¹Department of Biomedical Research Center, Ulsan University Hospital, University of Ulsan College of Medicine, ²Department of Urology, Ulsan University Hospital, University of Ulsan College of Medicine, ³Department of Obstetrics & Gynecology, Ulsan University Hospital, University of Ulsan College of Medicine

10:01-10:05 Discussion

RCC

O-085  Determinant of aggressive phenotype in metastatic hormone sensitive prostate cancer depends on the intrinsic highly aggressive cell cluster using single-cell RNA sequencing
Department of Urology, Samsung Medical Center, Sungkyunkwan University School of Medicine

10:05-10:08 Discussion

O-086  Epidermal growth factor-like domain 7 inhibit immune response in metastatic castration resistant prostate cancer by de-activation of endothelial intercellular adhesion molecule-1
Danbee Lee¹, Ji Young Lee¹, Sung-Woo Park¹,²
¹Department of Urology, Pusan National University, ²Department of Urology, Pusan National University Yangsan Hospital

10:08-10:11 Discussion

O-087  PD-1 inhibitor plus oncolytic virus is effective and safe treatment option for metastatic renal cell carcinomas
Jee Soo Park¹,², Myung Eun Lee¹, Gwangmo Shin¹, Min Hwa Chung¹, Jongchan Kim¹,³, Won Sik Jang¹, Kyo Chul Koo¹, Namhee Lee¹, Keunhee Oh¹, Seung Hwan Lee¹, Woong Kyu Han¹, Won Sik Ham¹
¹Department of Urology and Urological Science Institute, Yonsei University College of Medicine, ²Department of Capital Regional Centers For Disease Control and Prevention, Korea Disease Control and Prevention Agency, ³Department of Urology, Yangin Severance Hospital, Yonsei University Health System, ⁴Department of Urology, Gangnam Severance Hospital, Yonsei University College of Medicine, ⁵Department of Research Center, Sillajen, Inc.
O-088  Is 99mTc-MIBI SPECT/CT Useful in the Differentiation of Oncocytoma from Renal Cell Carcinoma? - An update from an ongoing Australian clinical trial

Mitchell Barns¹, Thomas England¹, Michael England¹, Ronnie Cohen³, Peter England²
¹Department of Urology, Sir Charles Gardner Hospital, ²Department of Urology, St John of God Hospital, ³Department of Anatomical Pathology, St John of God Hospital

10:21-10:25  Discussion

Best Presentation Awards

10:25-10:30  Best Presentation Awards

2 Thu., November  Room C (202+203)  09:30~10:30


Moderator: Moon Ki Jo (Korea Cancer Center Hospital), In Ho Chang (Chung-Ang University)

Biomarker & prognosis

O-089  Human epidermal growth factor receptor type 2 overexpression is a biomarker for T2 stage and enhanced survival in de novo muscle-invasive bladder cancer

Homin Kang¹,³, Han Kyu Chae¹, Wook Nam¹, Hangwun Kim¹, Hoon Yu²,², Sung Jin Kim¹,², Jong Yeon Park¹
¹Department of Urology, Gangneung Asan Hospital, University of Ulsan College of Medicine, Gangneung, Korea, ²Department of Bio-Medical Institute of Technology, University of Ulsan, Seoul, Korea, ³Department of Urology, Asan Medical Center, University of Ulsan College of Medicine, Seoul, Korea, ⁴Department of Nephrology, Gangneung Asan Hospital, University of Ulsan College of Medicine, Gangneung, Korea

09:36-09:40  Discussion

Complications & Perioperative care of radical cystectomy

O-090  Impact of urinary diversion type on urethral recurrence following radical cystectomy for male bladder cancer: a propensity score matched and weighted analysis

Jiwoong Yu¹,², Jae Hoon Chung¹, Wan Song¹, Minyong Kang¹, Hwang Gyun Jeon¹, Byong Chang Jeong¹, Seong Il Seo¹, Seong Soo Jeon¹, Hyun Moo Lee³, Hyun Hwan Sung¹
¹Department of Urology, Samsung Medical Center, Sungkyunkwan University School of Medicine, ²Department of Urology, Armed Forces Pocheon Hospital

09:40-09:43  Discussion

O-091  Development and evaluation of a navigation program for invasive bladder cancer patients

Jongmin Lee¹, JuHee Lee², Jeongok Park³, Yeonhee Kim⁴, Bumsik Hong⁵
¹Department of Nursing, Asan Medical Center, ²Department of Nursing, Yonsei University, ³Department of Nursing, Yonsei University, ⁴Department of Nursing, Ulsan University, ⁵Department of Urology, Ulsan University
Prevention of neovesico-vaginal fistula in female ileal orthotopic neobladder surgery: autologous peritoneal fascia graft interposition

Jung Hyun Shin, Hoyoung Ryu, Myung Soo Kim, Dong Hyeon Lee
Department of Urology, Ewha Womans University Mokdong Hospital

Lymphatic Embolization for post-operative lymphatic leakage after Radical Cystectomy

Yoo Sub Shin, Jinhyung Jeon, Sung Ku Kang, Jong Soo Lee, Jongchan Kim, Won Sik Jang, Won Sik Ham, Ji Eun Heo
1Department of Urology, Urological Science Institute, Yonsei University College of Medicine, Seoul, Korea, 2Department of Urology, Prostate Cancer Center, Urological Science Institute, Gangnam Severance Hospital, Yonsei University College of Medicine, Seoul, Korea, 3Department of Urology, Yongin Severance Hospital, Yonsei University Health System, Yongin, Korea, 4Department of Urology, National Health Insurance Service Ilsan Hospital, Goyang, Korea

The effectiveness of neoadjuvant atezolizumab in MIBC

Seung-hwan Jeong, Joo Ho Lee, Jang Hee Han, Hyeong Dong Yuk, Chang Wook Jeong, Cheol Kwak, Ja Hyeon Ku
1Department of Urology, Seoul National University Hospital, 2Department of Urology, Seoul National University College of Medicine

Neoadjuvant chemotherapy prior to radical cystectomy for muscle-invasive bladder cancer with variant histology: A systematic review and meta-analysis of survival outcomes and pathological features

Do Kyung Kim, Jae Heon Kim, Jun Young Park, Yong Nam Gwon, Ki Min Kim, Won Jae Yang, Seung Whan Doo, Yun Seob Song
Department of Urology, Soonchunhyang University Seoul Hospital

Comparison of Postoperative Complications within 90 Days After Radical Cystectomy According to Neoadjuvant chemotherapy

Seyi Yoo, Yun Ha Lee, Jae Yeon Kim, Danbee Lee, Won Hoon Song, Seung Soo Lee, Sung Woo Park, Jong Kil Nam
1Department of Urology, Pusan National University Yangsan Hospital, 2Department of Medicine, Pusan National University, Korea

Impact on renal function according to urinary diversion type after robot-assisted radical cystectomy

Seong Woo YUN, Jae Young Hwang, Tae Young Park, Chang Wan Hyun, Sung Goo Yoon, Seung Bin Kim, Tae il Noh, Ji Sung Shim, Sung Gu Kang, Seok Ho Kang
Department of Urology, Department of Urology, Anam Hospital, Korea University College of Medicine, Seoul, Korea
O-098  Robot-assisted surgery in patients with locally advanced bladder cancer could be performed with oncologic safety and better perioperative outcomes

Sang Won So1, Jooho Lee1, Seung-Hwan Jeong1,2, Jang Hee Han1, Chang Wook Jeong1,2, Cheol Kwak1,2, Hyeong Dong Yuk1, Ja Hyeon Ku1,2

1Department of Urology, Seoul National University Hospital, 2Department of Urology, Seoul National University College of Medicine, Seoul, Korea

O-099  Risk Factors for Urinary Retention after Robot-Assisted Radical Cystectomy with Orthotopic Neobladder Diversion

Younsoo Chung, Jae Won Lee, Jong Jin Oh, Sang Chul Lee, Seok-soo Byun, Sung Kyu Hong

Department of Urology, Seoul National University Bundang Hospital

10:19-10:25  Discussion

Best Presentation Awards

10:25-10:30  Best Presentation Awards

2 Thu., November

Room B (201)  10:30~11:30

Podium Session 10. Incontinence & Female Urology & Neuourology

Moderator: Jae Hyun Bae (Korea University), Young Sam Cho (Sungkyunkwan University)

IC/BPS

O-100  Urinary microbiomic profiling in female patients with interstitial cystitis and bladder pain syndrome

Jung Hyun Shin1, Hana Yoon2

1Department of Urology, Ewha Womans University Mokdong Hospital, 2Department of Urology, Ewha Womans University Seoul Hospital

O-101  Associations between interstitial cystitis/bladder pain syndrome and female sexual function: systematic review and meta-analysis

Hana Yoon1, Myoung Kim1, SuJin Kim2

1Department of Urology, Ewha Womans University College of Medicine, 2Department of Urology, Hallym University College of Medicine

O-102  Current updates relating to treatment for interstitial cystitis/bladder pain syndrome: systematic review and meta-analysis

Jun Young Park1, Jae Joon Park1, Kwang Taek Kim2, Sung Ryul Shim3, Jae Heon Kim1

1Department of Urology, Soonchunhyang University Seoul Hospital, Soonchunhyang University College of Medicine, Seoul, Korea, 2Department of Urology, Gil Medical Center, Gachon University College of Medicine, Incheon, Korea, 3Department of Biomedical Informatics, College of Medicine, Konyang University, Daejeon, Korea

10:39-10:45  Discussion
**Incontinence**

**O-103**
The impact of pelvic radiation treatment on the survival of artificial urinary sphincter

*Jong Hoon Lee, Byounghun Lee, Seongik Choi, Kyu-Sung Lee, Kwang Jin Ko*

*Department of Urology, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Korea*

**O-104**
A Novel Incisionless Disposable Vaginal Device for Female Stress Urinary Incontinence

*Hyo Seok Kang1, Ji Yong Lee1, Seung Woo Yang1, Jong Mok Park2, Khai-hawn Kim2, Jae Sung Lim1, Ki Hak Song1, Yong Gil Na2, Ju Hyun Shin1*

1Department of Urology, Chungnam National University Hospital, 2Department of Urology, Chungnam National University Sejong Hospital

**O-105**
Comparative Analysis of REMEEX Surgery Outcomes in Female Urinary Incontinence Patients with and without Neurologic Deficits

*Younsoo Chung, Jong Ho Park, Seong Jin Jeong, Jun Hyeon Nam, Jae Won Lee*

*Department of Urology, Seoul National University Bundang Hospital*

10:54-11:00  **Discussion**

**Miscellaneous (1)**

**O-106**
Effectiveness of electrical stimulation combined with pelvic floor muscle training on female sexual dysfunction with overactive bladder: a randomized controlled clinical trial

*San Kang1, Soomin Kim1,2, Jun Jie Piao1,2, Seung Ah Rhew1, Chang Eil Yoon1, Hyeok Jae Kwon1, Seokhwan Bang1, Hyong Woo Moon1, Hyuk Jin Cho1, U-Syn Ha1, Sung-Hoo Hong1, Ji Youl Lee1, Sae Woong Kim1,2, Woong Jin Bae 1,2*

1Department of Urology, College of Medicine, The Catholic University of Korea, Seoul, Korea, 2Department of Catholic Integrative Medicine Research Institute, College of Medicine, The Catholic University of Korea, Seoul, Korea

**O-107**
Twelve-year follow-up observation of idiopathic detrusor underactivity in the elderly living in community: Treatment and urodynamic changes

*Seong Jin Jeong1, Ji Seok Kim2, Hyeon June Park1, Jae Won Lee1, Sang Hun Song1, Byungdo Song1, Yeon Soo Chung1*

1Department of Urology, Seoul National University College of Medicine, Seoul National University Bundang Hospital, 2Department of Medicine, Seoul National University College of Medicine

**O-108**
Breaking the silence: advances in the diagnosis and management of pelvic floor dysfunction and bladder outlet obstruction in women

*George Shaker, James Henderson*

*Department of Urology, Aneurin Bevan NHS Trust*

11:09-11:15  **Discussion**

**Miscellaneous (2)**

**O-109**
Analysis of patient population corresponding to transitional urology in the real clinical practice of one adult functional urology specialist

*Kyung Tak Oh, Jang Hwan Kim, Avelyn Lim, Abdullah Mari Alqahtani*

*Department of Urology, Yonsei University College of Medicine, Seoul, Korea*
ABSTRACTS

75th Annual Meeting of The Korean Urological Association

O-110 Analysis of changes and trends in catheterization in Korea in the last 10 years: population based Big Data Analysis
Byeong-Jo Kang1, Sangrak Bae1, Jae Chul Lee1, Don Hee Lyu1, Eun Jae Kim1, Bong Hee Park1, Kang Seob Kim1, Chang Hee Han1, Hong Chung2, Won Yeol Cho3
1Department of Urology, Uijeongbu St.Mary’s Hospital, College of Medicine, The Catholic University of Korea, Seoul, Korea, 2Department of Urology, Uijeongbu St.Mary’s Hospital, College of Medicine, The Catholic University of Korea, Seoul, Korea, 3Department of Medicine, Dong-A University Hospital, College of Medicine, Dong-A University, Busan, Korea

11:21-11:25 Discussion

Best Presentation Awards

2 Thu., November

Podium Session 11. Infections & Geriatrics
Moderator: Young Ho Kim (Soonchunhyang University), Hong Sang Moon (Hanyang University)

Infection-incidence

O-111 Nationwide surveillance of bacterial pathogens isolated from patients with acute uncomplicated cystitis in Korea
Eichan Lim1, Taehyung Kim1, Do gyeong Lim2, Ho Seok Chung2, Eu Chang Hwang2, Kyung Jin Oh1, Jin Seok Gu1, Taek Won Kang1, Dongdeuk Kwon2, Kwangsung Park1, Sun-Ouck Kim1, Seong Hyeon Yu1, Seung Il Jung2
1Department of Urology, Chonnam National University Medical School, Chonnam National University Hospital, Gwangju, Korea, 2Department of Urology, Chonnam National University Medical School, Chonnam National University Hospital, Hwasun, Korea

O-112 Rapid increase in prevalence of extended-spectrum beta-lactamase-producing Enterobacteriaceae and carbapenem non-susceptibility over a period of 10 years in multi tertiary care centers in Korea: results from 2012 to 2021 analyzed using a multi-center common data model
Donghyun Lee2, Hyunsoo Lee1, Sunbum Cho1, Wonku Hwang1, Hyojong Kim1, Jong Wook Kim1, Sun Tae Ahn1, Hong Seok Park1, Mi Mi Oh1
1Department of Urology, Korea University Guro Hospital, 2Department of Urology, Armed Forces Capital Hospital

O-113 Trend analysis of sexually transmitted infection treatments in Korea
Seoeon Park1, Jin Bong Choi1, Sang Rak Bae2, Seung-Ju Lee3
1Department of Urology, Bucheon St. Mary’s Hospital, College of Medicine, The Catholic University of Korea, Seoul, Korea, 2Department of Urology, Uijeongbu St.Mary’s Hospital, College of Medicine, The Catholic University of Korea, Seoul, Korea, 3Department of Urology, St. Vincent’s Hospital, College of Medicine, The Catholic University of Korea, Seoul, Korea

Best Presentation Awards
O-114  Prevalence and epidemiologic characteristics of major 3 urinary tract infection; population-based analysis using HIRA Bigdata from 2010 to 2021
Byeong-Jo Kang¹, Jae Chul Lee¹, Don Hee Lyu¹, Eun Jae Kim¹, Bong Hee Park¹, Kang Seob Kim¹, Chang Hee Han¹, Sangrak Bae¹, Hong Chung², Won Yeol Cho³
¹Department of Urology, Uijeongbu St.Mary’s Hospital, College of Medicine, The Catholic University of Korea, Seoul, Korea, ²Department of Urology, Wonju Severance Christian Hospital, Wonju, Gangwon-do, Korea, ³Department of Urology, Dong-A University Hospital, College of Medicine, Dong-A University, Busan, Korea
10:42-10:50 Discussion

Infection-microbiome

O-115  The Result of Microbial Profiling Associated with Cystitis Patients using Microbiome Analysis
Junghoon Lee, Jin-Young Kim, Sangjun Yoo, Min Soo Choo, Min Chul Cho, Hyeon Jeong, Hwancheol Son
Department of Urology, Seoul Metropolitan Government Boramae Medical Center, Seoul National University College of Medicine, Seoul
10:53-10:55 Discussion

Infection-treatment

O-116  Effect of oral fosfomycin compared to the intravenous beta lactam/beta-lactamase inhibitor or carbapenem in step-down treatment of patients with complicated urinary tract infection due to extended-spectrum beta-lactamase (ESBL) producing enterobacteriaceae: a multicenter, open-label, randomized controlled, non-inferiority trial
Min Seok Kim¹, Da Young Kim², Young Min Yoon², Young Sang Lyu², Yong Sub Na², Do Sik Moon², Na Ra Yun², Dong-Min Kim², Dong Joon Kim³, Jeong Han Kim³, Sang Woon Bae⁵, Jian Hur⁵, Yoon Soo Park⁴, Min Hyung Kim⁶, Hee Jung Kim⁷, Hyung Don Lee⁸, Hee Chang Jang⁹, Jun Won Seo²
¹Department of Urology, College of Medicine, Chosun University, Gwangju Metropolitan City, Korea, ²Department of Internal Medicine, College of Medicine, Chosun University, Gwangju Metropolitan City, Korea, ³Department of Anesthesiology and Pain Medicine, College of Medicine, Chosun University, Gwangju Metropolitan City, Korea, ⁴Department of Internal Medicine, Ewha Womans University, Mokdong Hospital, Seoul, Korea, ⁵Department of Internal Medicine, Yeungnam University Medical Center, Daegu Metropolitan City, Korea, ⁶Department of Internal Medicine, Yonsei Severance Hospital, Yonsei University College of Medicine, Gyeonggi-Do, Korea, ⁷Department of Laboratory Medicine, Yongin Severance Hospital, Yonsei University College of Medicine, Gyeonggi-Do, Korea, ⁸Department of Internal Medicine, College of Medicine, Hallym University, Chuncheon Sacred Heart Hospital, Gangwon-Do, Korea, ⁹Department of Internal Medicine, National Institute of Infectious Diseases, Korea National Institute of Health, Korea Disease Control and Prevention Agency, Cheongju, Chungchongbuk-Do, Korea
10:55-10:58

O-117  Prophylactic effect of D-mannose on urinary tract infection: an updated systematic review and meta-analysis
Dae Young Jun¹, Jun Seok Sohn², Jae Yong Jeong³, Young Joon Moon⁴, Dong Hyuk Kang⁵, Hae Do Jung⁵, Joo Yong Lee¹
¹Department of Urology, Severance Hospital, Yurological Science Institute, Yonsei University College of Medicine, Seoul, Korea, ²Department of Medicine, Yonsei University College of Medicine, Seoul, Korea, ³Department of Urology, National Health Insurance Service Ilsan Hospital, Goyang, Korea, ⁴Department of Urology, Kyungpook National University Hospital, Daegu, Korea, ⁵Department of Urology, Inha University College of Medicine, Incheon, Korea, ⁶Department of Urology, Inje University Ilsan Paik Hospital, Inje University College of Medicine, Goyang, Korea
10:58-11:01
O-118  Comparison of urinary tract infection rates with and without prophylactic antibiotics in transperineal prostate biopsy: an updated systematic review and meta-analysis
Dae Young Jun¹, Jae Yong Jeong², Young Joon Moon³, Seok Cho⁴, Joo Yong Lee¹, Hae Do Jung⁴
¹Department of Urology, Severance Hospital, Urological Science Institute, Yonsei University College of Medicine, Seoul, Korea, ²Department of Urology, National Health Insurance Service Ilsan Hospital, Goyang, Korea, ³Department of Urology, Kyungpook National University Hospital, Daegu, Korea, ⁴Department of Urology, Inje University Ilsan Paik Hospital, Inje University College of Medicine, Goyang, Korea

11:04-11:10 Discussion

Geriatrics

O-119  A Pilot Study to Investigate the Effect of Specialized Education for Caregivers in Managing Urinary Incontinence and Catheter Management
Jong Hyun Tae¹,², Chung Beum Wee¹, Se Young Choi¹, In Ho Chang¹, Soon Chul Myung¹, Joongwon Choi¹, Jung Hoon Kim¹, Jin Wook Kim¹, Yong Seong Lee¹, Jae Hung Jung², Sae Chul Kim³, Tae Hyoung Kim¹,³
¹Department of Urology, Chung-Ang University, ²Department of Urology, Yonsei University Wonju College of Medicine, ³Department of Urology, Korea Prostate & Voiding Health Association

O-120  Frailty index for predicting complications and prolonged hospital stay in elderly surgical patients
Sung Goo Yoon, Jae Young Hwang, Seong Woo Yun, Tae Young Park, Chang Wan Hyun, Seung Bin Kim, Tae II Noh, Ji Sung Shim, Sung Gu Kang, Seok Ho Kang
Department of Urology, Anam Hospital, Korea University College of Medicine, Seoul, Korea

O-121  Differences in the characteristics of urinary tract infections in the elderly according to the region of infection acquisition
Hee Jo Yang, Min Kyu Kim, Dae Young Lee, Si Hyun Kim, Doo Sang Kim, Chang Ho Lee, Youn Soo Jeon
Department of Urology, Soonchunhyang university, Cheonan hospital

11:19-11:25 Discussion

Best Presentation Awards

11:25-11:30 Best Presentation Awards
Podium Session 12. Pediatrics (2)
Moderator: Dong Soo Ryu (Sungkyunkwan University), Sun-Ouck Kim (Chonnam National University)

Upper - stone

O-122 (13:00-13:03)
The change of medical use in pediatric patients with upper urinary stones in the Korea: Health Insurance Review and Assessment service (2011-2020)
Woo Cheol Kang, Ji Hyung Yoon, Hyoung BAE, Sang Hyeon Cheon, Kyung Hyun Moon, Seong Cheol Kim, Taeikmin Kwon, Sungchan Park
Department of Urology, Ulsan University Hospital, University of Ulsan College of Medicine

O-123 (13:05-13:08)
Current status of hypospadias repair surgery and complication in Korea - National Health Insurance data Study
Chang Rae Park1, Sang Woon Kim2, Gwang Suk Lee3, Sung Ku Kang1
1Department of Urology, National Health Insurance Service, Ilsan Hospital, Korea, 2Department of Urology, Urological Science Institute, Yonsei University of College of medicine

O-124 (13:08-13:11)
A comparative study of byars flap and buttonhole flap preputial skin reconstruction in tubularized incised plate urethroplasty for distal hypospadias repair
Sang Hoon Song, Bosik Kang, Chan Hoon Kwak, Jaeyoung Cho, Kyunghyun Nam, Kun Suk Kim
Department of Urology, Asan Medical Center, University of Ulsan College of Medicine

Genital - hypospadias

O-125 (13:11-13:14)
GTIP urethroplasty for hypospadias repair: evaluation of results with objective scoring systems
Saidanvar Agzamkhodjaev1,2, Zafar Abdullaev1,2, Akmal Rakhatmatullaev3, Ruslan Batrudinov3
1Department of Urology, National Children’s Medical Center, Uzbekistan, 2Department of Pediatric Surgery, Tashkent Pediatric Medical Institute, Uzbekistan, 3Department of Urology, Scandinavia Hospital, Russia

Factors that affect hCG stimulation test in prepubertal children with micropenis or small testis
Danbee Lee2, Wooseob Seong3, Jae Min Chung1,2, Sang Don Lee1,2
1Department of Pediatric Urology, Pusan National University Yangsan Children’s Hospital, 2Department of Urology, Pusan National University Yangsan Hospital, 3Department of Urology, Pusan National University Hospital

O-127 (13:23-13:26)
Factors that affect the penile size change after low dose testosterone therapy in prepubertal children
Jae Min Chung1,2, Danbee Lee2, Wooseob Seong3, Sang Don Lee1,2
1Department of Pediatric Urology, Pusan National University Yangsan Children’s Hospital, 2Department of Urology, Pusan National University Yangsan Hospital, 3Department of Urology, Pusan National University Hospital
Investigating the relationship between BMI and penile parameters, testicular volume, and their clinical implications
Danbee Lee2, Jae Min Chung1,2, Sang Don Lee1,2
1 Department of Pediatric Urology, Pusan National University Yangsan Children’s Hospital, 2 Department of Urology, Pusan National University Yangsan Hospital

O-129
(13:35-13:38)
Challenges in the diagnosis of cryptorchidism: Should follow up the retractile testes
Hyungyu Lim, Sung Hyun Bae, Jooyoung Lee, Hye Jin Byun, Teak Jun Shin, Wonho Jung, Byung Hoon Kim, Ji Yong Ha
Department of Urology, Keimyung University School of Medicine

O-130
(13:38-13:41)
Testicular location score in the retractile testis
Jae Min Chung1,2, Sang Don Lee1,2
1 Department of Urology, Pusan National University Yangsan Hospital, 2 Department of Pediatric Urology, Pusan National University Children’s Hospital

O-131
(13:41-13:44)
The prognosis of partial orchiectomy in prepubertal boys
Seung Chan Kwon1, Sang Woon Kim1, Mi-Jun Lee2, Haesung Yoon2, Jae Ok Baek3, Yong Seung Lee1, Sang Won Han1,4
1 Department of Urology and Urological Science Institute, Yonsei University College of Medicine, 2 Department of Radiology, Yonsei University College of Medicine, 3 Department of Pediatric Urology, Severance Children’s Hospital, 4 Department of Urology, CHA University College of Medicine

O-132
(13:44-13:47)
Comparison of testis volume before and after hydrocelectomy measured by ultrasonography in boys
Taehyung Kim1, Sun-Ouck Kim1, Do Gyeong Lim3, Seong Hyeon Yu1, Ho Seok Chung2, Eu Chang Hwang3, Kyung Jin Oh3, Seung Il Jung3, Taek Won Kang1, Dongdeuk Kwon3, Kwangsung Park1
1 Department of Urology, Chonnam National University Medical School, Gwangju, Korea, 2 Department of Urology, Chonnam National University Medical School, Hwasun, Korea

Discussion

Genital - testis

Best Presentation Awards

Best Presentation Awards

13:55-14:00
Video Session (2)

Moderator: Kwan Joong Joo (Sungkyunkwan University), U-Syn Ha (The Catholic University of Korea)

V-009 Robot-assisted ureteroplasty in ureteral avulsion
Yu Seok Koh, Jin Seok Kang, Jeong Hyeok Choi, Tae Soo Choi, Koo Han Yoo, Dong Gi Lee, Hyeong Lae Lee, Gyeong Eun Min
Department of Urology, Kyung Hee University Hospital at Gangdong, Kyung Hee University College of Medicine, Seoul

V-010 Vesicourethral anastomotic stenosis (VUAS) after radical prostatectomy
Youngjun Boo, Kyu Sung Lee, Kwang Jin Ko
Department of Urology, Samsung Medical Center, Sungkyunkwan University School of Medicine

V-011 Novel methods for single port robotic partial nephrectomy : inverse technique
Seokhwan Bang, San Kang, Seung Ah Rhew, Chang il Yoon, Hyeok Jae Kwon, Woong Jin Bae, Hyuk Jin Cho, U-Syn Ha, Ji Youl Lee, Sung Hoo Hong
Department of Urology, Seoul St. Mary's Hospital, College of Medicine, The Catholic University of Korea

V-012 Clinical efficacy of postoperative urinary continence of retrograde endopelvic fascia preservation technique in robot-assisted laparoscopic radical prostatectomy in localized prostate cancer patients: result from a prospective cohort
Si Hyun Kim1,2, Jang Hee Han3, Seung-hwan Jeong1, Hyeong Dong Yuk1, Ja Hyeon Ku1, Cheol Kwak1, Hyeon Hoe Kim1, Chang Wook Jeong1
1Department of Urology, Seoul National University Hospital, Seoul, Korea, 2Department of Urology, Soonchunhyang University Cheonan Hospital, Cheonan, Korea

V-013 The first Korean surgical study on the feasibility of prostatectomy and cholecystectomy with the novel Hugo™ Robotic-assisted surgery System
Chang Wook Jeong, Jang Hee Han, Yongsoo Jo, Cheol Kwak
Department of Urology, Seoul National University Hospital

V-014 Simultaneous robot-assisted adrenalectomy with partial nephrectomy Lt: a prone retroperitoneal approach
Ei Chan Lim, Hui Mo Gu, Jin Seok Gu, Do Gyeong Lim, Ho Seok Chung, Sun Ouck Kim, Kyung Jin Oh, Seung Il Jung, Taek Won Kang, Dongdeuk Kwon, Kwangsum Park, Eu Chang Hwang
Department of Urology, Chonnam National University Medical School, Chonnam National University Hwasun Hospital

V-015 Training program for paramedical staff with an XR (extended reality) system: an example of robot-assisted partial nephrectomy
Jaewon Lee1, Byeongdo Song1, Jung Kwon Kim1,2, Dongho Jheon3, Seok-Soo Byun1,2
1Department of Urology, Seoul National University Bundang Hospital, 2Department of Urology, Seoul National University College of Medicine, 3Department of Health On Cloud

V-016 DaVinci SP-based simultaneous bilateral partial nephrectomy: World-first case
Ha Jong Gyun, Jang Jae Yoon, Kim Yeung Uk, Ko Young Hwii
Department of Urology, Yeungnam University College of Medicine, Daegu, Korea
### Podium Session 13. Infertility & Sexual Dysfunction

**Moderator:** Jae Seog Hyun (Gyeongsang National University), Soo Woong Kim (Seoul National University)

#### Surgical techniques

**O-133**  
Comparison of 2 methods for robotic assisted gender affirming vaginoplasty; 2 year follow-up in Korea  
**Hyun Cheol Jeong,** Kyungtae Ko, Su Jin Kim, Dae Yul Yang  
Department of Urology, Kangdong Sacred Heart Hospital

**O-134**  
IPP under local anesthesia, multistep approach  
**Sung Hun Park**  
Department of Prosthetic Urology, Sewum Prosthetic Urology Center of Excellence

**O-135**  
Urethral sparing versus trans-vesical robot-assisted simple prostatectomy: a comparative analysis of perioperative, postoperative outcomes and ejaculation preservation  
**Seon Beom Jo**\(^1\), **Yu Seob Shin**\(^2\), **Shang Weon Pak**\(^3\), **Sun Tae Ahn**\(^4\)  
\(^1\)Department of Urology, Korea University Guro Hospital, \(^2\)Department of Urology, Jeonbuk National University Medical School

14:09-14:15 Discussion

#### Infertility

**O-136**  
Impact of microbial infection on sperm parameters and antibiotics susceptibility of seminal bacteria in subfertile males: Prevotella bivia negatively affects semen quality  
**Sanggyeong Kim,** Tae Heon Kim, Kyung Hwa Choi, Young Kwon Hong, Dong Soo Park, Young Dong Yu, Seung Ryeol Lee  
Department of Urology, Cha Medical University, College of Medicine, Bundang Cha Hospital

**O-137**  
The accuracy of the sperm count and motility measurement through the semen analysis mobile application - Sperm tester OVIEW-M PRO  
**Gyoohwan Jung**\(^1\), **Hae Kyung Song**\(^2\), **Jung Ki Jo**\(^1\)  
\(^1\)Department of Urology, Hanyang University Seoul Hospital, Seoul, Korea, \(^2\)Department of Medical and Digital Engineering, Hanyang University, Seoul, Korea

14:21-14:25 Discussion

#### Erectile dysfunction

**O-138**  
Erectile dysfunction as an independent risk factor for major cardiovascular event especially in young adults  
**Yong Nam Gwon**\(^1\), **Hyun Jung Kim**\(^2\), **Jae Heon Kim**\(^1\), **Hyeong Sik Ahn**\(^2\)  
\(^1\)Department of Urology, Soonchunhyang University Seoul Hospital, Seoul, Korea, \(^2\)Department of Preventive medicine, Korea University, Seoul, Korea
Biofeedback electric therapy stimulation enhances the efficacy of low-intensity pulsed ultrasound in treating erectile dysfunction with hormonal abnormalities: a clinical study
Guo Chen, Suliya Yushanjiang, Rui Qu, Yi Dai, Luo Yang
Department of Department of Urology and Pelvic surgery, West China School of Public Health and West China Fourth Hospital, Sichuan University, Chengdu, Sichuan, China.

Efficacy and safety of hyaluronic acid gel glans enlargement in the treatment of premature ejaculation
Hailong He, Xiaowei Zhang
Department of Urology, Peking University People’s Hospital, Republic of China

Relationship between serum testosterone levels and kidney stones prevalence in men
Yeasol Kwon1, Jun Ho Lee1, Jae Duck Choi1, Tag Keun Yoo1, Jung Yoon Kang1, Hyuk-Dal Jung1, Jun Baek Park2
1Department of Urology, Nowon Eulji Medical Center, 2Department of Urology, National Police Hospital

Measurement of recovery rate of penile neuropathy after surgical treatment of Peyronie’s disease using biothesiometry
Hyun Cheol Jeonog, Kyungtae Ko, Su Jin Kim, Dae Yul Yang
Department of Urology, Kangdong Sacred Heart Hospital

Does varicocele repair improve conventional semen parameters? a meta-analytic study of before-after data
Hyun Jun Park1, Ashok Agarwal2
1Department of Urology, Pusan National University College of Medicine, Busan, Korea, 2Department of Urology, Global Andrology Forum, OH, USA

Best Presentation Awards
Podium Session 14. Cancer - Prostate (2)
Moderator: Sung Kyu Hong (Seoul National University), Sung Gu Kang (Korea University)

Basic research

O-144  
Evaluation of prostate cancer risk using prostate cancer susceptibility variants and polygenic risk scores: focus on patients in the gray zone  
Jeeeun Kim1,3, Hak-Min Kim2,3, Yu Jin Jung2,4, Kwang Hyun Kim5, Seok Soo Byun2,5  
1Department of public health, Seoul National University Graduate School of Public Health, Korea, 2Department of Urology, Seoul National University Bundang Hospital, Korea, 3Department of R&D Center, Procagen, Korea, 4Department of Medical Device Development, Seoul National University college of Medicine, Korea, 5Department of Research Institute, Inives Biocore, Seoul, Republic of Korea

O-145  
The older the patients, the more aggressive nature of prostate cancer detected even in the same prostate-specific antigen tiers  
Jong Hyun Pyun1, Byung-Hoon Kim2, Teak Jun Shin2, Kyung Seo Lee2, Se Yun Kwon2, Yoon Soo Hah4, Tae-Hwan Kim3, Tae Gyun Kwon6, Young Hwii Ko6  
1Department of Urology, Kangbuk Samsung Hospital, Sungkyunkwan University School of Medicine, Seoul, Korea, 2Department of Urology, School of Medicine, Keimyung University, Daegu, Korea, 3Department of Urology, Dongsuk University College of Medicine, Seoul, South Korea, 4Department of Urology, Catholic University of Daegu School of Medicine, Daegu, Korea, 5Department of Urology, Kyungpook National University, School of Medicine, Daegu, Korea, 6Department of Urology, College of Medicine, Yeungnam University, Daegu, Korea

Lesion size on magnetic resonance imaging scan of the prostate: prostate-specific antigen levels matter  
Ming Tow Chan, Ziting Wang  
Department of Urology, National University Hospital, Singapore

Prognosticator

O-146  
Very early salvage radiotherapy improved radiologic progression in patients with pathologic T3b N0 and N1 prostate cancer  
Hyun Young Lee, Bumjin Lim, Dalsan You, In Gab Jeong, Jun Hyuk Hong, Bumsik Hong, Hanjong Ahn, Jungyo Suh  
Department of Urology, Asan Medical Center, University of Ulsan College of Medicine, Seoul

Treatment effect

O-147  
Effects of androgen deprivation therapy on skeletal microarchitecture and bone geometry in patients with prostate cancer  
Hui Mo Gu1, Ho Seok Chung2, Seung Il Jung1, Dongdeuk Kwon2, Ho-Cheol Kang3, A Ram Hong2, Eu Chang Hwang1  
1Department of Urology, Chonnam National University Medical School, Hwasun, South Korea, 2Department of Internal Medicine, Chonnam National University Medical School, Gwangju, South Korea
ABSTRACTS

14:21-14:25 Discussion

PSMA-PET

O-149 (14:25-14:28) The accuracy of prostate-specific membrane antigen positron emission tomography computed tomography (PSMA PET-CT) compared to MRI in the localization of prostate cancer
Dongwon Kim, Bumjin Lim, Junkyo Suh, Dalsan You, In Gab Jeong, Cheryn Song, Bumsik Hong, Hanjong Ahn, Jun Hyuk Hong
Department of Urology, Asan Medical Center, University of Ulsan College of Medicine, Seoul, Korea

Si Hyun Kim1,2, Chang Wook Jeong1, Minh-Tung Do1, Jang Hee Han1, Seung-hwan Jeong1, Hyeong Dong Yuk1, Ja Hyeon Ku1, Hyeon Hoe Kim1, Cheol Kwak1
1 Department of Urology, Seoul National University Hospital, Seoul, Korea, 2 Department of Urology, Soonchunhyang University Cheonan Hospital, Cheonan, Korea

O-151 (14:31-14:34) Value of 68Ga-PSMA PET/CT compared to mpMRI for primary tumor characterization based on radical prostatectomy histopathology
Jae Sung Lim1, Jae Hoon Kang1, Jeong Seok Oh1, Jun-Koo Kang1, Young Joon Moon1, II Jo1, Jae-Wook Chung1, Yun-Sok Ha1, Seock Hwan Choi1, Bum Soo Kim1, Shin-Young Jeong2, Hyun Tae Kim1, Tae-Hwan Kim1, Jun Nyung Lee1
1 Department of Urology, School Of Medicine, Kyungpook National University, Daegu, South Korea, 2Department of Nuclear medicine, School of Medicine, Kyungpook National University, Daegu, South Korea

14:34-14:40 Discussion

Secondary cancer after treatment

O-152 (14:40-14:43) Incidence of second primary cancer according to radiation therapy in prostate cancer
Sung Hyun Bae1, Hyung Lim1, Jooyoung Lee1, Hye Jin Byun1, Wonho Jung1, Ji Yong Ha1, Byung Hoon Kim1, Sang Jun Byun2, Teak Jun Shin1
1 Department of Urology, School of Medicine Keimyung University, 2 Department of Radiation Oncology, School of Medicine Keimyung University

O-153 (14:43-14:46) Secondary cancer after androgen deprivation therapy in prostate cancer: a nationwide study
Yong Nam Gwon1, Tae Il Noh2, Gilwan Bae3, Jaehun Jung3,4, Jae Heon Kim1
1 Department of Urology, Soonchunhyang University Hospital, Soonchunhyang University College of Medicine, Seoul, Korea, 2 Department of Urology, Anam Hospital, Korea University College of Medicine, Seoul, Korea, 3Department of Artificial Intelligence and Big-Data Convergence Center, Gil Medical Center, Gachon University College of Medicine, Incheon, South Korea, 4Department of Preventive Medicine, Gachon University College of Medicine, Incheon, Korea

O-154 (14:46-14:49) Comparative analysis of secondary primary cancer incidence in prostate cancer patients who received surgery or radiotherapy as primary treatment: A national health insurance cohort study
Chung Beum Wee, Jong Hyun Tae, In Ho Chang, Tae-Hyoung Kim, Soon Chul Myung, Joongwon Choi, Jung Hoon Kim, Jin Wook Kim, Yang Seong Lee, Se Young Choi
Department of Urology, Chung-Ang University

14:49-14:55 Discussion

97
Best Presentation Awards

14:55-15:00 Best Presentation Awards

2 Thu., November Room B (201) 15:00~16:00

Podium Session 15. Endourology & Stone Disease (2): Endourology & Stent
Moderator: Tae Hyo Kim (Dong-A University), Jinsung Park (Eulji University)

Laser

O-155  (15:00-15:03)
Efficacy of Thulium Fiber Laser Compared to Holmium YAG Laser in Endoscopic Treatment of Urolithiasis: A Systematic Review and Meta-Analysis from KSER Update Series
Dae Young Jun1, Jae Yong Jeong2, Doo Yong Chung3, Do Kyung Kim4, Hae Do Jung5, Seok Ho Kang6, Sunghyun Paick1, Joo Yong Lee1

1Department of Urology, Severance Hospital, Urological Science Institute, Yonsei University College of Medicine, Seoul, Korea
2Department of Urology, National Health Insurance Service Ilsan Hospital, Goyang, Korea
3Department of Urology, Inha University College of Medicine, Incheon, Korea
4Department of Urology, Soonchunhyang University Seoul Hospital, Soonchunhyang University College of Medicine, Seoul, Korea
5Department of Urology, Inje University Ilsan Paik Hospital, Inje University College of Medicine, Goyang, Korea
6Department of Urology, Korea University College of Medicine, Seoul, Korea

O-156  (15:03-15:06)
Thulium fibre laser: Is it the game changer in retrograde intrarenal surgery?
sujeet Poudyal

Department of Urology and Kidney Transplant Surgery, Maharajgunj Medical Campus, Tribhuvan University Teaching Hospital

O-157  (15:06-15:09)
Pulse width setting on dusting using Holmium:YAG laser during retrograde intrarenal surgery for renal stone
Yun Jin Kim, Sang Wook Lee, Kwang Woo Lee, Jun Mo Kim, Young Ho Kim, Woong Bin Kim

Department of Urology, Soonchunhyang University College of Medicine

15:09-15:15 Discussion

RIRS

O-158  (15:15-15:18)
Initial real-world experience of ureteroscopic lithotripsy using the LithoVue™ Elite system with intrarenal pressure monitoring capacity
Ben Chew1, Abdulghafour Halawani1, Victor Wong1, Jeong Hyun Lee2, June Seok Kim2, Dae Ho Kim2, Kwang Suk Lee3, Byung Ha Chung1, Kyo Chul Koo2

1Department of Urological Sciences, University of British Columbia, Vancouver, British Columbia, Canada
2Department of Urology, Yonsei University College of Medicine, Seoul, Korea
3Department of Urology, Konkuk University School of Medicine, Seoul, Korea
Joonhwan Kim1, Chinnakhet Ketsuwan2, Kyu-Seob Song1, Jae-Chul Kim1, Jooyeon Kim1, Hyeji Park3, Dong-Soo Kwon1,4, Joo Yong Lee5, Sung Yong Cho3
1Department of R&D Center, ROEN Surgical, Inc., 2Department of Urology, Department of Surgery, Faculty of Medicine Ramathibodi Hospital, Mahidol University, 3Department of Urology, Seoul National University Hospital, Seoul National University College of Medicine, 4Department of Mechanical Engineering, Korea Advanced Institute of Science and Technology (KAIST), 5Department of Urology, Severance Hospital, Urolological Science Institute, Yonsei University College of Medicine

Hyung Joon Kim1, Marne M. Louters2, Julie J. Dau2, Timothy L. Hall3, Khurshid R. Ghani2, William W. Roberts1,3
1Department of Urology, Konyang University College of Medicine, Daejeon, South Korea, 2Department of Urology, University of Michigan, Ann Arbor, MI, USA, 3Department of Biomedical Engineering, University of Michigan, Ann Arbor, MI, USA

15:24-15:30 Discussion

Stent

Sung Jin Kim1, Han Kyu Chae2, Wook Nam1, Jong Yeon Park1, Sang Hyun Park2, Jae-Seung Chung2, Cheol Kyu Oh2, Sangjun Yoo1, Min Chul Cho3, Hyeon Jeong3, Seong Cheol Kim4, Sungchan Park4, Won Ik Seo5, Jae Il Chung5, Chan Ho Lee6, Kweonsik Min6, Jimin Choi6, Bumjin Lim7, Jungyo Suh7, Dalsan You8
1Department of Urology, Department of Urology, Gangneung Asan Hospital, University of Ulsan College of medicine, Gangneung, Korea, 2Department of Urology, Department of Urology, Haeundae Paik Hospital, Inje University College of Medicine, Busan, Korea, 3Department of Urology, Department of Urology, SMG-SNU Boramae Medical Center, Seoul National University College of Medicine, Seoul, Korea, 4Department of Urology, Department of Urology, Ulsan University College of Medicine, Busan, Korea, 5Department of Management and information, Dong-A University, Busan, South Korea, 6Department of Urology, Department of Urology, Asan Medical Center, University of Ulsan College of Medicine, Seoul, Korea, 7Department of Urology, Department of Urology, Asan Medical Institute of Convergence Science and Technology, Asan Medical Center, University of Ulsan College of Medicine, Seoul, Korea

O-162 (15:33-15:36) Encrustation of silicon covered and polytetrafluoroethylene covered metallic stent, in vitro
Jun Seop Kim, Jae Hoon Chung, Deok Hyun Han
Department of Urology, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Korea

15:36-15:40 Discussion

Reconstruction & Miscellaneous

O-163 (15:40-15:43) Comparison of robotic salvage ureteroplasty between excision and primary anastomosis and buccal mucosa graft technique: a preliminary report
Chung Un Lee, Jae Hoon Chung, Deok Hyun Han
Department of Urology, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Korea
ABSTRACTS

75th Annual Meeting of The Korean Urological Association

O-164 Surgical outcomes of open, laparoscopic and robot-assisted ureteral reimplantation: a systematic review and network meta-analysis from KSER update series

Jae Yong Jeong1, Dae Young Jun2, Doo Yong Chung3, Do Kyung Kim4, Hae Do Jung5, Seok Ho Kang6, Sunghyun Paick7, Joo Yong Lee2

1Department of Urology, National Health Insurance Service Ilsan Hospital, Goyang, Korea, 2Department of Urology, Severance Hospital, Urological Science Institute, Yonsei University College of Medicine, Seoul, Korea, 3Department of Urology, Inha University College of Medicine, Incheon, Korea, 4Department of Urology, Soochunhyang University Seoul Hospital, Soochunhyang University College of Medicine, Seoul, Korea, 5Department of Urology, Inje University Ilsan Paik Hospital, Inje University College of Medicine, Goyang, Korea, 6Department of Urology, Korea University College of Medicine, Seoul, Korea, 7Department of Urology, Konkuk University School of Medicine, Seoul, Korea

O-165 Efficacy and safety of a novel laparoscopic renal denervation system for treating uncontrolled hypertension: a comparative survival preclinical study

Jang Hee Han1, Si Hyun Kim1,2, Sang Youn Kim3, Bogyeong Han4, Minh-Thung Do1,5, Chang Wook Jeong1

1Department of Urology, Seoul National University Hospital, 2Department of Urology, Soonchunhyang University Cheonan Hospital, 3Department of Radiology, Seoul National University Hospital, 4Department of Pathology, Seoul National University Hospital, 5Department of Surgery, Hai Phong University of Medicine and Pharmacy

15:49–15:55 Discussion

Best Presentation Awards

2 Thu., November Room C (202+203) 15:00–16:00

Podium Session 16. Trauma & Others

Moderator: Junhyun Han (Hallym University), Dalsan You (University of Ulsan)

Kidney- function, transplantation

O-166 Urologic complications of renal transplants over 23 years: a single-center, single-surgeon experience

Matthew Whang

Department of Urology, Cooperman Barnabas Medical Center

O-167 Comparative analysis of mortality and progression to end-stage renal disease between surgically induced-chronic kidney disease versus medical chronic kidney disease - multicenter hospital-based cohort study

Gyoohwan Jung1, Kook-Hwan Oh2, Seok-Soo Byun3, Sang Hun Song3, Jang Hee Han4, Cheol Kwak5, Sung Kyu Hong5, Sangchul Lee6, Chang Wook Jeong7

1Department of Urology, Hanyang University Seoul Hospital, 2Department of Nephrology, Seoul National University Hospital, 3Department of Urology, Seoul National University Bundang Hospital, 4Department of Urology, Seoul National University Hospital

100
O-168  Long-term mortality among living kidney donors in Korea
Ki Min Kim3, Jae Heon Kim3, Jong Man Kim4, Jin Yong Choi2, Hyun Jung Kim3, Hyeong Sik Ahn2
1Department of Surgery, Department of Surgery, Myongji Hospital, Hanyang University College of Medicine, Seoul, South Korea, 2Department of Preventive Medicine, Department of Preventive Medicine, Korea University, Seoul, South Korea, 3Department of Urology, Department of Urology, Soonchunhyang University Hospital, Soonchunhyang University College of Medicine, Seoul, Korea, 4Department of Surgery, Department of Surgery, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Korea

O-169  Robot-assisted kidney transplantation: a review of the robotic approach from donor to recipient
Jennifer Xu1, Jonathan Mccafferty3, Jonathan O'brien2, Timothy Furlong3, Nathan Lawrentschuk1,2
1Department of Urology, Royal Melbourne Hospital, 2Department of Urology, Peter Maccallum Cancer Centre, 3Department of General Surgery - Nephrological Surgery, Royal Melbourne Hospital

Ureteral stent

O-170  A novel concept of anti-reflux ureteral stent: computational fluidic dynamics simulation
Hyeon Woo Kim1, Dong Gil Shin1, Jeong Zoo Lee1, Yu Rim Kang2, Chang-Ju Park2
1Department of Urology, Pusan National University School of Medicine, 2Department of ML Research center, Korea Photonics Technology Institute (KOPTI)

O-171  The efficacy of allium URS for treatment of various ureteral stricture
Du Geon Moon, Won Kyu Hwang, Sun Beom Cho, Hyun Soo Lee, Sun Tae Ahn
Department of Urology, Korea University Guro Hospital

Urethroplasty

O-172  Staged urethroplasty with groin full-thickness skin graft for managing complex anterior urethral strictures: Surgical outcomes and predictive factors
Jooho Lee1, Min Chul Cho2, Soo Woong Kim1,3
1Department of Urology, Seoul National University Hospital, Seoul, Korea, 2Department of Urology, Seoul National University Boramae Medical Center, Korea, 3Department of Urology, Seoul National University College of Medicine, Seoul, Korea.

O-173  End-to-end anastomotic urethroplasty outcome in anterior vs posterior traumatic urethral stricture: a single-center experience
Retta Catherina Sihotang1, Haryo Satrio Muhammad1, Gampo Alam Irdam2, Irfan Wahyudi1
1Department of Urology, Faculty of Medicine Universitas Indonesia, Dr Cipto Mangunkusumo Hospital, Jakarta, Indonesia, 2Department of Urology, Eka Hospital Cibubur, West Java, Indonesia

15:12-15:20  Discussion
Hwanik Kim¹, Kookjin Huh¹, Young Jun Uhm¹, Il Tae Son², Sang Hoon Song³, Kyung Jin Chung⁴, Dae-Kyung Kwak⁵, Yi-Hwa Choi⁶, Myungsun Shim¹
¹Department of Urology, Hallym University Sacred Heart Hospital, Hallym University College of Medicine, Anyang, Korea, ²Department of Surgery, Hallym University Sacred Heart Hospital, Hallym University College of Medicine, Anyang, Korea, ³Department of Urology, Asan Medical Center, University of Ulsan College of Medicine, Seoul, Korea, ⁴Department of Urology, Gachon University Gil Medical Center, Gachon University School of Medicine, Incheon, Korea, ⁵Department of Orthopedic Surgery, Hallym University Sacred Heart Hospital, Hallym University College of Medicine, Anyang, Korea, ⁶Department of Anesthesiology and Pain Medicine, Hallym University Sacred Heart Hospital, Hallym University College of Medicine, Anyang, Korea

O-175  (15:43-15:46)  Laparoscopic transvesical repair of vesicovaginal fistula using the pneumovesical approach: a single-center initial experience with 25 cases
Byeong Jo Jeon¹, Jeong Wan Yoo², Bum Sik Tae², Chul Young Oh³, Jae Young Park², Jae Hyun Bae²
¹Department of Urology, Armed Forces Yangju Hospital, ²Department of Urology, Korea University Ansan Hospital, Korea University College of Medicine, ³Department of Urology, Hallym University College of Medicine

Jae Hyun Baik, Ji Eun Yu, Dong Hoon Koh, Jin Bum Kim, Hyung Joon Kim, Young Seop Chang, Ye Chan Joo, Hong Wook Kim
Department of Urology, Konyang University Hospital

15:49-15:55  Discussion

Best Presentation Awards

15:55-16:00  Best Presentation Awards

2 Thu., November  Room B (201)  16:00~17:00
Podium Session 17. Cancer - Prostate (3)
Moderator: Dong Deuk Kwon (Chonnam National University), Hong Seok Park (Korea University)

Big data

O-177  (16:00-16:03)  Analysis of trend in the role of national and regional hubs in prostatectomy after prostate cancer diagnosis in the past 5 years: a nationwide population based study
Woo Cheol Kang¹, Seungbong Han², Hoyoung BAE¹, Ji Hyung Yoon¹, Taekmin Kwon¹, Sungchan Park¹, Kyung Hyun Moon¹, Sang Hyeon Cheon¹, Seong Cheol Kim¹
¹Department of Urology, Ulsan University Hospital, University of Ulsan College of Medicine, ²Department of Biostatistics, Korea University College of Medicine
O-178  Trends in medical traveling for radical prostatectomy in the era of robotic surgery: a nationwide cohort study in Korea
Jee Soo Ha1, Jeong Hyun Lee1, June Seok Kim1, Daeho Kim1, Hye Sun Lee2, Soyoung Jeon2, Jinhyung Jeon1, Jae Heon Kim5, Kang Su Cho1,4
1Department of Urology, Prostate Cancer Center, Gangnam Severance Hospital, Yonsei University College of Medicine, Seoul, Korea, 2Department of Biostatistics Collaboration Unit, Yonsei University College of Medicine, Seoul, Korea, 3Department of Urology, Soonchunhyang University Hospital, Soonchunhyang University College of Medicine, Seoul, Korea, 4Department of Center of Evidence Based Medicine, Institution of Convergence Science, Yonsei University, Seoul, Korea

O-179  Clinical outcomes and postoperative costs of robot-assisted radical prostatectomy in patients with prostate cancer: a nationwide cohort study
Chung Beum Wee1, Jong Hyun Tae1, In Ho Chang1, Tae-Hyoung Kim1, Soon Chul Myung1, Joongwon Choi1, Jung Hoon Kim1, Jin Wook Kim1, Yong Seong Lee1, Se Young Choi1, Jae Hun Shim2
1Department of Urology, Chung-Ang University, 2Department of Urology, Daejeon-Chungnam Regional office of Military Manpower

16:09-16:15  Discussion

Radical prostatectomy

O-180  Functional outcomes of hypothermic robot-assisted radical prostatectomy using bellocool™: a randomized, multicenter, single-blinded study
jang Hee Han1, Chang Wook Jeong1, Jae Hoon Chung2, Sang Chul Lee3, Seok Soo Byun3, Cheol Kwak1, Seong Soo Jeon3
1Department of Urology, Seoul National University Hospital, 2Department of Urology, Samsung Medical Center, 3Department of Urology, Seoul National University Bundang Hospital

O-181  The feasibility of extraperitoneal spRARP: Propensity score-matched comparative study with intraperitoneal mpRARP
Ji hyung Yoon, Taekmin Kwon, Seong Cheol Kim, Sungchan Park, Kyung Hyun Moon, Sang Hyeon Cheon
Department of Urology, Ulsan University Hospital, University of Ulsan College of Medicine, Ulsan, Korea

O-182  Clinical significance of radical prostatectomy in clinical lymph node metastasis in prostate cancer
Dongwon Kim, Jungyo Suh, Dalsan You, In Gab Jeong, Jun Hyuk Hong, Hanjong Ahn, Bumjin Lim
Department of Urology, Asan Medical Center, University of Ulsan College of Medicine, Seoul, Korea

O-183  Real time deep learning semantic segmentation during intraoperative robotic prostatectomy
Il In Park, Ji Won Kim, Min Jung Kang, Sung Tae Cho, Young Goo Lee, Sung Gon Park, Sahyun Pak
Department of Urology, Kangnam Sacred Heart Hospital, Hallym University College of Medicine

16:27-16:35  Discussion
### Other therapy

<table>
<thead>
<tr>
<th>#</th>
<th>Title</th>
<th>Authors</th>
<th>Institutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-184</td>
<td>Oncologic Outcomes of Partial Gland Ablation using Focal Intensity Focused Ultrasound after Additional Confirmatory Transperineal Mapping Biopsy in Men with Prostate Cancer</td>
<td>Ji Hwan Lee, Jae Hoon Chung, Minyong Kang, Hyun Hwan Sung, Hwang Gyun Jeon, Byong Chang Jeong, Seong Il Seo, Seong Soo Jeon, Hyun Moo Lee, Wan Song</td>
<td>Department of Urology, Department of Urology, Sungkyunkwan University College of Medicine, Korea (Samsung Medical Center)</td>
</tr>
<tr>
<td>O-185</td>
<td>Irreversible electroporation for localized prostate cancer</td>
<td>Hyong Woo Moon, San Kang, Seung Ah Rhew, Chang Eil Yoon, Yong Hyun Park, Hyuk Jin Cho, U-Syn Ha, Sung Hoo Hong, Ji Youl Lee</td>
<td>Department of Urology, Seoul St. Mary’s Hospital, College of Medicine, The Catholic University of Korea, Seoul, Korea</td>
</tr>
<tr>
<td>O-186</td>
<td>Propensity score matched analysis of functional outcome in 5000 cases of robot-assisted radical prostatectomy versus high-intensity focused ultrasound</td>
<td>Sang Hun Song, Jaewon Lee, Jung Kwon Kim, Jong Jin Oh, Sangchul Lee, Seok-Soo Byun, Sung Kyu Hong, Hakmin Lee</td>
<td>Department of Urology, Seoul National University Bundang Hospital</td>
</tr>
<tr>
<td>O-187</td>
<td>Comparison of long-term outcomes between radical prostatectomy and 125I low-dose-rate brachytherapy in patients with intermediate-risk prostate cancer</td>
<td>Young Dong Yu, Tae Heon Kim, Kyung Hwa Choi, Young Kwon Hong, Dong Soo Park, Seung Ryeol Lee</td>
<td>Department of Urology, Cha Medical University, College of Medicine, Bundang Cha Hospital</td>
</tr>
</tbody>
</table>

16:47-16:55 Discussion

### Best Presentation Awards

16:55-17:00 Best Presentation Awards

---

2 Thu., November  Room C (202+203) 16:00~17:00

**Podium Session 18. LUTS/BPH (2)**

Moderator: Joonhwa Noh (Kwangju Christian Hospital), Jang Hwan Kim (Yonsei University)

**Factors associated with LUTS**

<table>
<thead>
<tr>
<th>#</th>
<th>Title</th>
<th>Authors</th>
<th>Institutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-188</td>
<td>Quantitative association between nocturia and testosterone deficiency in men</td>
<td>Sung Jin Kim, Il In Park, Ji Won Kim, Min Jung Kang, Young Goo Lee, Ohseong Kwon, Sahyun Pak, Sung Gon Park, Sung Tae Cho</td>
<td>Department of Urology, Hallym University Kangnam Sacred Heart Hospital</td>
</tr>
</tbody>
</table>
ABSTRACTS

O-189  The Role of Cannabinoid in Urothelium of Patients with Detrusor Underactivity
Kyu Hun Han, Kang Jun Cho, Jun Sung Koh, Jin Bong Choi, Joon Se Jung, Joon Chul Kim
Department of Urology, College of Medicine, The Catholic University of Korea, Korea

O-190  Association between Lower Urinary Tract Symptoms and Depression in Older Korean Adults: A Cross-Sectional Study
Taehyung Kim1, Kwangsung Park1, Do Gyeong Lim2, Seong Hyeon Yu1, Ho Seok Chung2, Eu Chang Hwang2, Sun-Ouck Kim1, Kyung Jin Oh1, Seung Il Jung2, Taek Won Kang1, Dongdeuk Kwon2
1Department of Urology, Chonnam National University Medical School, Chonnam National University Hospital, Gwangju, Korea, 2Department of Urology, Chonnam National University Medical School, Chonnam National University Hospital, Hwasun, Korea

O-191  The correlation between anatomical structural variations and voiding functions in men with benign prostatic hyperplasia/lower urinary tract symptoms
JeongWoo Yoo1, SeungHan Shin1, KwangSuk Lee2
1Department of Urology, Veterans Health Service medical center, Seoul, Korea, 2Department of Urology, Gangnam Severance Hospital, Yonsei University College of Medicine, Seoul, Korea

16:12-16:20  Discussion

Robotic surgery

O-192  Bladder neck reconstruction during robotic-assisted simple prostatectomy is associated with reduced postoperative bleeding and complications
Byung Hoon Kim, Ji Yong Ha, Wonho Jung, Teak Jun Shin, Hye Jin Byun
Department of Urology, School of Medicine Keimyung University, Dongsan Hospital

16:23-16:25  Discussion

Transurethral prostate surgery

O-193  Overcutting as the main risk factor of developing bladder neck contracture after endoscopic surgical treatment of BPH
Aziza Tavakkalova3, Azimjon Tursunkulov1, Dilmurod Yunusov1
1Department of Urology, Akfa Medline, 2Department of Medical School, Central Asian University

O-194  Transurethral bipolar en-bloc enucleation of BPH with bladder neck preservation technique: technical aspects and influence on functional outcomes
Aziza Tavakkalova3, Dilmurod Yunusov1, Azimjon Tursunkulov3
1Department of Medical School, Central Asian University, 2Department of Urology, Akfa Medline

O-195  The effects of peri-urethral thrombin instillation on post-operative hematuria and voiding function in patients with benign prostatic hyperplasia (BPH) undergoing trans-urethral prostate surgery
Joung Won Sung, Woong Na, Jong Hyun Yoon, Gee Hyun Song, Junpyo Hong, So Mi Park, Seong Pyo Seo
Department of Urology, National Medical Center
O-196  Transurethral Enucleation with bipolar energy for benign prostate hypertrophy: assessing surgical outcomes in patients with and without neurologic deficits
Younsoo Chung, Jae Won Lee, Seong Jin Jeong, Jun Hyeon Nam, Hyeon Jun Park
Department of urology, Seoul National University Bundang Hospital

16:37-16:45  Discussion

Miscellaneous

O-197  Dissemination of misinformative and biased information about benign prostate hyperplasia (BPH) on Youtube in South Korea
Min Seong Song, Ho Young Koo, Jeong Wan Yoo, Hyun Kyung Chang, Bum Sik Tae, Hoon Choi, Jae Hyun Bae, Jae Young Park
Department of Urology, Korea University Hospital of Ansan

16:51-16:55  Discussion

Best Presentation Awards

16:55-17:00  Best Presentation Awards

3 Fri., November  Room B (201)  09:00~10:00
Podium Session 19. Cancer - Bladder, Pelvis, Ureter & Others (3): Basic research & UTUC
Moderator: Bumsik Hong (University of Ulsan), Ja Hyeon Ku (Seoul National University)

Adjuvant therapy after nephroureterectomy

O-199  Effectiveness of adjuvant chemotherapy in variant histology upper tract urothelial carcinoma following radical nephroureterectomy: stabilized inverse probability treatment weighting analysis of single center experience
Hyun Young Lee, Inkeun Park, Bumjin Lim, Cheryn Song, Dalsan You, In Gab Jeong, Jun Hyuk Hong, Hanjong Ahn, Young-Mi Cho, Jaelyun Lee, Bumsik Hong, Jungyo Suh
Department of Urology, Asan Medical Center, Department of Oncology, Asan Medical Center, Department of Pathology, Asan Medical Center
<table>
<thead>
<tr>
<th>Title</th>
<th>Authors</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-200 Single early intravesical instillation of epirubicin in the prevention of bladder recurrence after nephroureterectomy for upper urinary tract urothelial carcinoma</td>
<td>Jong Hoon Lee, Chung Un Lee, Jae Hoon Chung, Wan Song, Miyoung Kang, Hwang Gyun Jeon, Byong Chang Jeong, Seong Il Seo, Seong Soo Jeon, Hyun Moo Lee, Hyun Hwan Sung</td>
<td>Department of Urology, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Korea</td>
</tr>
<tr>
<td>O-201 Adjuvant chemotherapy after radical nephroureterectomy for upper tract urothelial carcinoma with variant histology: a systematic review and meta-analysis of survival outcomes</td>
<td>Jinhyung Jeon, Jae Heon Kim, Jae Soo Ha, Won Jae Yang, Kang Su Cho, Dokyung Kim</td>
<td>Department of Urology, Gangnam Severance Hospital, Yonsei University College of Medicine, Seoul, Korea; Department of Urology, Soochunhyang University Seoul Hospital, Soochunhyang University Medical College, Seoul, Korea</td>
</tr>
<tr>
<td>O-202 Risk-adapted scoring model to identify candidates benefiting from adjuvant chemotherapy after radical nephroureterectomy in localized upper urinary tract urothelial carcinoma: a multicenter study</td>
<td>Sung Jun Sou, Kyung Hwan Kim, Hui Mo Gu, Ja Yoon Ku, Won Ik Seo, Jae Il Chung, Young Joo Park, Hong Koo Ha, Eu Chang Hwang, Chan Ho Lee</td>
<td>Department of Urology, Busan Paik Hospital, Inje University College of Medicine; Department of Urology, Pusan National University Hospital, Pusan National University School of Medicine; Department of Urology, Chonnam National University Hwasun Hospital, Chonnam National University Medical School; Department of Urology, Dongnam Institute of Radiological &amp; Medical Sciences Cancer Center; Department of Internal Medicine, Pusan National University Hospital, Pusan National University School of Medicine</td>
</tr>
<tr>
<td>Basic research</td>
<td></td>
<td></td>
</tr>
<tr>
<td>O-203 Single-cell RNA sequencing of BCG-unresponsive non-muscle invasive bladder cancer</td>
<td>Jee Soo Park, Hyoung-Oh Jeong, Kyoung Joon Lee, Jongchan Kim, Won Sik Jang, Kang Su Cho, Seung Hwan Lee, Won Sik Ham</td>
<td>Department of Urology and Urological Science Institute, Yonsei University College of Medicine; Department of Capital Regional Centers For Disease Control and Prevention, Korea Disease Control and Prevention Agency; Department of Urology, Yangin Severance Hospital, Yonsei University Health System, Department of Biomedical Engineering, College of Information-Bio Convergence Engineering, Ulsan National Institute of Science and Technology; Department of Urology, Gangnam Severance Hospital, Yonsei University College of Medicine</td>
</tr>
<tr>
<td>O-204 Evaluating the anticancer potency of recombinant M. smegmatis in a syngeneic mouse model of bladder cancer</td>
<td>Dongwook Song, Hyunho Han, Gisub Choi, Young Deuk Choi</td>
<td>Department of Urology, Yonsei University College of Medicine, Seoul, Korea; Department of New drug development, CLIPS BnC Co.</td>
</tr>
<tr>
<td>Biomarker &amp; prognosis</td>
<td></td>
<td></td>
</tr>
<tr>
<td>O-205 Effect of aristolochic acid exposure in patients with upper tract urothelial carcinoma: based on propensity score matching weight method</td>
<td>Jianyong Liu</td>
<td>Department of Urology, Beijing Hospital</td>
</tr>
</tbody>
</table>
O-206  FGFR3 mutation in urothelial carcinoma: a single center study using next-generation sequencing
Taehyung Kim1, Seong Hyeon Yu1, Ho Seok Chun2, Eu Chang Hwang2, Sun-Ouck Kim1, Kyung Jin Oh1, Seung Il Jung2, Taek Won Kang2, Dongdeuk Kwon2, Kwangsung Park1, Do Gyeong Lim2
1Department of Urology, Chonnam National University Medical School, Chonnam National University Hospital, Gwangju, Korea, 2Department of Urology, Chonnam National University Medical School, Chonnam National University Hospital, Hwasun, Korea

O-207  Development and validation of the artificial intelligence-based oncological outcome prediction model for upper-urinary tract urothelial carcinoma patient after radical nephroureterectomy
Yeonuk Jung, Bumjin Lim, Dalsan You, Cheryn Song, In Gab Jeong, Jun Hyuk Hong, Bumsik Hong, Hanjong Ahn, Jungyo Suh
Department of Urology, Asan Medical Center, Seoul, Korea.

09:39-09:45  Discussion

Kidney-sparing surgery

O-208  The initial Australian experience with intracavitary Jelmyto instillation for low grade upper tract urothelial cancer
Kylie Lim1, Gavin Wei1, Obaidullah Fazli2, Jincy Kuriakose1, So Young Jang1, Sarah Ransley1, Janice Downie1, James Burn1, Diederick De Boo3, Stuart Lyon3, Steuart Rorke3, Beena Kumar4, Scott Donnellan1, Matthew Harper1, Weranja Ranasinghe2
1Department of Urology, Monash Health, 2Department of Pharmacy, Monash Health, 3Department of Imaging, Monash Health, 4Department of Anatomical Pathology, Monash Health

O-209  Kidney Sparing Surgery in Upper Tract Urothelial Carcinoma: Paradigm Change in Surgical Treatment for Ureter Cancer
Dongsu Kim, Bumsik Hong
Department of Urology, Asan Medical Center, University of Ulsan College of Medicine, Seoul, Korea

09:51-09:55  Discussion

Best Presentation Awards

09:55-10:00  Best Presentation Awards
Podium Session 20. Cancer - Kidney (2)
Moderator: Seong Il Seo (Sungkyunkwan University), Jae Young Park (Korea University)

**Diagnosis**

**O-210**  
(10:00-10:03)  
Assessment of modified eligible criteria for adjuvant immune checkpoint inhibitors in renal cell carcinoma  
Jang Hee Han¹, Jin-Young Kim¹, Hyeon Hoe Kim², Cheol Kwak¹, Chang Wook Jeong¹  
¹Department of Urology, Seoul National University Hospital, ²Department of Urology, Myongji Hospital

**O-211**  
(10:03-10:06)  
The availability of ChatGPT to provide medical information for patients with kidney cancer  
Joongwon Choi¹, Jin Wook Kim¹, Jong Seong Lee¹, Jong Hyun Tae², Se Young Choi³, Tae-Hyoung Kim³, Soon Chul Myung², In Ho Chang³, Jung Hoon Kim¹  
¹Department of Urology, Chung-Ang University Gwangmyeong Hospital, Chung-Ang University College of Medicine, Seoul, Korea, ²Department of Urology, Chung-Ang University Hospital, Chung-Ang University College of Medicine, Seoul, Korea

**Discussion**

**Prognosis (1)**

**O-212**  
(10:10-10:13)  
Single cell transcriptomic features for predicting immunotherapy responsiveness in metastatic renal cell carcinoma  
KyuTae Hwang¹, Jae Hoon Chung², Wan Song³, Hyun Hwan Sung³, Hwang Gyun Jeon³, Byong Chang Jeong³, Seong Il Seo², Seong Soo Jeon², Hyun Moo Lee¹, Minyong Kang¹  
¹Department of Urology, Samsung Medical Center, Sungkyunkwan University School of Medicine, ²Department of Health Sciences and Technology, SAIHST, Sungkyunkwan University

**O-213**  
(10:13-10:16)  
Polygenic risk score model for renal cell carcinoma in the Korean population and lifestyle modification  
Joo Young Hong¹, Jang Hee Han², Seung Hwan Jeong²,³, Cheol Kwak²,³, Hyeon Hoe Kim²,³,⁴, Chang Wook Jeong²,³  
¹Department of Biomedical Research Institute, Seoul National University Hospital, ²Department of Urology, Seoul National University Hospital, ³Department of Urology, Seoul National University College of Medicine, ⁴Department of Urology, Myongji Hospital

**O-214**  
(10:16-10:19)  
Gender Disparity in the Prognostic Significance of Psoas Muscle Index for Localized Renal Cell Carcinoma  
Byeong Jin Kang¹,², Seung Hyeon Kim¹, Kyung ha Jang¹, Woo seop Seong¹, Gwon Kyeong Lee³, Kyung Hwan Kim¹,², Hong Koo Ha¹,²  
¹Department of Urology, Pusan National University Hospital, ²Department of Urology, College of Medicine, Pusan National University

**Discussion**
Prognosis (2)

O-215  Sites of Metastasis and Survival In Metastatic Renal Cell Carcinoma: Results From the KRoCS Database.
(10:25-10:28)
Chan Ho Lee1, Minyong Kang2, Cheol Kwak3, Young Hwi Ko4, Jung Kwon Kim5, Jae Young Park6, Seokhwan Bang7, Seong Il Seo2, Jungyo Suh8, Wan Song9, Cheryn Song9, Jinsoo Chung9, Chang Wook Jeong9, Jung Ki Jo10, Seock Hwan Choi11, Joongwou Cho12, Chang Il Choi13, Jang Hee Han3, Sung-Ho Hong7, Eu Chang Hwang14
1Department of Urology, Inje University Busan Paik Hospital, Inje University College of Medicine, 2Department of Urology, Samsung Medical Center, Sungkyunkwan University School of Medicine, 3Department of Urology, Seoul National University Hospital, Seoul National University College of Medicine, 4Department of Urology, Yonsei University College of Medicine, 5Department of Urology, Korea University Ansan Hospital, Korea University College of Medicine, 6Department of Urology, Seoul National University Bundang Hospital, Seoul National University College of Medicine, 7Department of Urology, Seoul St. Mary’s Hospital, College of Medicine, The Catholic University of Korea, 8Department of Urology, Asan Medical Center, University of Ulsan College of Medicine, 9Department of Urology, Center For Urologic Cancer, National Cancer Center, 10Department of Urology, Hanyang University Hospital, Hanyang University College of Medicine, 11Department of Urology, Kyungpook National University Hospital, School of Medicine, 12Department of Urology, Chung-Ang University Gwangmyeong Hospital, Chung-Ang University College of Medicine, 13Department of Urology, Hallym University Dongtan Sacred Heart Hospital, Hallym University School of Medicine, 14Department of Urology, Chonnam National University Hwasun Hospital, Chonnam National University Medical School

O-216  Prognostic Significance of the Site of Invasion in pT3a Renal Cell Carcinoma
(10:28-10:31)
Hyun Young Lee1, Jungyo Suh1, Minyong Kang2, Seong Il Seo2, Chang Wook Jeong3, Cheol Kwak3, Cheryn Song1
1Department of Urology, Asan Medical Center, University of Ulsan College of Medicine, Seoul, 2Department of Urology, Samsung Medical Center, Sungkyunkwan University School of Medicine, 3Department of Urology, Seoul National University Hospital

O-217  Tumor necrosis and Sarcomatoid features in metastatic renal cell carcinoma patients as a prognostic factor
(10:31-10:34)
Yongsoo Jo1, Hyeongdong Yuk1, Changwook Jeong1, Euchang Hwang3, Jaeyoung Park1, Cheryn Song6, Sengil Seo5, Seoksoo Byun5, Sunghee Hong5, Minyong Kang5, Jinsoo Chung5, Hakmin Lee6, Cheol Kwak1
1Department of Urology, Seoul National University Hospital, Seoul, Korea, 2Department of Urology, Chonnam National University Hwasun Hospital, Hwasun, Korea, 3Department of Urology, Yonsei University College of Medicine, Ansan, Korea, 4Department of Urology, Asan Medical Center, University of Ulsan College of Medicine, Seoul, Korea, 5Department of Urology, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Korea, 6Department of Urology, College of Medicine, The Catholic University of Korea, Seoul, Korea, 7Department of Urology, National Cancer Center, Goyang, Korea.

10:34-10:40 Decision

Treatment

O-218  The role of cytoreductive nephrectomy in metastatic renal cell carcinoma in immune-oncology era (SEVURO-CN): a study protocol for a multi-center, prospective, randomized trial
(10:40-10:43)
Jee Soo Park1, Jongchan Kim1, Jinhyung Jeon1, Jongsuk Lee1, Won Sik Jung1, Seung Hwan Lee1, Woong Kyu Han1, Kyo Chul Koo1, Kang Su Cho1, Won Sik Ham1
1Department of Urology and Urological Science Institute, Yonsei University College of Medicine, 2Department of Capital Regional Centers For Disease Control and Prevention, Korea Disease Control and Prevention Agency, 3Department of Urology, Yongin Severance Hospital, Yonsei University Health System, 4Department of Urology, Gangnam Severance Hospital, Yonsei University College of Medicine
Comparative study of oncological outcomes in surgically treated renal cell carcinoma with renal vein thrombosis: clear cell versus non-clear cell subtypes

Dongrul Shin, Bumjin Lim, Cheryn Song, Dalsan You, In Gab Jeong, Jun Hyuk Hong, Hanjong Ahn, Bumsik Hong, Jungyo Suh
Department of Urology, Asan Medical Center, Ulsan University College of Medicine, Seoul, South Korea

The impact of diabetes mellitus and hypertension on renal function during first-line targeted therapy for metastatic renal cell carcinoma: a multicenter study

sung Jun Sou1, Ja Yoon Ku2, Hui Mo Gu3, Kyung Hwan Kim4, Young Joo Park5, Seock Hwan Choi6, Hong Koo Ha7, Eu Chang Hwang8, Chan Ho Lee1
1Department of Urology, Busan Paik Hospital, Inje University College of Medicine, Busan, Korea, 2Department of Urology, Dongnam Institute of Radiological & Medical Sciences Cancer Center, Busan, Korea, 3Department of Urology, Chonnam National University Hwasun Hospital, Chonnam National University Medical School, Gwangju, Korea, 4Department of Urology, Pusan National University Hospital, Pusan National University School of Medicine, Busan, Korea, 5Department of Internal Medicine, Pusan National University Hospital, Pusan National University School of Medicine, Busan, Korea, 6Department of Urology, Kyungpook National University Hospital, Kyungpook National University School of Medicine, Daegu, Korea

Germline and somatic DNA-repair genes mutations in Korean men with prostate cancer: mutational profiling of homologous recombination repair genes

Hak-Min Kim1,2, Jee Eun Kim1,2,3, Yu Jin Jung1,2, Sung Kyu Hong1, Jung Kwon Kim1, Sang Hun Song1, Hakmin Lee1, Sangchul Lee1, Seok-Soo Byun1,2,4
1Department of Urology, Seoul National University Bundang Hospital, Korea, 2Department of R&D Center, Procagen, Korea, 3Department of Research Institute, Invites Biocore, Korea, 4Department of Medical Device Development, Seoul National University College of Medicine, Korea

Practical utility of liquid biopsies for evaluating genomic alterations in CRPC

Seung-hwan Jeong1,2, Ji Hyun Lee1, Jang Hee Han1,2, Hyung Dong Yuk1,2, Chang Wook Jeong1,2, Ja Hyeon Ku1,2, Cheol Kwak1,2
1Department of Urology, Seoul National University Hospital, 2Department of Urology, Seoul National University College of Medicine
O-223 Chemotherapeutics with topoisomerase I inhibitor decreased the number of TRAP positive metastatic bone cancer cells in prostate cancer
Yun Seob Song1, Jae Heon Kim1, Sang Hun Lee2, Serk In Park3
1Department of Urology, Soochunhyang University College of Medicine, 2Department of Biochemistry and Molecular Biology, Soochunhyang University College of Medicine, 3Department of Biochemistry and Molecular Biology, Korea University College of Medicine

O-224 USP11 of the Ubiquitin-protein system inhibits the progression of prostate cancer by the posttranscriptional reverse of PTEN ubiquitination
Yun Seob Song1, Jae Heon Kim1, Hee Jo Yang1, Kwang Woo Lee1, Chang Ho Lee1, Youn Soo Jeon1, Jong Hyum Yun1, Su Yeon Park3, Su Jung Song1, Ji Hye Lee2, Ah Rim Moon2, Yun Hee Kim2
1Department of Urology, Soochunhyang University College of Medicine, 2Department of Pathology, Soochunhyang University College of Medicine, 3Department of Data Innovation, Soochunhyang University Seoul Hospital, 4Department of Integrated Biomedical Science, Soochunhyang University College of Medicine

O-225 Comparison of short-term outcomes and safety profiles between androgen deprivation therapy + abiraterone/prednisone and androgen deprivation therapy + docetaxel in patients with de novo metastatic hormone-sensitive prostate cancer: final results
Dong Jin Park1, Tae Gyun Kwon2, Jae Young Park3, Jae Young Joung4, Hong Koo Ha5, Seong Soo Jeon6, Sung-Hoo Hong7, Sungchan Park8, Seung Hwan Lee9, Jin Seon Cho10, Sung-Woo Park11, Se Yun Kwon11, Jung Ki Jo12, Hong Seok Park13, Sang-Cheol Lee14, Dong Deuk Kwon15, Sun Il Kim16, Jung Hyun Park17, Soo Dong Kim18, Cheol Kwak19, Chang Wook Jeong20, Seock Hwan Choi2
1Department of Urology, Dongguk University College of Medicine, Gyeongju, Korea, 2Department of Urology, School of Medicine, Kyungpook National University, Daegu, Korea, 3Department of Urology, Korea University Ansan Hospital, Ansan, Korea, 4Department of Urology, Center for Prostate Cancer, National Cancer Center, Goyang, Korea, 5Department of Urology, Pusan National University Hospital, College of Medicine, Pusan National University, Busan, Korea, 6Department of Urology, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Korea, 7Department of Urology, Seoul St. Mary’s Hospital, College of Medicine, The Catholic University of Korea, Seoul, Korea, 8Department of Urology, Ulsan University Hospital, University of Ulsan College of Medicine, Ulsan, Korea, 9Department of Urology, Severance Hospital, Yonsei University College of Medicine, Seoul, Korea, 10Department of Urology, Hallym University Sacred Heart Hospital, Hallym University College of Medicine, Anyang, Korea, 11Department of Urology, School of Medicine, Pusan National University, Yangsan, Korea, 12Department of Urology, College of Medicine, Hansyang University, Seoul, Korea, 13Department of Urology, Korea University College of Medicine, Seoul, Korea, 14Department of Urology, Chungbuk National University Hospital, College of Medicine, Chungbuk National University, Cheongju, Korea, 15Department of Urology, Chonnam National University Hwasun Hospital, Chonnam National University Medical School, Gwangju, Korea, 16Department of Urology, Ajou University School of Medicine, Suwon, Korea, 17Department of Urology, Inje University College of Medicine, Haeundae Paik Hospital, Busan, Korea, 18Department of Urology, Dong-A University College of Medicine, Busan, Korea, 19Department of Urology, Seoul National University College of Medicine, Seoul National University Hospital, Seoul, Korea

O-226 Oral chemotherapeutic agents in metastatic hormone-sensitive prostate cancer: a network meta-analysis of randomized controlled trials
Chung Beum Wee, Jong Hyun Tae, In Ho Chang, Tae-Hyoung Kim, Soon Chul Myung, Joongwon Choi, Jung Hoon Kim, Jin Wook Kim, Yong Seong Lee, Se Young Choi
Department of Urology, Chung-Ang University

Discussion
O-227 Discrete-choice experiment to understand treatment preferences among patients with metastatic hormone-sensitive prostate cancer and locally advanced prostate cancer in South Korea

Yunmi Jo, Alicia K. Morgans, Bertrand F. Tombal, Sebastien J. Hotte, HIroyoshi Suzuki, Arijit Ganguli, Daniel Ng, Charles D. Scales, Jr., Matthew J. Wallace, Jui-Chen Yang, Daniel J. George, Juan Marcos Gonzalez

1Department of Medical Affairs, Astellas Pharma Korea, Inc., Seoul, South Korea, 2Department of Dana-Farber Cancer Institute, Dana-Farber Cancer Institute, Boston, MA, United States, 3Department of Cliniques Universitaires Saint-Luc, Universite Catholique De Louvain, Brussels, Belgium, 4Department of Department of Oncology, McMaster University and Juravinski Cancer Centre, Hamilton, ON, Canada, 5Department of Department of Urology, Toho University Sakura Medical Center, Chiba, Japan, 6Department of Department of Medical Affairs, Astellas Pharma Inc., Northbrook, IL, United States, 7Department of Department of Medical Affairs, Astellas Pharma Singapore Pte Ltd, Singapore, Singapore, 8Department of Department of Population Health Sciences, Duke University School of Medicine, Durham, NC, United States, 9Department of Department of Clinical Research Institute, Duke University School of Medicine, Durham, NC, United States, 10Department of Department of Urology, Duke University School of Medicine, Durham, NC, United States

11:29-11:35 Discussion

Treatment in mCRPC

O-228 Comparison of oncologic outcomes between two alternative sequences with abiraterone acetate and enzalutamide in patients with metastatic castration-resistant prostate cancer

Chang Eil Yoon, Jin Bong Choi, Soeun Park, Yunhee Lee, U-syn Ha

1Department of Urology, Seoul St. Mary's Hospital, College of Medicine, The Catholic University of Korea, Seoul, Korea, 2Department of Urology, Bucheon St. Mary's Hospital, College of Medicine, The Catholic University of Korea, Seoul, Korea

11:35-11:38 Withdrawal

O-229 Non-regional lymph node metastasis as a predictor of early progression in patients with metastatic castration-resistant prostate cancer without previous chemotherapy

Jun Hyuk Choi, Tack Lee, Beom Yong Rho, Si Hyeon Kim, Jin Woo Ahn, Ji-Kan Ryu, Dong Hyuk Kang, Jong Won Kim, Do Young Chung

Department of Urology, Inha University College of Medicine

11:38-11:41 Discussion

Treatment of New concept

O-230 Progression-directed therapy in oligoprogressive castration-resistant prostate cancer

Jae Hoon Kang, Jeong Seok Oh, Jun-Koo Kang, Young Joon Moon, Jae-Wook Chung, Mi Young Kim, Yun-Sok Ha, Seock Hwan Choi, Bum Soo Kim, Hyun Tae Kim, Tae-Hwan Kim, Eun Sang Yoo, Tae Gun Kwon, Jun Nyung Lee

1Department of Urology, School of Medicine, Kyungpook National University, Daegu, South Korea, 2Department of Radiation Oncology, Kyungpook National University Chilgok Hospital, Daegu, Korea

11:45-11:48

O-231 Bipolar androgen therapy sensitizes castration-resistant prostate cancer: pre-clinical study


Department of Urology, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Korea

11:48-11:51 Discussion
### Best Presentation Awards

11:55–12:00  **Best Presentation Awards**

---

## E-Poster (Non Discussion Poster)

<table>
<thead>
<tr>
<th>E-Poster ID</th>
<th>Title</th>
<th>Authors</th>
<th>Institutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>EP-001</td>
<td>Genetic and pathway alterations of prostate cancer: from localized to metastatic prostate cancer</td>
<td>Chang Eil Yoon¹, Dongho Shin², San Kang¹, Seung Ah Rhew², Hyeok Jae Kwon¹, Seokhwan Bang³, Hyong Woo Moon¹, Woong Jin Bae¹, Hyuk Jin Cho¹, U-Syn Ha³, Sung-Hoo Hong¹, Ji Youl Lee¹</td>
<td>¹Department of Urology, Seoul St. Mary’s Hospital, College of Medicine, The Catholic University of Korea, ²Department of Urology, International St. Mary’s Hospital, College of Medicine, Catholic Kwandong University, Incheon, Korea</td>
</tr>
<tr>
<td>EP-002</td>
<td>Development of prognostic index based on twenty-three genes for predicting superficial-to-invasive progression of non-muscle invasive bladder cancer patients</td>
<td>Young Joon Byun¹, Chuangming Zheng¹, Xuan-Mei Piao², Woo Suk Lee¹, Seon-Kyu Kim³, Seong-Hwan Park³, Seon-Young Kim³, Ho Won Kang¹, Won Tae Kim¹, Yong-June Kim³, Seok-Joong Yun¹, Sang-Cheol Lee³, Wun-Jae Kim¹,²</td>
<td>¹Department of Urology, College of Medicine, Chungbuk National University, ²Department of Urology, Urotech Co, ³Department of Bioinformatics, KRIIBB School of Bioscience, Korea University of Science and Technology</td>
</tr>
<tr>
<td>EP-003</td>
<td>Prostate cancer therapy using immune checkpoint molecules to target recombinant dendritic cells</td>
<td>Se Young Choi¹, Yunlim Kim²,³, Bumjin Lim³, In Ho Chang¹, Choong-Soo Kim⁴</td>
<td>¹Department of Urology, Chung-Ang University Hospital, Chung-Ang University College of Medicine, ²Department of Asan Institute For Life Sciences, Asan Medical Center, ³Department of Urology, Asan Medical Center, University of Ulsan College of Medicine, ⁴Department of Urology, Ewha Womans University Mokdong Hospital, Ewha Womans University School of Medicine</td>
</tr>
<tr>
<td>EP-004</td>
<td>Bladder tissue microbiome can be easily monitored with shotgun metagenomic sequencing of urine</td>
<td>Kyungchan Min¹, Chuangming Zheng¹, Young Joon Byun¹, Xuan-Mei Piao¹, Woo Suk Lee¹, Sung Min Moon¹, Ho Won Kang¹, Won Tae Kim¹, Yong-June Kim¹, Sang-Cheol Lee¹, Wun-Jae Kim¹,², Hansoo Park³, Seok-Joong Yun¹</td>
<td>¹Department of Urology, College of Medicine, Chungbuk National University, ²Department of Urology, Urotech Co, ³Department of Biomedical Science and Engineering, Gwangju Institute of Science and Technology</td>
</tr>
<tr>
<td>EP-005</td>
<td>Impact of 68Ga-PSMA PET/CT in the treatment of clinically high-risk prostate cancer</td>
<td>Jae Joon Park, Bumjin Lim, Jungyo Suh, Dalsan You, Cherlyn Song, Bumsik Hong, Jun Hyuk Hong, Hanjong Ahn, In Gab Jeong, Dongrul Shin</td>
<td>Department of Urology, Asan Medical Center, University of Ulsan College of Medicine</td>
</tr>
<tr>
<td>EP-006</td>
<td>Different urinary microbiomes lead to different responses to BCG treatment</td>
<td>Kyungchan Min¹, Zheng Chuangming¹, Young Joon Byun¹, Xuan-Mei Piao¹, Woo Suk Lee¹, Sung Min Moon¹, Ho Won Kang¹, Won Tae Kim¹, Yong-June Kim¹, Sang-Cheol Lee¹, Wun-Jae Kim¹,², Hansoo Park³, Seok-Joong Yun¹</td>
<td>¹Department of Urology, College of Medicine, Chungbuk National University, ²Department of Urology, Urotech Co, ³Department of Biomedical Science and Engineering, Gwangju Institute of Science and Technology</td>
</tr>
</tbody>
</table>
EP-007  Optimal sequencing of subsequent therapies in cabozantinib-resistant advanced clear cell renal cell carcinomas  
Jee Soo Park1,2, Gwangmo Shin1, Myung Eun Lee1, Min Hwa Chung1, Jongchan Kim1,3, Won Sik Jang1, Kyu Chul Koo4, Seung Hwan Lee1, Woong Kyu Han3, Won Sik Ham1  
1Department of Urology and Urological Science Institute, Yonsei University College of Medicine, 2Department of Capital Regional Centers for Disease Control and Prevention, Korea Disease Control and Prevention Agency, 3Department of Urology, Yongin Severance Hospital, Yonsei University Health System, 4Department of Urology, Gangnam Severance Hospital, Yonsei University College of Medicine

EP-008  Crosstalk between clear cell renal cell carcinomas and adipocytes promotes tumor growth and metastasis in orthotopic murine models  
Jee Soo Park1,2, Myung Eun Lee1, Min Hwa Chung1, Gwangmo Shin1, Jongchan Kim1,3, Won Sik Jang1, Kyu Chul Koo4, Seung Hwan Lee1, Woong Kyu Han3, Won Sik Ham1  
1Department of Urology and Urological Science Institute, Yonsei University College of Medicine, 2Department of Capital Regional Centers for Disease Control and Prevention, Korea Disease Control and Prevention Agency, 3Department of Urology, Yongin Severance Hospital, Yonsei University Health System, 4Department of Urology, Gangnam Severance Hospital, Yonsei University College of Medicine

EP-009  Automated microfluidic isolation of circulating tumor cells: implications for prostate cancer prognostication and age-related cellular profiles  
Hyunho Han1, Hyung Ho Lee2, Chi Lan Won3, Minseok Kim3, Hyun Young Shin4, Jae Young Jeong2  
1Department of Urology, Urological Science Institute, Yonsei University College of Medicine, Seoul, Korea, 2Department of Center for Prostate Cancer, National Cancer Center, Goyang, Korea, 3Department of Research and Development, CTCELLS Inc., Seoul, Korea, 4Department of New Biology, DGIST, Daegu, Korea

EP-010  Intrafemoral injection of luciferase tagged hormone sensitive prostate cancer cell lines to establish a bone metastatic prostate cancer animal model  
Jong Hyun Tae1, Hye Soo Park1, Sejung Maeng2, Joongwon Choi1, Se Young Choi1, Jung Hoon Kim1, In Ho Chang2, Sung Gu Kang2  
1Department of Urology, Chung-Ang University, 2Department of Urology, Korea University

EP-011  Development of a metastatic renal cell carcinoma mouse and biomimetic organ-on-a-chip model by renca-luc cell  
Joongwon Choi1, Sejung Maeng2, Mirinae Kim2, Hye Soo Park2, Jong Hyun Tae2, Se Young Choi2, Jung Hoon Kim2, Yong Seong Lee1, In Ho Chang2  
1Department of Urology, Department of Urology, Chung-Ang University Gwangmyeong Hospital, Chung-Ang University College of Medicine, Gwangmyeong, Korea, 2Department of Urology, Department of Urology, Chung-Ang University Hospital, Chung-Ang University College of Medicine, Seoul, Korea

EP-012  COL6A1 expression as a potential prognostic biomarker for risk stratification in t1hg bladder cancer: unveiling the aggressive nature of a distinct non-muscle invasive subtype  
Xuan-Mei Piao1, Young Joon Byun1, Chuangming Zheng1, Sung Min Moon1, Kyeong Kim1, Ho Won Kang1, Won Tae Kim1, Yong-June Kim1, Seok-Joong Lee1, Wun-Jae Kim1,2  
1Department of Urology, Chungbuk National University, 2Department of Urology, Urotech Co

EP-013  Investigation of metabolomic profiles of clear cell renal cell carcinomas  
Jee Soo Park1,2, Myung Eun Lee1, Gwangmo Shin1, Min Hwa Chung1, Jongchan Kim1,3, Won Sik Jang1, Kyu Chul Koo4, Seung Hwan Lee1, Haejin Yoon5, Woong Kyu Han1, Won Sik Ham1  
1Department of Urology and Urological Science Institute, Yonsei University College of Medicine, 2Department of Capital Regional Centers for Disease Control and Prevention, Korea Disease Control and Prevention Agency, 3Department of Urology, Yongin Severance Hospital, Yonsei University Health System, 4Department of Urology, Gangnam Severance Hospital, Yonsei University College of Medicine, 5Department of Biological Sciences, Ulsan National Institute of Science and Technology
<table>
<thead>
<tr>
<th>EP-014</th>
<th>Prediction of prostate cancer aggressiveness: SUVmax on PSMA PET/CT vs. PI-RADS score on MRI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jae joon Park, Bumjin Lim, Jungyo Suh, Dalsan You, Cheryn Song, Bumsik Hong, Jun Hyuk Hong, Hanjong Ahn, In Gab Jeong, Dongrul Shin</td>
<td></td>
</tr>
<tr>
<td>Department of Urology, Asan Medical Center, University of Ulsan College of Medicine</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>EP-015</th>
<th>Delineating molecular features associated with the BCG responsiveness and disease progression for bladder cancers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chang Eil Yoon¹, San Kang¹, Seung Ah Rhew¹, Hyeok Jae Kwon¹, Tae Min Kim², U-Syn Ha³</td>
<td></td>
</tr>
<tr>
<td>¹Department of Urology, Seoul St. Mary’s Hospital, College of Medicine, The Catholic University of Korea, ²Department of Medical Informatics, College of Medicine, The Catholic University of Korea</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>EP-016</th>
<th>Comparison of convolutional neural networks and vision transformers for surgical image segmentation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ji Won Kim, II In Park, Min Jung Kang, Sung Gon Park, Sung Tae Cho, Young Goo Lee, Sahyun Pak</td>
<td></td>
</tr>
<tr>
<td>Department of Urology, Kangnam Sacred Heart Hospital, Hallym University College of Medicine</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>EP-017</th>
<th>The relationship between the expression of PDL-1 and CTLA-4 and the histopathological grade as a prognostic marker in renal cell carcinoma</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marzuki Panji Wijaya, Indrawarman Soerohardjo, Danarto Danarto, Ahmad Zulfan Hendri</td>
<td></td>
</tr>
<tr>
<td>Department of Surgery, Urology Division, Faculty of Medicine, Public Health and Nursing, Universitas Gadjah Mada, Indonesia</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>EP-018</th>
<th>LncRNA AC092168.2 contributes to the development of bladder cancer via TMBIM6-Ca2+-dependent ferroptosis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gang Fan¹, Weiming Guo¹, Qingtian Luo¹, Jingfen Lu², Zhouke Tan¹</td>
<td></td>
</tr>
<tr>
<td>¹Department of Urology, Union Shenzhen Hospital, ²Department of Chinese Medicine, The First Clinical Medical College of Guangzhou University of Chinese Medicine</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>EP-019</th>
<th>Biological effect and therapeutic potential of amarogentin for the treatment of skin cancer and associated complications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kanika Patel, Dinesh Kumar Patel</td>
<td></td>
</tr>
<tr>
<td>Department of Department of Pharmaceutical Sciences, Sam Higginbottom University of Agriculture, Technology and Sciences, Payagraj</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>EP-020</th>
<th>Biological potential of magnolin for their effectiveness against ovarian cancer in medicine through scientific data analysis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dinesh Kumar Patel, Kanika Patel</td>
<td></td>
</tr>
<tr>
<td>Department of Faculty of Health Sciences, Sam Higginbottom University of Agriculture, Technology and Sciences</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>EP-021</th>
<th>Bardet-biedl ciliopathie : a diagnosis to consider in male infertility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nouha Bouayed Abdelmoula</td>
<td></td>
</tr>
<tr>
<td>Department of Genomics of Signalopathies At The Service of Precision Medicine Lr²³ ex²³, Medical University of Sfax, Tunisia</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>EP-022</th>
<th>The role of ER stress response in the 5α-reductase inhibitor protective effect against BPH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shang Weon Pak, Myung Ki Kim, Young Beom Jeong, Yu Seob Shin</td>
<td></td>
</tr>
<tr>
<td>Department of Urology, Jeonbuk National University Medical School</td>
<td></td>
</tr>
</tbody>
</table>

Withdrawal

Withdrawal
EP-023  Whole-exome sequencing analysis of idiopathic hypogonadotropic hypogonadism: comparison of varicocele and non-obstructive azoospermia
Guo Chen, Rui Qu, Yi Dai, Shengyin He, Yugao Liu, Luo Yang
Department of Department of Urology and Pelvic surgery, West China School of Public Health and West China Fourth Hospital, Sichuan University, Chengdu, Sichuan, China;

EP-024  Robotic excision of a large prostatic utricle cyst presenting as primary infertility and recurrent orchitis
Michelangelo Cobangbang, Nikko Magsanoc, Dennis Serrano
Department of Institute of Urology, St. Luke’s Medical Center Global City

EP-025  Anhidrotic ectodermal dysplasia and human infertility
Nouha Bouayed Abdelmoula
Department of Genomics of Signalopathies At The Service of Precision Medicine Lr23 es07, Medical University of Sfax, Tunisia

EP-026  Ninjin-1 inhibition alleviates bladder overactivity in cyclophosphamide-induced cystitis by restoration of bladder epithelial cell
Hyung Kyung Sung1, Kang Kyu Kim1, Yong Seung Lee1, Sang Won Han1, Sang Woon Kim1
1Department of Urology, Urological Science Institute, Yonsei University College of Medicine,
2Department of Urology, Cha University School of Medicine

EP-027  Radiofrequency hyperthermia attenuates activation of HMGB1/TLR4/NF-κB inflammatory axis in a chronic prostatitis/chronic pelvic pain syndrome rat model
Soomin Kim1,2, Jun Jie Piao1,2, San Kang1, Seung Ah Rhew1, Chang Eil Yoon1, Hyeok Jae Kwon1, Seokhwon Bang1, Hyong Woo Moon1, Hyuk Jin Cho1, U-Syn Ha1, Sung-Hoo Hong1, Ji Youl Lee1, Sae Woong Kim1,2, Woong Jin Bae1,2
1Department of Urology, College of Medicine, The Catholic University of Korea, Seoul, Korea, 2Department of Catholic Integrative Medicine Research Institute, College of Medicine, The Catholic University of Korea, Seoul, Korea

Dongho Shin1, Jin-Woo Jung1, Byung Il Yoon1, Woong Jin Bae2, Hyuk Jin Cho1, Sae Woong Kim2
1Department of Urology, College of Medicine, Catholic Kwandong University, Incheon, Korea, 2Department of Catholic Integrative Medicine Research Institute, College of Medicine, The Catholic University of Korea, Seoul, Korea

EP-029  Extracorporeal shock wave therapy combined with cannabidiol reduces prostatic inflammation by regulating TLR4-NFκB signaling pathway
Jun Jie Piao1,2, Soomin Kim1,2, Kyung-Hwa Jeon1, San Kang1, Seung Ah Rhew1, Chang Eil Yoon1, Hyeok Jae Kwon1, Seokhwon Bang1, Hyong Woo Moon1, Hyuk Jin Cho1, U-Syn Ha1, Sung-Hoo Hong1, Ji Youl Lee1, Sae Woong Kim1,2,3,4, Woong Jin Bae1,2
1Department of Urology, College of Medicine, The Catholic University of Korea, Seoul, Korea, 2Department of Catholic Integrative Medicine Research Institute, College of Medicine, The Catholic University of Korea, Seoul, Korea, 3Department of Pharmacy, Graduate School of Pharmaceutical Sciences, Ewha Womans University, Seoul, Korea, 4Department of Research, Green Medicine Co., Ltd, Busan, Korea

EP-030  Three cannabinoids reduce inflammation by regulation of the TLR4-NFκB and ERK1/2MAPK signaling pathways in experimental chronic prostatitis/chronic pelvic pain syndrome
Hyeok Jae Kwon1, Jun Jie Piao1,2, Soomin Kim1,2, Kyung-Hwa Jeon1, San Kang1, Seung Ah Rhew1, Chang Eil Yoon1, Seokhwon Bang1, Hyong Woo Moon1, Hyuk Jin Cho1, U-Syn Ha1, Sung-Hoo Hong1, Ji Youl Lee1, Sae Woong Kim1,2,3,4, Woong Jin Bae1,2
1Department of Urology, College of Medicine, The Catholic University of Korea, Seoul, Korea, 2Department of Catholic Integrative Medicine Research Institute, College of Medicine, The Catholic University of Korea, Seoul, Korea, 3Department of Pharmacy, Graduate School of Pharmaceutical Sciences, Ewha Womans University, Seoul, Korea, 4Department of Research, Green Medicine Co., Ltd, Busan, Korea
**EP-031**  Privacy-preserving multicenter statistics and logistic regression analysis based on homomorphic encryption  

Jungyo Suh\(^1\), Garam Lee\(^2\), Jung Woo Kim\(^2\), Junbum Shin\(^2\), Hyung-Chul Lee\(^3\), Yi-Jun Kim\(^4\), Tae Kyong Kim\(^5\), Sulgi Kim\(^6\), Sang-Wook Lee\(^6\)  

\(^1\) Department of Urology, Asan Medical Center, University of Ulsan College of Medicine, \(^2\) Department of Healthcare, Cryptolab Inc, \(^3\) Department of Anesthesiology and Pain Medicine, Seoul National University Hospital, Seoul National University College of Medicine, \(^4\) Department of Convergence Medicine, Ewha Womans University Mokdong Hospital, \(^5\) Department of Anesthesiology and Pain Medicine, SMG-SNU Boramae Medical Center, Seoul National University College of Medicine, \(^6\) Department of Anesthesiology and Pain Medicine, Asan Medical Center, University of Ulsan College of Medicine

**EP-032**  Biological importance and therapeutic potential of ginkgetin on kidney injury with their molecular mechanism  

Kanika Patel, Dinesh Kumar Patel  

Department of Department of Pharmaceutical Sciences, Sam Higginbottom University of Agriculture, Technology and Sciences

Withdrawal

**EP-033**  Unilateral extrarenal calyces with multiple congenital anomalies in an elderly male cadaver  

Dibakar Borthakur\(^1\), Rajesh Kumar\(^2\), Rima Dada\(^1\)  

\(^1\) Department of Anatomy, All India Institute of Medical Sciences, New Delhi, India, \(^2\) Department of Anatomy, All India Institute of Medical Sciences, Patna, India

**EP-034**  A rare case of unilateral accessory renal artery, absent middle suprarenal artery, arched testicular artery and double renal veins  

Dibakar Borthakur, Mohammed Ahmed Ansari, Neerja Rani, Monica Baxla  

Department of Anatomy, All India Institute of Medical Sciences, New Delhi, India

**EP-035**  Proper time of the first cystoscopy follow-up in non-muscle invasive bladder cancer  

Chung Beum Wee, Jong Hyun Tae, In Ho Chang, Tae-Hyoung Kim, Soon Chul Myung, Joongwon Choi, Jung Hoon Kim, Jin Wook Kim, Yong Seong Lee, Se Young Choi  

Department of Urology, Chung-Ang University

**EP-036**  Implications of narrow band imaging (NBI) on the pathological outcomes of second transurethral resection of bladder tumor (TUR-BT) and the rate of intravesical recurrence  

Kyung Hwan Kim\(^1\), Seung Hyeon Kim\(^1\), Kyoungha Jang\(^1\), Wooseop Seong\(^1\), Gwon Kyeong Lee\(^1\), Byeong Jin Kang\(^1\), Chan Ho Lee\(^3\), Ja Yoon Ku\(^2\), Hong Koo Ha\(^1\)  

\(^1\) Department of Urology, Pusan National University Hospital, School of Medicine, Pusan National University, \(^2\) Department of Urology, Dongnam Inst. of Radiological & Medical Sciences, \(^3\) Department of Urology, Inje University Busan Paik Hospital, Inje University College of Medicine

**EP-037**  The presence of carcinoma in situ lesions at second TUR-BT adversely affects the intravesical tumor recurrence in intermediate- and high-risk non-muscle invasive bladder cancer  

Kyung Hwan Kim\(^1\), Seung Hyeon Kim\(^1\), Kyoungha Jang\(^1\), Wooseop Seong\(^1\), Gwon Kyeong Lee\(^1\), Byeong Jin Kang\(^1\), Ja Yoon Ku\(^2\), Hong Koo Ha\(^1\)  

\(^1\) Department of Urology, Pusan National University Hospital, School of Medicine, Pusan National University, \(^2\) Department of Urology, Dongnam Inst. of Radiological & Medical Sciences

**EP-038**  Prostate invasion as the independent risk factor of BCG unresponsive in NMIBC  

Jooho Lee\(^1\), Seung-Hwan Jeong\(^1,2\), Jang Hee Han\(^1\), Hyeong Dong Yuk\(^1\), Chang Wook Jeong\(^1,2\), Cheol Kwak\(^1,2\), Ja Hyeon Ku\(^1,2\)  

\(^1\) Department of Urology, Seoul National University Hospital, Seoul, Korea, \(^2\) Department of Urology, Seoul National University College of Medicine, Seoul, Korea
EP-039  Multicenter analysis of advanced urothelial cancer patients treated with immunotherapy in real-world practice
JaYoon Ku1, Young Jun Seo2, Kyung Hwan Kim2, Hong Koo Ha2
1Department of Urology, Dongnam Institute of Radiological & Medical Sciences, 2Department of Urology, Pusan National University Hospital.

EP-040  Evaluation of histological variants of upper tract urothelial carcinoma as prognostic factor after radical nephroureterectomy
Byeongdo Song1, JuHyun Park1, Jun Hyun Nam1, Jung Kwon Kim1, Hakmin Lee1, Sangchul Lee1, Sung Kyu Hong1, Seok-Soo Byun1, Jong Jin Oh1
1Department of Urology, Seoul National University Bundang Hospital, 2Department of Urology, Seoul National University College of Medicine.

EP-041  The staging of Re-TUR is crucial in predicting the response to BCG therapy in patients with T1 high-grade bladder cancer
Seung-hwan Jeong1, Sang Won So1, Jang Hee Han1, Hyung Dong Yuk1, Chang Wook Jeong1, Cheol Kwak1, Ja Hyeon Ku1
1Department of Urology, Seoul National University Hospital, 2Department of Urology, Seoul National University College of Medicine.

EP-042  Segmental ureterectomy is feasible for distal ureter cancer compared with nephroureterectomy
Seung-hwan Jeong1, Hyo Myeong Lee1, Jang Hee Han1, Hyung Dong Yuk1, Chang Wook Jeong1, Cheol Kwak1, Ja Hyeon Ku1
1Department of Urology, Seoul National University Hospital, 2Department of Urology, Seoul National University College of Medicine.

EP-043  Application of ERAS in perioperative period of robot-assisted female radical cystectomy with total intraperitoneal urinary diversion
Yuwei Li
Department of urology, the first Affiliated Hospital of Army Medical University, Chongqing, China.

EP-044  Comparison of surgical outcomes between Robot-Assisted adrenalectomy and laparoscopic adrenalectomy for pheochromocytoma
Hye Soo Kim, Sang Won Park, Jae Hyung You, Yu Seob Shin, Myung Ki Kim, Young Beom Jeong
Department of Urology, Jeonbuk National University Medical School.

Guo Chen, Yue Zhao, Luo Yang
Department of Department of Urology and Pelvic surgery, West China School of Public Health and West China Fourth Hospital, Sichuan University, Chengdu, Sichuan, China.

EP-046  Oncologic outcomes of palliative cystectomy in patients with T4 bladder cancer
Department of Urology, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Korea.

EP-047  Perioperative serum albumin level is associated with postoperative short- and long-term renal function deterioration in patients who underwent radical cystectomy for bladder cancer
Byeongdo Song1, Jongho Park1, Hae sung Lee1, Jung Kwon Kim1, Hakmin Lee1, Sangchul Lee1, Sung Kyu Hong1, Seok-Soo Byun1, Jong Jin Oh1
1Department of Urology, Seoul National University Bundang Hospital, 2Department of Urology, Seoul National University College of Medicine.
EP-048  KEYNOTE-992: randomized phase 3 study of pembrolizumab plus chemoradiotherapy versus placebo plus chemoradiotherapy for muscle-invasive bladder cancer
Yasuhisa Fujii1, Shilpa Gupta2, Michiel Simon Van der Heijden3, Andrew James Weickhardt4, Nicholas D. James5, Shahrokh F. Shariat6, Jeff M. Michalski7, Kentaro Imai8, Xiao Fang8, Ekta Kapadia8, Neal D. Shore9
1 Department of Urology, Tokyo Medical and Dental University, Tokyo, Japan, 2 Department of Hematology and Medical Oncology, Cleveland Clinic Taussig Cancer Center, Cleveland, OH, USA, 3 Department of Medical Oncology, The Netherlands Cancer Institute, Amsterdam, Netherlands, 4 Department of Medical Oncology, Olivia Newton-John Cancer Wellness & Research Centre, Heidelberg, VIC, Australia, 5 Department of Urology, Institute of Cancer Research, The Royal Marsden Hospital NHS Foundation Trust, London, United Kingdom, 6 Department of Urology, Medical University of Vienna, Vienna, Austria, 7 Department of Radiation Oncology, Washington University School of Medicine in St. Louis, St. Louis, MO, USA, 8 Department of Clinical Research, Merck & Co., Inc., Rahway, NJ, USA, 9 Department of Urology, Carolina Urologic Research Center, Myrtle Beach, SC, USA

EP-049  Perioperative nursing characteristics of intracorporeal ileal conduit and extracorporeal ileal conduit after robot-assisted radical cystectomy
Xuemei Li, Zhenyan Li, Yuwei Li
Department of Urology, The first Affiliated Hospital of Army Medical University, Chongqing, China

EP-050  Exploration of the difference in gut microbiome composition between high-grade Ta and T1 bladder cancer
Jee Soo Park1,2, Jongchan Kim1,3, Won Sik Jang1, Kang Su Cho4, Kyo Chul Koo4, Jongsoo Lee1, Seung Hwan Lee1, Woong Kyu Han1, Won Sik Ham1
1 Department of Urology and Urological Science Institute, Yonsei University College of Medicine, 2 Department of Capital Regional Centers for Disease Control and Prevention, Korea Disease Control and Prevention Agency, 3 Department of Urology, Yongin Severance Hospital, Yonsei University Health System, 4 Department of Urology, Gangnam Severance Hospital, Yonsei University College of Medicine

EP-051  Preoperative C-reactive protein to albumin ratio as a novel prognostic biomarker for the oncological outcomes of radical nephroureterectomy
Chan Hoon Gwak, Bumjin Lim, Cheryn Song, Dalsan You, In Gab Jeong, Jun Hyuk Hong, Bumsik Hong, Hangjong Ahn, Jungyo Suh
Department of Urology, Asan Medical Center, Ulsan University College of Medicine, Seoul, South Korea

EP-052  Metastatic testicular cancer: a midline extraperitoneal approach for retroperitoneal lymph node dissection
Ashan Canagasingham1, James Kovacic1, Venu Chalasani2
1 Department of Urology, Department of Urology, Royal North Shore Hospital, St Leonards, New South Wales, Australia North Shore Urology Research Group, Royal North Shore Hospital, St Leonards, New South Wales, Australia, 2 Department of Post Graduate Research, University of Sydney, Sydney, New South Wales, Australia

EP-053  A rare case of epididymal cholesterol granuloma resembling a testicular tumor
Lasha Gachechiladze1, David Nikoleishvili2, Givi Kobiridze3, Nikoloz Kvaratskhelia3, Teimuraz Anikashvili1, Ketie Tsomaia2, Mikheil Jangavadze2
1 Department of Urology, American Hospital Tbilisi, Georgia, 2 Department of Morphology, Ivane Javakhishvili Tbilisi State University Alexandre Natishvili Institute of Morphology

EP-054  Surgical skills exploration of totally intracorporeal robot-assisted orthotopic ileal neobladder
Hai Bi1, Lulin Ma2, Cheng Liu1
1 Department of Urology, Shanghai General Hospital, 2 Department of Urology, Peking University Third Hospital

EP-055  Government funding of FDG-PET imaging in rare urological cancers- better access, better data, better outcomes
Jennifer Xu1, Haidar Al Saffar2, Jonathan O’brien2, Brian Kelly3, Nathan Lawrentschuk2
1 Department of Urology, Royal Melbourne Hospital, 2 Department of Urology, Peter MacCallum Cancer Centre
EP-056 Rare coexistence of ureteral tumour and calculus in a blind-ending ureter with severe hydronephrosis: a case report
Abdullahi Khalid1,3, Umar Mohammed2, Quadri Adejare Kareem1, Aminu Abdullahi4, Abdullah Abdulwahab-Ahmed1
1Department of Surgery, TETFUND Centre of Excellence in Urology and Nephrology, Institute of Urology and Nephrology, Usman Danfodiyo University and Teaching Hospital, Sokoto, Nigeria., 2Department of Morbid Anatomy and Forensic Medicine, Usman Danfodiyo University and Teaching Hospital, Sokoto, Nigeria., 3Department of Surgery, Ahmad Sani Yarima Bakura Specialist Hospital, Gusau, Nigeria., 4Department of Radiology, Ahmad Sani Yarima Bakura Specialist Hospital, Gusau, Nigeria.

EP-057 Laparoscopic unroofing deferens duct cyst: an initial experience case report
Rahendra Wijaya Jonni, Irfan Wahyudi
Department of Urology, Faculty of Medicine, Universitas Indonesia, Jakarta, Indonesia

EP-058 Bladder leiomyoma case report and literature review
Truc Phan Do Thanh, Han To Quoc, Truc Le Trung, Bao Tran Doan Thien, Ky Nguyen Gia, Toan Nguyen Xuan
Department of Urology, Nhan Dan Gia Dinh Hospital, Ho Chi Minh City, Vietnam

EP-059 Paraganglioma of urinary bladder case report and literature review
Bao Tran Doan Thien, Toan Nguyen Xuan, Truc Phan Do Thanh, Truc Le Trung, Ky Nguyen Gia
Department of Urology, Nhan Dan Gia Dinh Hospital, Ho Chi Minh City, Vietnam

EP-060 Primary testicular diffuse large B-cell lymphoma: a case report
Teimuraz Anikashvili1, David Nikoleishvili1, Givi Koberidze1, Lasha Gachechiladze1, Nikoloz Kvaratskhelia1, Ketie Tsomaia2, Mikhel Jangavadze2
1Department of Urology, American Hospital Tbilisi, 2Department of Morphology, Ivane Javakhishvili Tbilisi State University Alexandre Natishvili Institute of Morphology

EP-061 Biological potential of alloimperatorin in cervical cancer cells and its molecular mechanism in the medicine
Dinesh Kumar Patel, Kanika Patel
Department of Faculty of Health Sciences, Sam Higginbottom University of Agriculture, Technology and Sciences

EP-062 What is the clinical implication of Complexity score in the era of Robotic partial nephrectomy?
Comprehensive analysis peri-operative, oncological, functional, and quality of life outcomes
Jang Hee Han, Dae Hyuk Chung, Sanghun Han, Seung-Hwan Jeong, Hyeong Dong Yuk, Ja Hyeon Ku, Chang Wook Jeong, Cheol Kwak
Department of Urology, Seoul National University Hospital

EP-063 Safety of Hypoxic Preconditioned Allogeneic Bone Marrow-Derived Mesenchymal Stem Cells in Acute Kidney Injury. An Open-Label Phase 1 Clinical Trial
Dalsan You1, Myoung Jin Jang2, Joomin Aum1, Yu Seon Kim1, Ha Chul Shin3, Nayoung Suh4,5, Choung Soo Kim6
1Department of Urology, Asan Medical Institute of Convergence Science and Technology, Asan Medical Center, University of Ulsan College of Medicine, Seoul, 2Department of NA, Asan Institute for Life Sciences, Asan Medical Center, Seoul, 3Department of NA, Pharmicell Co. Ltd., Seongnam, 4Department of Pharmaceutical Engineering, College of Medical Sciences, Soon Chun Hyang University, Asan, 5Department of Medical Sciences, General Graduate School, Soon Chun Hyang University, Asan, 6Department of Urology, Ewha Womans University Mokdong Hospital, Seoul

EP-064 Comparison of outcomes between radical nephrectomy and partial nephrectomy in cT2 renal cell carcinoma: a KORCC registry analysis
Younsoo Chung, Hae Seong Lee, Seok-soo Byun, Sung Kyu Hong, Sang Chul Lee, Jung Kwon Kim
Department of Urology, SNUBH
EP-065  Genetic association between perirenal adipose tissue and clear cell renal cell carcinoma
Jee Soo Park1,2, Jongsoo Lee1, Jongchan Kim1,2, Won Sik Jang1, Kyo Chul Koo1, Kang Su Cho4,
Kwang Suk Lee8, Seung Hwan Lee1, Woong Kyu Han1, Won Sik Ham1
1Department of Urology and Urological Science Institute, Yonsei University College of Medicine, 2Department of Capital
Regional Centers For Disease Control and Prevention, Korea Disease Control and Prevention Agency, 3Department of
Urology, Yongin Severance Hospital, Yonsei University Health System, 4Department of Urology, Gangnam Severance
Hospital, Yonsei University College of Medicine

EP-066  Surgical outcome after partial nephrectomy for solitary kidney: evaluation from the KORCC
database
Sang Hun Song, Junhyun Nam, Byeongdo Song, Hakmin Lee, Sangchul Lee, Sung Kyu Hong,
Seok-Soon Byun, Jung Kwon Kim
Department of Urology, Seoul National University Bundang Hospital

EP-067  Risk factor and oncological outcomes in patients undergoing radical nephrectomy and vena cava
thrombectomy for renal cell carcinoma with venous extension: a single-center experience
Younjuong Kim, Jungyo Suh, Bumjin Lim, Cheryn Song, Dalsan You, In Gab Jeong, Jun Hyuk Hong,
Hanjong Ahn, Bumsik Hong
Department of Urology, Asan Medical Center, Ulsan University College of Medicine, Seoul, South Korea

EP-068  Renoprotective effect of PDE5i in a partially nephrectomized rat model
Min Ji Jeon2, Eun Hye Lee2, So Young Chun2, Seung Myeong Oh3, Jin Hyuk Lee1, Sang Hyun Seo3,
Jeong Seok Oh1, Jun-Koo Kang2, Yun-Sok Ha1, Seok Hwan Choi1, Jun Nyung Lee3, Bum Soo Kim1,
Hyun Tae Kim1, Tae-Hwan Kim1, Eun Sang Yoo1, Tae Gyun Kwon1, Jae-Wook Chung1
1Department of Urology, School of Medicine, Kyungpook National University Medical Center, Daegu, Korea, 2Department
of Joint Institute for Regenerative Medicine, Kyungpook National University, Daegu, South Korea, 3Department of School of
Medicine, Kyungpook National University, Daegu, Korea

EP-069  Predictive factors for decrease in renal function in the operated kidney after robot assisted
laparoscopic partial nephrectomy using 99mTc-DTPA renal scan, long term follow-up data
Michael Jakun Koo, Jae Hoon Chung, Wan Sone, Minyong Kang, Hyun Hwan Sung, Hwang Gyun Jeon,
Byoung Chang Jeong, Seong Soo Jeon, Hyun Moo Lee, Seong IL Seo
Department of Urology, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Korea

EP-070  Perioperative serum uric acid level as predictor of postoperative progression of renal function
after robot-assisted partial nephrectomy for localized RCC
Byeongdo Song1, Hyunjun Park1, Hae sung Lee1, Hakmin Lee1,2, Jong Jin Oh1,2, Sangchul Lee1,2,
Sung Kyu Hong1,2, Seok-Soon Byun1,2, Jung Kwon Kim1,2
1Department of Urology, Seoul National University Bundang Hospital, 2Department of Urology, Seoul National University
College of Medicine

EP-071  Association between hypertension and renal cell carcinoma: the KORCC registry analysis
Yoonsoo Chung, Jin Roh, Jung Kwon Kim, Seok-soo Byun, Sung Kyu Hong, Sang Chul Lee
Department of urology, Seoul National University Bundang Hospital

EP-072  Serum albumin level as predictor for short- and long-term renal functional deterioration in
patients who underwent partial nephrectomy
Byeongdo Song1, Jongho Park1, Jun hyun Nam1, Hakmin Lee1, Jong Jin Oh1,2, Sangchul Lee1,2,
Sung Kyu Hong1,2, Seok-Soon Byun1,2, Jung Kwon Kim1,2
1Department of Urology, Seoul National University Bundang Hospital, 2Department of Urology, Seoul National University
College of Medicine
EP-073 Clinical case of a young female with sporadic epithelioid angiomyolipoma successfully managed with laparoscopic partial nephrectomy
Nikolozi Kvaratskhelia1, David Nikoleishvili1, Givi Koberidze1, Ketie Tsomaia2, Mikelis Jangavadze2, Lasha Gachechiladze1, Teimuraz Anikashvili1
1Department of Urology, American Hospital Tbilisi, Georgia, 2Department of Department of Morphology, Ivane Javakhishvili Tbilisi State University Alexandre Natishvili Institute of Morphology, Georgia

EP-074 Clinical utility of perilesional sampling in MR-fusion targeted prostate biopsy: Based on MRI-pathology image cross-matching
Jang Hee Han1, Ji Yeon Ko2, Taek Min Kim2, Sang Youn Kim2, Jeong Yeon Cho2, Kyung Chul Moon3, Cheol Kwak1, Chang Wook Jeong2
1Department of Urology, Seoul National University Hospital, 2Department of Radiology, Seoul National University Hospital, 3Department of Pathology, Seoul National University Hospital

EP-075 Use of PI-RADS 2.1 to predict capsular invasion in patients with radiologic T3a prostate cancer
Jae Kyung Lee, Wan Song, Minyong Kang, Hyun Hwan Sung, Hwang Gyun Jeon, Byong Chang Jeong, Seong Il Seo, Seong Soo Jeon, Hyun Moo Lee, Jae Hoon Chung
Department of Urology, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Korea

EP-076 The early perioperative and continence outcome of extraperitoneal SP RARP vs. transperitoneal multiport RARP: a propensity matching analysis
Ko Young Hwii, Lee Rim, Ha Jong Gyun, Jang Jae Yoon, Kim Young Uk
Department of Urology, Yeungnam University College of Medicine, Daegu, Korea

EP-077 Extraperitoneal single-port robot-assisted radical prostatectomy: short term outcomes and technique description
Hyeok Jae Kwon1, San Kang1, Seung Ah Rhew1, Chang Eil Yoon1, Dongho Shin2, Seokhwan Bang1, Hyoun Woo Moon1, Woong Jin Bae1, Hyuk Jin Cho1, U-Syn Ha1, Ji Youl Lee1, Sae Woong Kim1, Sung Hoo Hong1
1Department of Urology, Seoul St. Mary’s Hospital, College of Medicine, The Catholic University of Korea, Seoul, Korea, 2Department of Urology, College of Medicine, Catholic Kwandong University, Incheon, Korea

EP-078 5-years’ experience of transperineal approach MRI/TRUS software fusion biopsy: Safety and efficacy
Won Hoon Song, Se Yi Yoo, Youn Ha Lee, Jae Yeon Kim, Dan Bi Lee, Seung Soo Lee, Jong Kil Nam, Sung Woo Park
Department of Urology, Pusan National University Yangsan Hospital

EP-079 Determination of personalized MRI/TRUS software fusion biopsy method according to the location of region of interest through 3-dimensional analysis of multiparametric MRI
Won Hoon Song, Se Yi Yoo, Youn Ha Lee, Jae Yeon Kim, Dan Bee Lee, Seung Soo Lee, Jong Kil Nam, Sung Woo Park
Department of Urology, Pusan National University Yangsan Hospital

EP-080 Prostate health index test is useful for cancer detection in MRI fusion prostate biopsy
Seung-hwan Jeong1,2, Tae In Lee3, Jang Hee Han1,2, Hyung Dong Yuk1,2, Chang Wook Jeong1,2, Ja Hyeon Ku1,2, Cheol Kwak1,2
1Department of Urology, Seoul National University Hospital, 2Department of Urology, Seoul National University College of Medicine
EP-081  Are “PI-RADS and PSA” sufficient to determine whether or not to undergo a prostate biopsy? : single-center prospective cohort study
Gwon Kyeong Lee1, Seung Hyeon Kim1, Kyoung Ha Jang1, Woo Seop Seong1, Byeong Jin Kang1,2, Kyung Hwan Kim1,2, Hong Koo Ha1,2
1Department of Urology, Pusan National University Hospital, 2Department of Urology, School of Medicine, Pusan National University

EP-082  Robot-assisted versus Open Radical Prostatectomy for the Treatment of Localized Prostate Cancer: Results from a Prospective Cohort Study
Chang Wook Jeong1, Sang Hyeong Jo2, Jang Hee Han1, Seung Hwan Jeong1, Hyeong Dong Yuk1, Ja Hyeon Park1, Hyeon Hoe Kim1,2, Cheol Kwak1
1Department of Urology, Seoul National University Hospital, 2Department of Urology, Myongji Hospital

EP-083  Follow up data of active surveillance for prostate cancer
Seongik Choi, Jae Hoon Chung, Wan Song, Minyong Kang, Hyun Hwan Sung, Hwang Gyun Jeon, Byong Chang Jeong, Seong Soo Jeon, Hyun Moo Lee, Seong IL Seo
Department of Urology, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Korea

EP-084  Disconcordance of systemic biopsy to MRI-guided core biopsy and radical prostatectomy pathology for Gleason grade (GG) 1-2 lesions : analysis for GG upgrade at radical prostatectomy
Sang Hun Song, Jin Noh, Byeongdo Song, Jung Kwon Kim, Hakmin Lee, Jong Jin Oh, Sangchul Lee, Seong Jin Jeong, Seok-soo Byun, Sung Kyu Hong
Department of Urology, Seoul National University Bundang Hospital

EP-085  Comparison of PSMA Scan with Conventional Imaging for Biochemical Recurrence Evaluation in Intermediate and High-Risk Prostate Cancer after surgical intervention
Younsoo Chung, Hyeon Jun Park, Seok-soo Byun, Sung Kyu Hong, Sang Chul Lee, Hak Min Lee
Department of urology, Seoul National University Bundang Hospital

EP-086  Exploring the Influence of Primary Local Treatment on Metastasis-Free Survival in Prostate Cancer Patients with Clinically Detected Pelvic Lymph Node-Metastasis
Dan Bee Lee1,2, Yoon Ha Lee1,2, Won Hoon Song1,2, Jong Kil Nam1,2, Sung-Woo Park1,2
1Department of Urology, Pusan National University School of Medicine, 2Department of Urology, Pusan National University Yangsan Hospital

EP-087  Low vitamin D level as the risk factor of adverse pathology of prostate cancer in radical prostatectomy specimen
Joo Ho Lee1, Jung Hoon Lee2, Min Soo Choo1, Min Chul Cho1, HwanCheol Son1, Hyeon Jeong2, Sangjun Yoo2
1Department of Urology, Seoul National University Hospital, Seoul, Korea, 2Department of Urology, Seoul National University Boramae Medical Center, Seoul, Korea

EP-088  The Prevalence of Dyslipidemia in Patients with Prostate Cancer
Huimo Gu1, Do Gyeong Lim1, Seong Hyeon Yu1, Ho Seok Chung1, Eu Chang Hwang1, Kyung Jin Oh2, Sun-Ouck Kim1,2, Taek Won Kang1,2, Dongdeuk Kwon1, Kwangsung Park1,2, Seung Il Jung1,2
1Department of Urology, Chonnam National University Medical School, Chonnam National University Hospital, Hwasun, Korea, 2Department of Urology, Chonnam National University Medical School, Chonnam National University Hospital, Gwangju, Korea

EP-089  Association between prostate cancer detection rate and year of prostate biopsy
Young Jun Uhm1, Woojin Bang1, Myungsun Shim1, Cheol Young Oh1, Sun Il Kim2, Hwanik Kim1, Jin Seon Cho1
1Department of Urology, Hallym University Sacred Heart Hospital, Hallym University College of Medicine, Anyang, Korea., 2Department of Urology, Ajou University Hospital, Ajou University School of Medicine, Suwon, Korea
EP-090  Impact of time from diagnosis to surgery on Oncological Outcomes in High-Risk Prostate Cancer: A Retrospective Cohort Study
Jae joon Park, Bumjin Lim, Jungyo Suh, Dalsan You, Cheryn Song, Bumsik Hong, Jun Hyuk Hong, Hanjong Ahn, In Gab Jeong, Jae Yeol Choe
Department of Urology, Asan Medical Center, University of Ulsan College of Medicine

EP-091  Role of lymphatic invasion in predicting biochemical recurrence after radical prostatectomy
Dae Hyuk Chung, Jang Hee Han, Seung Hwan Jeong, Hyewong Dong Yik, Chang Wook Jeong, Ja Hyeon Ku, Cheol Kwak
Department of Urology, Seoul National University Hospital, Seoul, Korea

EP-092  The learning curve of MRI targeted prostate biopsy is different according to PI-RADS: Lesson learnt from experience of over 1,000 cases
Seung Woo Jeong, Kwang Suk Lee, Hyunho Han, Won Sik Ham, Woong Kyu Han, Jang Hwan Kim, Young Deuk Choi, Jongsoo Lee
Department of Urology, Urological Science Institute, Yonsei University College of Medicine

Duc-Minh Pham1,2, Xuan Thai Ngo1,2, Quy Thuan Chau1, Minh Sam Thai1,2
1Department of Urology, Cho Ray Hospital, 2Department of Urology, University of Medicine and Pharmacy At Ho Chi Minh City

EP-094  Immunological markers as predictors of unfavourable pathomorphological characteristics, an upgrading, upstaging and risk group increase in prostate cancer patients after radical prostatectomy
Sergei Reva, Alexander Arnautov, Sergei Petrov
Department of Urology, Pavlov First State Saint-Petersburg Medical University

EP-095  The hood technique for extra peritoneal laparoscopic radical prostatectomy in the treatment of prostate cancer: the first 7 cases in binh dan hospital
Vinh Trang Vo Anh1,2, Toan Tran Do Huu1, Phat Pham Phu1, Sang Nguyen Dai Thanh1, Huyen Vo Thi Thanh1, Tri Duong Cao1, Hai Duong Phuc1,2, Phuong Do Vu1, Chuyen Vu Le1,2
1Department of Urology A, Binh Dan Hospital, 2Department of Faculty of Medicine, Pham Ngoc Thach University of Medicine, 3Department of Urology A, Tam Anh Hospital

EP-096  A current review of primary cancer treatment for Metastatic Hormone Sensitive Prostate Cancer
Kylie Lim1,2, Matthew Alberto3, Weranja Ranasinghe1,2,4
1Department of Urology, Monash Health, 2Department of Surgery, Monash University, 3Department of Urology, Austin Health, 4Department of Anatomy and Developmental Biology, Monash University

EP-097  Outcome of open radical retroperitoneal prostatectomy (RRP) in the era of robotic surgery
Robin Joshi
Department of Urology/urooncology, Nepal Cancer Hospital

EP-098  The comparative study of outcomes associated with Robot-assisted and open radical prostatectomy in high-risk prostate cancer
Duc-Minh Pham1,2, Xuan Thai Ngo1,2, Quy Thuan Chau1, Minh Sam Thai1,2
1Department of Urology, Cho Ray Hospital, 2Department of Urology, University of Medicine and Pharmacy At Ho Chi Minh City
<table>
<thead>
<tr>
<th>EP-099</th>
<th>A current review of selection criteria for primary treatment for Metastatic Hormone Sensitive Prostate Cancer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kylie Lim1,2, Matthew Alberto2, Weranja Ranasinghe1,3,4</td>
<td></td>
</tr>
<tr>
<td>1 Department of Urology, Monash Health, 2 Department of Surgery, Monash University, 3 Department of Urology, Austin Health, 4 Department of Anatomy and Developmental Biology, Monash University</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>EP-100</th>
<th>Biological effectiveness of isolinderalactone for their antitumor activities in human ovarian cancer with their underline molecular mechanism</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kanika Patel, Dinesh Kumar Patel</td>
<td></td>
</tr>
<tr>
<td>Department of Department of Pharmaceutical Sciences, Sam Higgenbottom University of Agriculture, Technology and Sciences</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>EP-101</th>
<th>Guidelines for patients with prostate cancer who wish to undergo a kidney transplant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Matthew Whang</td>
<td></td>
</tr>
<tr>
<td>Department of Urology, Cooperman Barnabas Medical Center</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>EP-102</th>
<th>Effect of mirabegron on medical expulsive therapy in ureter stone patients: an updated systematic review and meta-analysis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dae Young Jun1, Jun Seok Sohn2, Jae Yong Jeong3, Young Joon Moon4, Dong Hyuk Kang5, Hae Do Jung6, Joo Yong Lee1</td>
<td></td>
</tr>
<tr>
<td>1 Department of Urology, Severance Hospital, Urological Science Institute, Yonsei University College of Medicine, Seoul, Korea, 2 Department of Urology, Yonsei University College of Medicine, Seoul, Korea, 3 Department of Urology, National Health Insurance Service Ilsan Hospital, Goyang, Korea, 4 Department of Urology, Kyungpook National University Hospital, Daegu, Korea, 5 Department of Urology, Inha University College of Medicine, Incheon, Korea, 6 Department of Urology, Inje University Ilsan Paik Hospital, Inje University College of Medicine, Goyang, Korea</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>EP-103</th>
<th>The first 400 cases of endoscopic-combined intrarenal surgery in Korea: Factors for postoperative successful outcomes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dae Young Jun1, Jun Seok Sohn2, Jae Yong Jeong3, Young Joon Moon4, Dong Hyuk Kang5, Hae Do Jung6, Joo Yong Lee1</td>
<td></td>
</tr>
<tr>
<td>1 Department of Urology, Severance Hospital, Urological Science Institute, Yonsei University College of Medicine, Seoul, Korea, 2 Department of Medicine, Yonsei University College of Medicine, Seoul, Korea, 3 Department of Urology, National Health Insurance Service Ilsan Hospital, Goyang, Korea, 4 Department of Urology, Kyungpook National University Hospital, Daegu, Korea, 5 Department of Urology, Inha University College of Medicine, Incheon, Korea, 6 Department of Urology, Inje University Ilsan Paik Hospital, Inje University College of Medicine, Goyang, Korea</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>EP-104</th>
<th>Spectrum of GRHPR gene mutations and clinical characteristics in Chinese patients with primary hyperoxaluria type 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yukun Liu, Yucheng Ge, Ruichao Zhan, Zhengjiang Zhao, Wenying Wang</td>
<td></td>
</tr>
<tr>
<td>Department of Urology, Beijing Friendship Hospital, Capital Medical University</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>EP-105</th>
<th>CUSUM analysis of the learning curve for retrograde intrarenal stone surgery in newbie surgeons</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ho Young Koo1, Jung Wan Yoo2, Min Sung Song1, Yeon Jo Kim2, Hoon Choi3, Byung Jo Jeon1, Hyun Kyung Chang1, Jae Young Park1, Jae Hyun Bae1, Bum Sik Tae1</td>
<td></td>
</tr>
<tr>
<td>1 Department of Urology, Korea University Ansan Hospital, 2 Department of Urology, Daegu Fatima Hospital, Daegu</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Sangyong Park, Heesub Lee, Wonjong Yang, Hyosang Kwon, Jong Keun Kim, Jun Hyun Han</td>
<td></td>
</tr>
<tr>
<td>Department of Urology, Hallym University Dongtan Sacred Heart Hospital, Korea</td>
<td></td>
</tr>
</tbody>
</table>
EP-107 Improving outcomes of same-sitting bilateral flexible ureteroscopy for renal stones in real-world practice—lessons learnt from global multicenter experience of 1250 patients
Bekhruz Alisherov1, Aziza Tavakkalova1, Dilmurod Yunusov2, Azimjon Tursunkulov2
1Department of Medical School, Central Asian University, 2Department of Urology, Akfa Medline

EP-108 Comparison of perioperative outcomes between robot-assisted adrenalectomy and laparoscopic adrenalectomy: a propensity score matching analysis
Department of Urology, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Korea

EP-109 A machine learning-based radiomics model for the prediction of uric acid urolithiasis: A multicenter study
Jun-Koo Kang1, Jae Hoon Kang1, Sang Hee Lee1, Young Joon Moon1, Jae-Wook Chung1, Yun-Sok Ha1, Seok-Hwan Choi1, Jun Nyung Lee1, Hyun Tae Kim1, Tae-Hwan Kim1, Eun Sang Yoo1, Tae Gyun Kwon1, Bong-Ill Song1, Wonho Jung1, Bum Soo Kim1
1Department of Urology, School of Medicine, Kyungpook National University, Daegu, South Korea, 2Department of Nuclear Medicine, Keimyung University Dongsan Hospital, Keimyung University School of Medicine, Daegu, South Korea, 3Department of Urology, Keimyung University Dongsan Hospital, Keimyung University School of Medicine, Daegu, South Korea

EP-110 Clinical outcome of ECIRS compared to PCNL: an updated and revised systematic review and meta-analysis
Dae Young Jun1, Jun Seok Sohn2, Jae Yong Jeong3, Young Joon Moon4, Dong Hyuk Kang5, Hae Do Jung6, Joo Yong Lee1
1Department of Urology, Severance Hospital, Urological Science Institute, Yonsei University College of Medicine, Seoul, Korea, 2Department of Medicine, Yonsei University College of Medicine, Seoul, Korea, 3Department of Urology, National Health Insurance Service Ilsan Hospital, Goyang, Korea, 4Department of Urology, Kyungpook National University Hospital, Daegu, Korea, 5Department of Urology, Inha University College of Medicine, Incheon, Korea, 6Department of Urology, Inje University Ilsan Paik Hospital, Inje University College of Medicine, Goyang, Korea

EP-111 Predictive factors of Steinstrasse following shock wave lithotripsy for ureteral calculi: a matched cohort analyses from 2,456 cases
Dae Young Jun1, Jun Seok Sohn2, Jae Yong Jeong3, Young Joon Moon4, Dong Hyuk Kang5, Hae Do Jung6, Joo Yong Lee1
1Department of Urology, Severance Hospital, Urological Science Institute, Yonsei University College of Medicine, Seoul, Korea, 2Department of Medicine, Yonsei University College of Medicine, Seoul, Korea, 3Department of Urology, National Health Insurance Service Ilsan Hospital, Goyang, Korea, 4Department of Urology, Kyungpook National University Hospital, Daegu, Korea, 5Department of Urology, Inha University College of Medicine, Incheon, Korea, 6Department of Urology, Inje University Ilsan Paik Hospital, Inje University College of Medicine, Goyang, Korea

EP-112 The comparison of totally ultrasound-guided versus fluoroscopy-guided shockwave lithotripsy in renal stone treatment: a systematic review and meta-analysis
Retta Catherina Sihotang, Nur Rasyid
Department of Urology, Faculty of Medicine, Universitas Indonesia – Dr. Cipto Mangunkusumo General Hospital, Jakarta, Indonesia

EP-113 Robot-assisted salvage ureteroplasty with buccal mucosa in single center initial experience
Ye Chan Joo, Ji Eun Yu, Jae Hyun Baik, Young Seop Chang, Jin Bum Kim, Hyung Joon Kim, Dong Hoon Koh, Hong Wook Kim
Department of Urology, Konyang University College of Medicine

Withdrawal
EP-114  A prospective observational study on the effectiveness of a smartphone application for prevention of neglected ureteral stents  
Juan Emmanuel Montana, Rufino Agudera, Rajiv Kalbit  
Department of Urology, Jose R. Reyes Memorial Medical Center

EP-115  The structure of the lumbar vertebrae is an independent parameter that affects the success of shock wave lithotripsy in upper ureteral stones  
Seung Woo Yang1, 3, Ki Hak Song1, Jae Sung Lim1, Ju Hyun Shin1, Ji Yong Lee1, Chung Lyul Lee1, Jae Geun Lee1, Hyun Seok Na1, Yong Gil Na1, Jong Mok Park2, Khae Hwan Kim2, Geon Gil1, Dae Gi Jo4  
1Department of Urology, Chungnam National University Hospital, Chungnam National University College of Medicine, Daejeon, Korea, 3Department of Urology, Chungnam National University Sejong Hospital, Chungnam National University College of Medicine, Sejong, Korea, 2Department of Urology, U - Well Urology Clinic, Daejeon, Korea, 4Department of Urology, U - Well Urology Clinic, Sejong, Korea

Truc Phan Do Thanh, Truc Le Trung, Toan Nguyen Xuan, Thanh Nguyen Cong, Bao Tran Doan Thien, Kyoung Nguyen Gi  
Department of Urology, Nhan Dan Gia Dinh Hospital, Ho Chi Minh City, Vietnam

EP-117  A novel safe and reliable ureteral stent exchange method in struggle condition  
Jaegeun Lee1, Ji Yong Lee1, Seung Woo Yang1, Ju Hyun Shin1, Jae Sung Lim1, Jong Mok Park2, Khae Hwan Kim2, Yong Gil Na1, Ki Hak Song1  
1Department of Urology, Chungnam National University Hospital, Chungnam National University College of Medicine, Daejeon, Korea, 2Department of Urology, Chungnam National University Sejong Hospital, Chungnam National University College of Medicine, Sejong, Korea

EP-118  Management of forgotten double J stents: an single center experience of 30 cases from central India  
Devashish Kaushal, Viswas M R  
Department of Urology, All India Institute of Medical Sciences Bhopal India

EP-119  The role of mini and ultra mini percutaneous nephrolithotripsy of urolithiasis in the pediatric population  
Murodjon Abdullajanov1, 2, Yusuf Akhmedov1, Oybek Davronov2, Bahodir Hamraev2  
1Department of Urology, Akfa Medline Clinic, 2Department of Pediatric Surgery, Samarqand Medical University of Uzbekistan

EP-120  Mini percutaneous nephrolithotripsy completely under ultrasound guidance for complex kidney stone, choice of access, and surgical strategy  
Hoang Nguyen Huy, Thanh Do Truong, Long Hoang  
Department of Urology Department, Vietduc University Hospital

EP-121  A wireless high-definition endoscopic system  
Di Niu, Cheng Yang, Chao-Zhao Liang  
Department of Urology, The First Affiliated Hospital of Anhui Medical University

Murodjon Abdullajanov1, 2, Yusuf Akhmedov1, Dilmurod Yunusov2, Azimjon Tursunqulov2, Odilbek Gaynullaev2, Akrom Asatullaev2  
1Department of Pediatric Surgery, Samarqand Medical Institute of Uzbekistan, 2Department of Urology, Akfa Medline Clinic
| EP-123 | Low dose computed tomography-KUB follow up in post retrograde intrarenal surgery patients for stone clearance  
Anup Chapagain  
Department of Urology, National academy of medical sciences |
| EP-124 | Unlocking the secrets of bladder pain relief: uniting meta-analyses and clinical trials for hyaluronic acid, chondroitin sulfate, and combination therapy in primary bladder pain syndrome/interstitial cystitis  
Muhammad Andi Iqbal Maulana¹, Favian Ariq Rahmat²  
¹Department of Emergency, Siaga Medika Banyumas General Hospital, ²Department of Emergency, Harapan Keluarga Mataram Hospital |
| EP-125 | Compliance with clean intermittent catheterization in neurogenic bladder patients: reasons for clean intermittent catheterization  
Hye Jin Byun, Hyungyu Lim, Jooyoung Lee, Sung Hyun Bae, Wonho Jung, Ji Yong Ha, Byung Hoon Kim, Teak Jun Shin  
Department of Urology, Keimyung university Dongsan Hospital |
| EP-126 | The prevalence and genotype distribution of Human Papillomaviruses among Men in Korea  
Hyunsoo Lee, Dugeon Moon, SunTae Ahn, Sunbum Cho, WonKu Hwang, Hyojong Kim  
Department of Urology, Department of Urology, Korea University Guro Hospital |
Jung Chan Jung¹, So Dam Won², Hyun Ho Han³  
¹Department of Urology, Yonsei University College of Medicine, ²Department of Urology, Yonsei University College of Medicine, ³Department of Urology, Yonsei University College of Medicine |
| EP-128 | The prevalence and treatment trend of lower urinary tract dysfunction: the point view of elderly patient  
Young Hwan Kim¹, Sang-Rak Bae², Tae Wook Kang¹, Hyun Chul Chung¹, Jae Hung Jung¹, Hong Chung³  
¹Department of Urology, Yonsei University Wonju College of Medicine, Wonju, Korea, ²Department of Urology, The Catholic University of Korea, Uijeongbu St. Mary’s Hospital, Uijeongbu, Korea |
| EP-129 | The prevalence and genotype distribution of Human Papillomaviruses among Korean females  
Hyunsoo Lee, Dugeon Moon, SunTae Ahn, Sunbum Cho, WonKu Hwang, Hyojong Kim  
Department of Urology, Department of Urology, Korea University Guro Hospital |
| EP-130 | The increased expression of transient receptor potential vanilloid-4 (TRPV4) in cyclophosphamide-induced inflammatory cystitis  
Taehyung Kim¹, Sun-Ouck Kim¹, Dongdeuk Kwon¹, Do Gyeong Lim², Seong Hyeon Yu³, Ho Seok Chung⁴, Eu Chang Hwang⁵, Kyung Jin Oh⁶, Seung Il Jung⁷, Taek Won Kang⁷, Kwangsung Park¹  
¹Department of Urology, Chonnam National University Hospital, Chonnam National University Medical School, Gwangju, Korea, ²Department of Urology, Chonnam National University Hospital, Chonnam National University Medical School, Hwasun, Korea |
| EP-131 | Comparative analysis of transperineal aspiration and conservative management in the treatment of prostatic abscess  
Sung Goo Yoon, Jae Young Hwang, Seong Woo Yun, Tae Young Park, Chang Wan Hyun, Seung Bin Kim, Tae Il Noh, Ji Sung Shim, Seok Ho Kang, Sung Gu Kang  
Department of Urology, Anam Hospital, Korea University College of Medicine, Seoul, Korea |
EP-132  Fournier's gangrene: a 10-year clinical experience at a single medical center
Byeong Jin Kang1,2, Seung Hyeon Kim1, Kyoungha Jang1, Woo seop Seong1, Gwon Kyeong Lee1,2, Kyung Hwan Kim1,2, Hong Koo Ha1,2
1 Department of Urology, Pusan National University Hospital, 2 Department of Urology, College of Medicine, Pusan National University

EP-133  Seasonal variation of major urinary tract infection of Korea from 2010 to 2022; population based analysis using HIRA bigdata analysis
Byeong-jo Kang1, Jae Chul Lee1, Don Hee Lyu1, Eun Jae Kim1, Bong Hee Park1, Kang Seob Kim1, Chang Hee Han1, Sangrak Bae1, Hong Chung2, Won Yeol Cho3
1 Department of Urology, Uijeongbu St.Mary’s Hospital, College of Medicine, The Catholic University of Korea, Seoul, Korea, 2 Department of Urology, Wonju Severance Christian Hospital, Wonju, Gangwon-do, Korea, 3 Department of Urology, Dong-A University Hospital, College of Medicine, Song-A University, Busan, Korea

EP-134  Evaluating the utility of a urinalysis prior to performing a flexible cystoscopy. Does it reduce the risk of urosepsis?
Jenny Kuo1, Adib Rahman2, Matthew Qiu1
1 Department of Urology, Gold Coast University Hospital, 2 Department of Urology, Toowoomba Hospital

EP-135  Clinical characteristics and treatment of prostatic abscess in cho ray hospital
Phan Nguyen Hoai1, Tam Ly Hoai1, Sam Thai Minh1,2, Thuan Chau Quy1, Chuan Hoang Khac1, Lan Thai Kinh1,2, Tu Anh Thanh1,2, Thai Ngo Xuan1,2
1 Department of Urology, Cho Ray Hospital, 2 Department of Urology, University of Medicine and Pharmacy at Ho Chi Minh City, Vietnam

EP-136  Fosfomycin trometamol as an alternative antibiotic prophylaxis for patients undergoing transrectal ultrasound guided biopsy of the prostate
Li Yi Lim1, Suet Yin Chin2, Hau Chun Khoo1
1 Department of Surgery, Hospital Canselor Tuanku Muhriz UKM, Malaysia, 2 Department of Pharmacy, Hospital Canselor Tuanku Muhriz UKM, Malaysia

EP-137  Xhantogranulomatous pyelonephritis : a rare case report of 53 yo male (association with recurrent kidney stone)
Abdul Azis Boenjamin1, Poppy Desra Nasution2
1 Department of General Surgery Residency, Abdul Wahab Sjahranie Hospital, Samarinda, East Kalimantan, Indonesia/Mulawarman University, 2 Department of Urology, Abdul Wahab Sjahranie Hospital, Samarinda, East Kalimantan, Indonesia/Mulawarman University

Jennifer Xu, Daryl Thompson, Joseph Ischia, Damien Bolton
Department of Urology, Austin Health

EP-139  Photobiomodulation as a potential therapy for erectile function: a preclinical study in a cavernous nerve injury model
SiHyeon Kim, Anita Limanjaya, Min-J Choi, Fitri Rahma Fridayana, Jiyeon Ock, Fang-Yuan Liu, Lashkari Nilofar, Yan Huang, Mi-Hye Kwon, Minh Nhat Vo, Guo Nan Yin, Beom Yong Rho, Jun-Kyu Suh, Ji-Kan Ryu
Department of Urology, Inha University School of Medicine and Inha University Hospital
ABSTRACTS

EP-140  IGFBP5 antisense and short hairpin RNA (shRNA) constructs improve erectile function by inducing cavernosum angiogenesis in diabetic mice  
Jin Woo Ahn, Jiyeon Ock, Fang-Yuan Liu, Lashkari Niloofar, Fitri Rahma Fradyana, Yan Huang,  
Min-Ji Choi, Anita Limanjaya, Mi-Hye Kwon, Minh Nhat Vo, Guo Nan Yin, Beom Yong Rho, Jun-Kyu Suh,  
Ji-Kan Ryu  
Department of Urology, Inha University School of Medicine and Inha University Hospital

EP-141  The effect of 5-α reductase inhibitor on male reproductive function  
Tae Ho Lee1, Dong Suk Kim1, Dae Keun Kim2, Seung-Hun Song1  
1Department of Urology, Fertility Center, CHA Gangnam Medical Center, CHA University, Korea, 2Department of Urology, CHA Fertility Center Seoul Station, CHA University, Korea

EP-142  The association between the severity of erectile dysfunction and left ventricular diastolic dysfunction in patients with and without cardiovascular disease  
Chang Wan Hyun1, Jae Young Hwang1, Seong Woo Yun1, Tae Young Park1, Sung Goo Yoon1,  
Seung Bin Kim1, Tae il Noh1, Sung Gu Kang1, Seok Ho Kang1, Dong Hyuk Cho1, Ji Sung Shim1  
1Department of Urology, Anam Hospital, Korea University College of Medicine, Seoul, Korea, 2Department of Cardiology, Anam Hospital, Korea University College of Medicine, Seoul, Korea

EP-143  Efficacy of various treatment in premature ejaculation: systematic review and network meta-analysis  
Ko Min Kim1, Hyun Young Lee1, Jae Heon Kim1, Jong Hyun Pyun2, Sung Ryul Shim3  
1Department of Urology, Department of Urology, Soonchunhyang University Hospital, Soonchunhyang University College of Medicine, Seoul, Korea, 2Department of Urology, Department of Urology, Kangbuk Samsung Hospital, Sungkkyunkwan University School of Medicine, Seoul, Korea, 3Department of Biomedical Informatics, College of Medicine, Konyang University, Daejeon, Korea

EP-144  Adherence to the Mediterranean diet and sperm quality parameters: a meta-analysis of cohort studies  
Abdul Munawwir1,2, Zalsabila Tiara Adhani2  
1Department of General Medicine, Kolonodale General Hospital, 2Department of Medical Professional Study Program, Faculty of Medicine, Tadulako University

EP-145  Registered Nurses’ facing patients with erectile dysfunction: roles and responsibilities  
Hui-Chun Chen1, Tian-Yao Hong1, Chieh-Yu Liu2, Chun-Hou Liao3  
1Department of Nursing, Chang Gung University of Science and Technology, Taoyuan City, Taiwan, 2Department of Health Care Management, National Taipei University of Nursing and Health Sciences, Taipei, Taiwan, 3Department of Urology, Cardinal Tien Hospital, Fu-Jen Catholic University, New Taipei, Taiwan

EP-146  Robotic assisted laparoscopic varicocelectomy: initial experience  
Hye Soo Kim, Jae Hyung You, Myung Ki Kim, Young Beom Jeong, Yu Seob Shin  
Department of Urology, Jeonbuk National University

EP-147  Influence of yoga on male sexual dysfunction – a systematic review  
Rajesh Kumar1, Dibakar Borthakur2, Chetan Sahni3  
1Department of Anatomy, All India Institute of Medical Sciences, Patna, 2Department of Anatomy, All India Institute of Medical Sciences, New Delhi, 3Department of Anatomy, Institute of Medical Sciences, Banaras Hindu University, Varanasi

EP-148  Dartos fascial anchoring: a modified one-stage circumcision and hyaluronic acid injections for penile augmentation  
Hailong He, Xiaowei Zhang  
Department of Urology, Peking University People’s Hospital, Beijing, China
EP-149  A systematic efficacy evaluation of penile augmentation with hyaluronic acid gel for small penis syndrome patients  
Hailong He, Xiaowei Zhang  
Department of Urology, Peking University People’s Hospital, Republic of China

EP-150  Hyaluronic acid injection could be used for penis image restoration after disastrous enhancement surgeries  
Hailong He, Xiaowei Zhang  
Department of Urology, Peking University People’s Hospital, Beijing, China.

EP-151  Penile implant inside acquired intra-caval epidermoid cyst (case report)  
Alaa Aglan  
Department of Plastic, Alaa Clinic Hospital

EP-152  A prospective, randomized, open-label, parallel trial comparing the efficacy of α-blocker or 5α-reductase inhibitor withdrawal to continued combination therapy on the maintenance of lower urinary tract symptoms in men with benign prostatic hyperplasia  
Dae Ho Kim1, Jeong Hyun Lee1, Kim June Seok 1, Jeong Woo Yoo1, Kwang Suk Lee1, Byung Ha Chung1, Kyo Chul Koo1  
1Department of Urology, Yonsei University, College of Medicine, Seoul, Korea, 2Department of Urology, Veterans Health Service Medical Center, Seoul, Korea

EP-153  Bladder neck contractures after prostate surgery – 10 year experience  
Avelyn Lim, Jang Hwan Kim, Hee Seo Son, Kyung Tak Oh, Abdullah Mari Alqahtani  
Department of Urology, Yonsei University College of Medicine, Severance Hospital

EP-154  Comparison of the efficacy and safety of Holmium laser enucleation of the prostate (HoLEP) and Prostate arterial embolization (PAE): short-term follow-up results  
Ei Chan Lim1, Hui Mo Gu1, Jin Soek Gu2, Seong Hyun Yu1, Do Gyeong Lim1, Ho Seok Chung2, Seung Il Jung1, Dongdeuk Kwon1, Yang Jun Kang2, Nam Yeol Yim2, Eu Chang Hwang2  
1Department of Urology, Chonnam National University Medical School, 2Department of Radiology, Gwangju Mirae Clinic

EP-155  The Epidemiology of Male Lower Urinary Tract Symptoms associated with Benign Prostate Hyperplasia: Results of 20 Years of Korean Community Care and Surveys  
Changseok Kang1, Seonguk Jeh1, Daehyun Kim1, Jaehwi Choi1, Chunwoo Lee1, Seemin Choi1, Sungchul Kam1, Jeongsok Hwa1, Jaeseog Hyun1-2  
1Department of Urology, Gyeongsang National University, Institute of Health Sciences and Hospital, Gyeongsang National University School of Medicine, 2Department of Urology, The Korean Prostate & Voiding Health Association

EP-156  Does acquired environment affect the prostate enlargement?  
Jeong Hyun Lee, Jinhyung Jeon, Jee Soo Ha, Kang Su Cho, Kwang Suk Lee  
Department of Urology, Gangnam Severance Hospital, Urological Science Institute, Yonsei University College of Medicine, Seoul, Korea

EP-157  Analysis of biofeedback factors related to post-prostatectomy incontinence  
Woo Cheol Kang, Myung Eun Kwon, Hoyoung Bae, Ji Hyung Yoon, Taekmin Kwon, Sungchan Park, Kyung Hyun Moon, Sang Hyeon Cheon, Seong Cheol Kim  
Department of urology, Ulsan University Hospital, University of Ulsan College of Medicine
Sung Jin Kim, Il In Park, Ji Won Kim, Min Jung Kang, Sung Gon Park, Sahyun Pak, Ohseong Kwon, Young Goo Lee, Sung Tae Cho  
Department of Urology, Hallym University Kangnam Sacred Heart Hospital

EP-159  The relationship between nutritional status and BPH in old ages  
Ye Chan Joo, Ji Eun Yu, Jae Hyun Baik, Dong Hoon Koh, Jin Bum Kim, Hong Wook Kim, Hyung Joon Kim, Young Seop Chang  
Department of Urology, Konyang University Hospital

EP-160  What prevents accurate functional urethral length measurements in men?  
Changho Lee, Ji-Hae Bae, Min-Kyu Kim, Si Hyun Kim, Ki Hong Kim, Hee Jo Yang, Doo Sang Kim  
Department of Urology, Soonchunhyang University Cheonan Hospital

EP-161  Analysis of trends in urinary drug use over the past 5 years through data from Korea Health Insurance  
Sung Gon Park, Il In Park, Ji Won Kim, Young Goo Lee, Sahyun Pak, Sung Tae Cho, Min Jung Kang  
Department of Urology, Hallym University Kangnam Sacred Heart Hospital

EP-162  Comparison of postoperative transient urinary incontinence and recovery of incontinence after holmium laser enucleation of the prostate between prostates over and under 100g  
Wooseop Seong1, Kyeong Ha Jang1, Seung Hyeon Kim, Jeong Zoo Lee1,2, Hyeon Woo Kim1,2, Dong Gil Shin1,2  
1Department of Urology, Pusan National University Hospital, 2Department of Urology, Pusan National University School of Medicine

Hyun Ju Jeong1, Hyomyoung Lee2, Min Soo Choo2, Sung Yong Cho1,2, Seong Jin Jeong2, Seung-June Oh1,2  
1Department of Medical Device Development, Seoul National University College of Medicine, Seoul, Korea, 2Department of Urology, Seoul National University College of Medicine, Seoul National University Hospital, Seoul, Korea

EP-164  A prospective multicenter clinical trial for efficacy of mobile uroflowmetry in treatment-naïve benign prostatic hyperplasia undergoing medical therapy: Interim results  
Sang Hun Song1, Hae Sung Lee2, Byeongdo Song1, Gyoochan Jung2, Hyoung Ryu4, Jeong Woo Lee5, Seong Jin Jeong1,2, Sangchul Lee1,2  
1Department of Urology, Seoul National University Bundang Hospital, 2Department of Urology, Seoul National University College of Medicine, 3Department of Urology, Hanyang University Seoul Hospital, 4Department of Urology, Ewha Womans University Medical Center, 5Department of Urology, Kyung Hee University Medical Center

EP-165  Management of acute presentation of single system orthotopic ureterocele calculi due to stone impaction: a case report  
Abdullahi Khalid1, Abubakar Sadiq Muhammad1, Bashir Garba Aljanare2, Ngwobia Peter Agu1, Abdullah Abdulwahab-Ahmed1  
1Department of Surgery, TETFUND Centre of Excellence in Urology and Nephrology, Institute of Urology and Nephrology, Usmanu Danfodiyo University and Teaching Hospital, Sokoto, Nigeria., 2Department of Anaesthesia, Usmanu Danfodiyo University Teaching Hospital, Sokoto, Nigeria
EP-166  Consensus for advancing urology together: collaborative insights on pharmacotherapeutic advances

Diwakar Dalela1, Soumendra Nath Mondol2, Charan Kanwal Singh3, Vivek Maste4, Faninda Singh Solanki5, Nihans Thomas Panicker6, Suresh Sara7, Srinivas Narayanan8, Kapil Thakkar9, Arun Kumar K10
1 Department of Urology, Midland Healthcare and Research Center, Lucknow, India, 2 Department of Urology, Chittaranjan National Medical College and Hospital, Kolkata, India, 3 Department of Urology, Moga Medicity Hospital, Moga, Ludhiana, India, 4 Department of Urology, Hi-Tech Urology Center, Mumbai, India, 5 Department of Urology, Asha Kiran Urology and Urogynecology Center, Jabalpur, India, 6 Department of Urology, Chinnayya Mission Hospital, Bangalore, India, 7 Department of Urology, JK Medcity, Jammu, India, 8 Department of Urology, Aditya Hospitals, Hyderabad, India, 9 Department of Urology, Excel Hospital, Surat, India, 10 Department of Urology, RG Stone Urology and Laparoscopy Hospital, Chennai, India

EP-167  Did COVID-19 Pandemic Delay Surgical Intervention of Testicular Torsion?

Danbee Lee2, Jae Min Chung1,2, Sang Don Lee1,2
1 Department of Pediatric Urology, Pusan National University Yangsan Children’s Hospital, 2 Department of Urology, Pusan National University Yangsan Hospital

EP-168  Genotype and phenotype characteristics of Chinese pediatric patients with primary hyperoxaluria

Yucheng Ge, Yukun Liu, Ruichao Zhan, Zhenqiang Zhao, Jun Li, Ye Tian, Wenyang Wang
Department of Urology, Beijing Friendship Hospital, Capital Medical University, China

EP-169  Ultrasonographic changes associated with the clinical outcome of a testicle suspected for torsion

Shin Wook Kang, Dongsu Kim, Sang Hoon Song
Department of Urology, Asan Medical Center, University of Ulsan College of Medicine, Seoul, Korea

EP-170  Analysis of factors affecting the recurrence of febrile urinary tract infection in congenital vesicoureteral reflux

Hohyun Lee, Youngjae Im, Kwanjin Park
Department of Urology, Seoul National University College of Medicine

EP-171  The long-term outcomes of patients with vesicostomy: an experience at a single institution

DongHoon Kevin Kang1, Sang Woon Kim1, Jieun Park2, Jae Ok Baek2, Si Wook Lee2, Yong Seung Lee1, Sang Won Han1,3
1 Department of Urology and Urological Science Institute, Yonsei University College of Medicine, 2 Department of Pediatric Urology, Severance Children’s Hospital, 3 Department of Urology, Cha University School of Medicine

EP-172  Persistence and adherence profiles in the treatment of enuresis

Si Wook Lee, Jae Ok Baek, Yong Seung Lee, Sang Woon Kim
Department of Urology, Urological Science Institute, Yonsei University College of Medicine

EP-173  Disassembled urethroplasty with urethral advancement technique for distal and midshaft hypospadias repair

Zafar Abdulauliev1,2, Saidanvar Agzamkhodjaev1,2, Akmal Rakhmatullaev2, Sergey Bondarenko3
1 Department of Pediatric Urology, National Children’s Medical Center, Tashkent, Uzbekistan, 2 Department of Pediatric Surgery, Tashkent Pediatric Medical Institute, Tashkent, Uzbekistan, 3 Department of Pediatric Urology, Clinical Emergency Hospital №1, Volgograd, Russian Federation

EP-174  Ureterostomy along pfannenstiel incision- a new location

Raj Shah1, Ramendra Shukla1, Ramesh Patel1
1 Department of Pediatric Surgery, SG Medical college and SVP Hospital, Ahmedabad, India, 2 Department of Pediatric Urology, Institute of Kidney disease, Ex professor, Ahmedabad, India, 3 Department of Nuclear Medicine, HCG Hospital, Ahmedabad, India
ABSTRACTS

EP-175  HOXA1 variants in Chinese patients with primary hyperoxaluria type 3: Genetic features and genotype-phenotype relationships
Yucheng Ge, Yukun Liu, Ruichao Zhan, Zhenqiang Zhao, Jun Li, Ye Tian, Wenyeng Wang
Department of Urology, Beijing Friendship Hospital, Capital Medical University, China

EP-176  The effectiveness of free needle injector to provide local anesthesia in child circumcision with modified plastibell device (SuperRing)
Lutfi Aulia Rahman1, Riza Mazidu Sholihin2
1 Department of Research, PT Sunat Modern Indonesia, 2 Department of Urology, Harjono General Hospital, Ponorogo, Indonesia

EP-177  Needle-free, single-visit children circumcision with modified plastibell a multi-centre field trial
Lutfi Aulia Rahman1, Riza Mazidu Sholihin2
1 Department of Research, PT Sunat Modern Indonesia, 2 Department of Urology, Harjono General Hospital, Ponorogo, Madiun

EP-178  Radical cystectomy with orthotopic bladder substitution for RMS- a 22 year follow up
Ramendra Shukla1, Raj Shah2, Rasna Tiwari3
1 Department of Pediatric Surgery, Smt NHL Medical College and SVP hospital, Ahmedabad, India, 2 Department of Pediatric Oncosurgery, Gujarat cancer and research Institute, Ahmedabad, India, 3 Department of Nuclear medicine, HCG hospital,Ahmedabad,India

EP-179  A modified plastibell device (Super Ring) for safe and comfortable circumcision in children
Lutfi Aulia Rahman1, Riza Mazidu Sholihin2
1 Department of Research, PT Sunat Modern Indonesia, 2 Department of Urology, Harjono General Hospital, Ponorogo, Indonesia

EP-180  Safety, and Complications Characteristic of Children Circumcision using Modified Plastibell (Super Ring): Experience in Madiun
Lutfi Aulia Rahman1, Riza Mazidu Soilihin2
1 Department of Research, PT Sunat Modern Indonesia, 2 Department of Urology, Harjono General Hospital, Ponorogo, Indonesia

EP-181  Free Needle Local Anesthesia for Modified Plastibell Circumcision in Children
Lutfi Aulia Rahman1, Riza Mazidu Sholihin2
1 Department of Research, PT Sunat Modern Indonesia, 2 Department of Urology, Harjono General Hospital, Ponorogo, Indonesia

EP-182  Comparison of free needle injection with conventional injection technique in circumcision
Lutfi Aulia Rahman1, Riza Mazidu Sholihin2
1 Department of Research, PT Sunat Modern Indonesia, 2 Department of Urology, Harjono General Hospital, Ponorogo, Indonesia

EP-183  Free needle injection local anesthetic technique for modified plastibell circumcision (SuperRing)
Lutfi Aulia Rahman1, Riza Mazidu Sholihin2
1 Department of Research, PT Sunat Modern Indonesia, 2 Department of Urology, Harjono General Hospital, Ponorogo

EP-184  Advancing foley catheter insertion procedure through the quick foley introducer: an overdue innovation after a century
Chung Lyul Lee1, Ji Yong Lee1, Seung Woo Yang1, Ju Hyun Shin1, Jae Sung Lim1, Ki Hak Song1, Yong Gil Na2, Jong Mok Park2, Khae Hwan Kim1
1 Department of Urology, Chungnam National University Hospital, Chungnam National University College of Medicine, Daejeon, Korea, 2 Department of Urology, Chungnam National University Sejong Hospital, Chungnam National University College of Medicine, Sejong, Korea.
EP-185  Comparison of efficacy and safety between Xkin Closure versus stapler for surgical wound suture: A randomized control, single-center, open-label trial
Gyoohwan Jung1, Bo Ri Kim2, Chang-Hun Huh3, Jae Moon Shin2, Sangchul Lee3
1 Department of Urology, Hanyang University Seoul Hospital, Seoul, Korea, 2 Department of Dermatology, Seoul National University Bundang Hospital, Seongnam, Korea, 3 Department of Urology, Seoul National University Bundang Hospital, Seongnam, Korea

EP-186  Arterio-ureteral fistula presenting as hematuria: a case-series from the urologist’s perspective
Sang Hun Song, Jaewon Lee, Jong Jin Oh
Department of Urology, Seoul National University Bundang Hospital

EP-187  Association between 5-alpha reductase inhibitor and COVID-19 infection and severity: A National Health Insurance Database study
Gyoohwan Jung1, Jung Kwon Kim2, Sung Kyu Hong2
1 Department of Urology, Hanyang University Seoul Hospital, Seoul, Korea, 2 Department of Urology, Seoul National University Bundang Hospital

EP-188  Repair of perineal urethrostomy stenosis using buccal mucosal graft in a patient diagnosed with body dysmorphia, who previously underwent total penectomy, bilateral orchietomy, and scrotectomy: a case report
Patricia Anne Tagle, Raul Carlo Andutan, Mark Joseph Abalajon
Department of Urology, East Avenue Medical Center

EP-189  Kolb’s experiential learning theory for learner module in the management of lower urinary tract symptoms (LUTS)
Emmanuel Abara1,2, Courtney Ross3, Manujaa Nagarajah4
1 Department of Surgery (Urology), Northern Ontario School of Medicine Nosm University, 2 Department of office Urology Practice, Richmond Hill Urology Practice and Prostate Institute, 3 Department of Molecular Biology, Kenyon College, 4 Department of Undergraduate Medical Education Ume, Schulich School of Medicine and Dentistry, University of Western Ontario

EP-190  Understanding the pitfalls with intra- and postoperative complication reporting and grading in urological surgery – a systematic review and path forward
Jennifer Xu1, Christopher Soliman1, Nirajan Sathanathen1, Henry Pan1, Clancy Mulholland1, Benjamin Thomas1, Niall Corcoran1,2, Philip Dundee1, Marc Furrer1,3, Nathan Lawrentschuk1
1 Department of Urology, Royal Melbourne Hospital, 2 Department of Urology, Western Health, 3 Department of Urology, University of Bern

EP-191  Prospective systematic collection of surgical complications after urologic surgery
Tae Hwan Kim, Kang Hee Shim, Dae Sung Cho, Seol Ho Choo, Jong Bo Choi, Hyun Soo Ahn, Se Joong Kim, Sun Il Kim
Department of Urology, Ajou University School of Medicine

EP-192  Taking urology to new depths: a review of hyperbaric oxygen Therapy’s current applications
Darshan Sitharthan
Department of Urology, Bankstown-Lidcombe Hospital

EP-193  Medical treatment for Peyronie’s disease: systematic review and network Bayesian meta-analysis
Ki Min Kim1, Hyun Young Lee1, Jong Hyun Pyun2, Sung Ryul Shim3, Jae Heon Kim1
1 Department of Urology, Department of Urology, Soochunhyang University Hospital, Soochunhyang University College of Medicine, Seoul, Korea, 2 Department of Urology, Department of Urology, Kangbuk Samsung Hospital, Sungkyunkwan University School of Medicine, Seoul, Korea, 3 Department of Biomedical Informatics, College of Medicine, Konyang University, Daejeon, Korea
ABSTRACTS

EP-194 A two-in-one unusual emergency presentation: bilateral ureteric calculi and testicular pain
Kylie Lim, Luke Wang, Tatenda Nzenza, Catherine Temelcos
Department of Urology, St Vincent’s Hospital Melbourne

EP-195 There is a need for a universal language in the reporting and grading of complication and intervention events to ensure comparability and improvement of surgical care
Jennifer Xu1, Christopher Soliman1, Niranjan Sathianathen1, Henry Pan1, Clancy Mulholland1, Benjamin Thomas1, Niall Corcoran1-2, Philip Dundee1, Marc Furrer1-3, Nathan Lawrentschuk1
1 Department of Urology, Royal Melbourne Hospital, 2 Department of Urology, Western Health, 3 Department of Urology, University of Bern

EP-196 Integration of nursing opinion in the reporting and grading of surgical complications should become state of the art in a modern and evolving hospital safety infrastructure
Jennifer Xu1, Christopher Soliman1, Niranjan Sathianathen1, Henry Pan1, Clancy Mulholland1, Niall Corcoran1-2, Benjamin Thomas1, Philip Dundee1, Marc Furrer1-3, Nathan Lawrentschuk1
1 Department of Urology, Royal Melbourne Hospital, 2 Department of Urology, Western Health, 3 Department of Urology, University of Bern

EP-197 Explanation and implication of the novel CAMUS grades, supplemental grades, and comprehensive complication index (CCI)
Jennifer Xu1, Christopher Soliman1, Niranjan Sathianathen1, Henry Pan1, Clancy Mulholland1, Benjamin Thomas1, Niall Corcoran1-2, Philip Dundee1, Marc Furrer1-3, Nathan Lawrentschuk1
1 Department of Urology, Royal Melbourne Hospital, 2 Department of Urology, Western Health, 3 Department of Urology, University of Bern

EP-198 Step-by-step development of the CAMUS reporting and classification system – from rationale to end-product
Jennifer Xu1, Christopher Soliman1, Niranjan Sathianathen1, Henry Pan1, Clancy Mulholland1, Benjamin Thomas1, Niall Corcoran1-2, Philip Dundee1, Marc Furrer1-3, Nathan Lawrentschuk1
1 Department of Urology, Royal Melbourne Hospital, 2 Department of Urology, Western Health, 3 Department of Urology, University of Bern

EP-199 Laparoscopic removal of migrated intrauterine contraceptive device into the bladder: case report
Yennie Ayu Setianingsih, Wahjoe Djatisoesanto, Johan Renaldo
Department of Urology, Dr. Soetomo General Hospital, Faculty of Medicine, Airlangga University, Indonesia

EP-200 Partial glans amputation as complication of circumcision – a case report
Nuraga Wishnu Putra1, Boyke Soebhali2
1 Department of General Surgery, Resident of General Surgery, University of Mulawarman, 2 Department of Urology, Urologist of University of Mulawarman

EP-201 Biological potential of irisolidone for the treatment of human disorders through different molecular mechanism
Kanika Patel, Dinesh Kumar Patel
Department of Department of Pharmaceutical Sciences, Sam Higginbottom University of Agriculture, Technology and Sciences

EP-202 Biological potential of atractylodin on acute liver failure (ALF) with its underlying mechanisms
Kanika Patel, Dinesh Kumar Patel
Department of Faculty of Health Sciences, Sam Higginbottom University of Agriculture, Technology and Sciences, Payagraj, India
Med-Loc & Appliers
Polymer Ligating Clips & Appliers

Med-Loc Features

- Non slip type
- Clear Locking sound
- Biocompatible Polymer
- Non-absorbable Polymer
- Flexible Hinge
- High tensile strength

The teeth is designed to prevent slippage
The circular projection inside the clip prevents slippage
mCRPC 환자를 위한 새로운 치료 패러다임

BRCA변이 mCRPC 환자를 대상으로 OS와 rPFS 개선을 입증한 최초의 유일한 PARPi (2023년 9월 기준), 린피자

PROpel
아비라테론 및 프레드니솔론의 병용요법:
전이성 거세 저항성 전립선암 진단 후
항암화학요법 치료 경험이 없는 성인 환자의 치료

DARE TO CHALLENGE

PROfound
이전에 새로운 호르몬 치료제 치료 후
질병이 진행한 경험이 있는 BRCA 변이 전이성 거세 저항성 전립선암 성인 환자의 치료

DARE TO CHALLENGE

ITT population 34% 24.8 개월 vs 16.6 개월
(HR, 0.66, 95% CI, 0.54–0.81; P<0.001)

HRRm population 50% NR vs 13.9 개월
(HR, 0.5, 95% CI, 0.34–0.73)

BCRAm subgroup Analysis 76% NR vs 8 개월
(HR, 0.24; 95% CI: 0.12–0.45)

NHA 재치료 대비 rPFS 개선

9.8 개월 vs 3.0 개월
(0.63, 95% CI, 0.42–0.95; Statistically significant, Not controlled for multiplicity)

NHA 재치료 대비 OS 개선

20.1 개월 vs 14.4 개월
(0.63, 95% CI, 0.42–0.95; Statistically significant, Not controlled for multiplicity)
Cholinergic bladder emptying agent

**HINECHOL**
(Bethanechol chloride 25mg)

**Gold standard of BPH**

**HYTRIN**
1mg 2mg 5mg

Because one size does not fit all...

You need a choice that’s right for your BPH patients

Choose the dose that delivers the desired results.

- **Initial dose**: 1mg tablet at bedtime for 3 days (1-3 days)
- **Titration**: Increase once-daily dose in a stepwise fashion (2mg, 5mg, 10mg) until desired results

If HYTRIN® is discontinued for several days, reinstitute therapy with the initial dosing regimen.

**Trust HYTRIN® TERAZOSIN HCl**
요로결석이 생각나신다면, 기억하세요. 홀뮴레이져 홀인원!
신의료기술로 인정 받은 전립선 비대증 치료의 새로운 대안 |
리줌(Rezūm™) 시스템

접개·체내 임플란트·약물 관련 부작용 없이
전립선 비대증 치료, '리줌(Rezūm) 시스템'

RES I. Molony KT, Popps T, Rochiubon GS. Rezūm® water vapor thermal therapy for lower urinary tract symptoms associated with benign prostatic hyperplasia: 4-year results from randomized controlled study. Urology. 2018 Apr;120:111-9. CAUTION: The law restricts these devices to sale by or on the order of a physician. Indications, contraindications, warnings and instructions for use can be found in the product labelling supplied with each device. Products shown for INFORMATION purposes only and may not be approved or for sale in certain countries. This material not intended for use in France. 2022 Copyright © Boston Scientific Corporation or its affiliates. All rights reserved. UFD-1666507-A9-Rezūm media conference-P005 Aug2022
Yatral XL
alfuzosin HCl 10mg

Clinically uroselective α₁-blocker

Powerful efficacy

- Jatral XL is effective in improving overall symptoms (IPSS-LUTS score) and quality of life (QoL) compared to placebo in patients with Benign Prostatic Hyperplasia (BPH) [1].
- Jatral XL significantly improves the mean IPSS-LUTS, IPSS-QoL, and Qmax compared to placebo [2].

Less effect on sexual function

- Jatral XL has a low effect on sexual function, with only a small increase in erogenous zone sensitivity [3].

References:
U.R.O
Unite Rational Our Future
종근당은 비뇨의학과와 함께 합니다
“ 다시 시작하는 당신의 삶을 응원합니다.”

전립선암 치료제
카덱스 정
비칼루타미드 50mg

방사선 보호 치료시 높은 생존율 개선 효과와
공립도 유지 및 성기능과 생체적 활동을 유지시키며,
3일 1회 복용으로 환자 순응도가 높아 삶의 질을 유지시키는
우수한 효과로 치료제로 우수한 안전성과 의약성 지향하며,
생물학적 동등성이 입증된 우수한 약물입니다.

[제품특성 및 그 분류] 이 약 (정 중)
<상품명> 카덱스 정 (50mg)
<상품명> 카덱스 정 (50mg)

[상성] 카덱스 정 (50mg)

[제조자] 이연제약(주) / 판매자 대동주식회사
피카스코어플러스
PCa-SCORE+
전립선 생검여부 결정을 도와주는 소프트웨어

PCa-SCORE+
- PCa-SCORE+는 전립선암 의심환자의 임상 수치(나이, PSA, 전립선부피의), 전립선암 단종유전자 위험점수를 결합하여 전립선암 위험도가 산출되는 소프트웨어입니다.
- 생검결과의 보조도구로서 PSA회색지대에 속한 환자의 불필요한 생검을 줄일 수 있습니다.
- 임상 수치 변화에 따라 반복적인 결과 확인이 가능하며, 전립선암 의심환자를 추적 관찰할 수 있습니다.

PCa-SCORE+ 검사대상자

PCa-SCORE+ 정확도

PCa-SCORE+는 PSA보다 특이도가 약 3.3배 정도 높습니다. 따라서 불필요한 생검을 30% 줄일 수 있습니다.

<table>
<thead>
<tr>
<th></th>
<th>Specificity (At 90% Sensitivity)</th>
<th>AUC</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSA</td>
<td>9.78</td>
<td>0.58</td>
</tr>
<tr>
<td>PCa-SCORE+</td>
<td>32.78</td>
<td>0.74</td>
</tr>
</tbody>
</table>

본 검사는 검사 결과가 임상적 의미가 확립되지 않았으며, 이에 따른 결과에 관련된 행위가 유의하다는 근거적 타당성이 아직 부족입니다.

이용 안내

PCa-SCORE+ 소프트웨어를 이용하시려면 PCa-GENE TEST Bx 결과 값이 필요하므로 프로카젠에 문의바랍니다.

(주)프로카젠 | 경기도 성남시 분당구 정자일로 156번길 11 세림타워 501-2호
T. 070-4915-0111 | E. info@procagen.com | H. www.procagen.com

문의사항은 영업시간 전절환 상담해 드립니다.
젤미론 캡슐
Pentosan Polysulfate Sodium

Elmiron과 동등성 입증
생등성 시험 결과

엘미론 제조사 IVAX 원료수출
CAPA compliance 합격

Dr. Parson 참여 개발 제품
Elmiron 개발자

긴질성 방광염(IC)의 특징

1. 비세균성
2. 일반 약제로 치료되지 않는 만성적 비뇨, 절막노, 배뇨통
3. 하복부통, 회음부통, 성교통 자속

남성갱년기 남성호르몬(Testosterone) 주사제

예나스테론 주
Testosterone

유럽, 미국, 대만, 호주 ENANTHATE 제제

[성분] 1安居 등, Testosterone Enanthate 250mg
[용법,용량] 2~3주에 1安居 근주
[포장단위] 10安居/박스

JENASTERON Inj.
FLEXIBLE VIDEO URETERORENOSCOPE

WHEN MANEUVERABILITY MATTERS

Control Buttons
Zoom
Capture/Recording
Freeze.

4-Way Deflection
Better navigation for accurate positioning of stones

No Compromise
Consistent Performance (without limitation of time and case)

COMS + LED
Chip-On-Tip

Durable  Portable

www.seesheen.com
DECADES OF COMMITMENT TO PROSTATE CANCER PATIENTS

- The Combination with ZOLADEX is also an effective treatment in Castration Resistance Prostate Cancer

- CASODEX 150mg, either as monotherapy or adjuvant to standard care, improved PFS in patients with locally advanced prostate cancer.
수텐 1차 진행성 신세포암 치료™

어려 대규모 연구를 통해 1차 치료제로서의 효과를 확인한

Sutene®

진행성 신세포암 환자들의 치료를 고려해주세요. 5-7
OPERATION HERO
FAST & EASY TO USE

Floseal
HEMOSTATIC MATRIX

Avoid the stop and go of BPH

THRUPAS® is highly selective α1A-Blocker

THRUPAS® (silodosin), a selective alpha-1 adrenergic receptor antagonist, is indicated for the treatment of the signs and symptoms of benign prostatic hyperplasia (BPH).

✔ 강력하고 신속한 효과
✔ 심혈관계 부작용 최소화
✔ 경제적인 약가