75th Annual Meeting of The Korean Urological Association

KUA 2023

Enhancing Urology with Expertise, Innovation and Passion

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

well balanced selectivity HAD¹²

미라벡 서방정 50mg

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

한미약품

References

Hanmi
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.

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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 the 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. PNTS0103-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!

프로스카

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

References:

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새로운 성분(Vibegron)의 beta3 Agonist Beova® Tab 50mg (Vibegron)

베타바정(vibegron)은 beta3 아드레날린 수용체 작용제로 β1 또는 β2에 비해 beta3 아드레날린 수용체에 9,000배 이상 선택적입니다. 한국인 과민성 방광 환자의 증상을 유의하게 감소시킵니다. 상용량의 4배, 8배 용량에서 QT 간격에 영향이 없습니다.

Reference
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
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Go to KUA 2023 Virtual Metaverse
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
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>Room</th>
<th>Room A</th>
<th>Room B</th>
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<tr>
<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td>08:00-</td>
<td>Registration (1F Registration Desk)</td>
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</table>
| 09:00-10:00 | Plenary Session 1  
Faculty CME  
지도전문의교육  
한국조직의학회  
LIVE ENG |
| 10:00-12:00 | Ultrasonography Hands-on Course for Urology Residents (Hands-on)  
진단의 초음파 실습교육  
Room A |
| 12:00-13:00 | Satellite Luncheon Symposium 1  
Satellite Luncheon Symposium 2  
OSCE Model Display |
| 13:00-14:00 | Thematic Session 1  
Podium Session 1  
LUTS/BPH(1)  
PO 001-011  
Video Session 1  
V 001-008 |
| 14:00-15:00 | Podium Session 2  
Cancer-Prostate (1)  
O 012-022  
Podium Session 3  
Cancer - Kidney (1)  
O 023-032 |
| 15:00-16:00 | Podium Session 4  
Basic Research - Infertility & Sexual Dysfunction, Neurourology & LUTS/BPH & Others  
Pediatrics (1)  
O 045-055  
Semi Live Surgery 1  
KUA Board Meeting  
경의원회 |
| 16:00-17:00 | Podium Session 5  
Cancer - Bladder, Pelvis, Ureter & Others (1)  
O 067-077  
Podium Session 6  
Endourology & Stone Disease (1)  
O 056-066  
Podium Session 7  
Cancer - Bladder, Pelvis, Ureter & Others (1)  
O 067-077 |
| 17:00-17:30 | KUA Presidential Dinner (*Invited Only) (Rm. 103)  
(17:30 Welcome Cocktail & Photo Time) |
| 17:30-   | KUA Presidential Dinner (*Invited Only) (Rm. 103)  
(17:30 Welcome Cocktail & Photo Time) |
<p>| 09:00-17:30 | E-Poster Display (206A / 2F DID / Online) |</p>
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<td><strong>Booth Opening Ceremony</strong></td>
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<td><strong>KUA Subspecialty Leadership Meeting</strong> (Breakfast)</td>
<td><strong>Meet the Expert 1</strong> Sun Il Kim</td>
<td><strong>Meet the Expert 2</strong> Kun Suk Kim</td>
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<td><strong>08:00-09:00</strong></td>
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<td><strong>Opening Ceremony</strong> (Rm. 103)</td>
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<td><strong>09:30-10:00</strong></td>
<td><strong>Podium Session 8</strong> Basic Research - Cancer</td>
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<td><strong>Podium Session 9</strong> Cancer - Bladder, Pelvis, Ureter &amp; Others (2)</td>
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<td>10:00-10:30</td>
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<td><strong>Podium Session 11</strong> Infections &amp; Geriatrics</td>
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<td><strong>10:30-11:00</strong></td>
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<td><strong>Podium Session 10</strong> Incontinence &amp; Female Urology &amp; Neurourology</td>
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<td><strong>KUA-Korean Public Health Policy Institute Joint Session</strong></td>
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<td>11:30-12:00</td>
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<td>** Quiz Competition for Residents** (Rm.104+105) / 12:00-13:00</td>
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<td><strong>Press Conference</strong></td>
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<td><strong>12:00-12:30</strong></td>
<td><strong>Satellite Luncheon Symposium 3</strong></td>
<td><strong>Satellite Luncheon Symposium 4</strong></td>
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<td><strong>OSCE Model Display</strong></td>
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<td><strong>13:00-14:00</strong></td>
<td><strong>Thematic Session 2</strong></td>
<td><strong>Podium Session 12</strong> Pediatrics (2)</td>
<td><strong>Video Session 2</strong></td>
<td><strong>Women’s Policy Workshop</strong></td>
<td><strong>KUOS Editorial board meeting</strong></td>
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<td>14:00-15:00</td>
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<td><strong>Podium Session 13</strong> Infertility &amp; Sexual Dysfunction</td>
<td><strong>Podium Session 14</strong> Cancer - Prostate (2)</td>
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<td>15:00-16:00</td>
<td><strong>Semi Live Surgery 2</strong></td>
<td><strong>Podium Session 15</strong> Endourology &amp; Stone Disease (2)</td>
<td><strong>Podium Session 16</strong> Trauma &amp; Others</td>
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<td>16:00-17:00</td>
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<td><strong>Podium Session 17</strong> Cancer - Prostate (3)</td>
<td><strong>Podium Session 18</strong> LUTS/BPH (2)</td>
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# Program at a Glance

## DAY 3 Fri., November

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<td>Seung-Ju Lee</td>
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<td>Cancer - Bladder, Pelvis, Ureter &amp; Others (3)</td>
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<td>Cancer - Prostate (4)</td>
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<td>- Kim, Sae Chul's Awards Lecture</td>
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<td>Semi Live Surgery 3</td>
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<td>E-Poster Display (Exhibition Hall 101+102) / 206A / 2F DID / Online</td>
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**DAY 4** 4 Sat., November

COEX Conference Room (South), COEX

Room 300 (3F)

09:30-17:00

KUA-AUA Resident Review Course

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**1F COEX (South)**

1. Enter through East Gate or South Gate 2 on the 1st floor of COEX

2. Take the elevator or escalator to the 3rd floor

3. After checking the Information Banner, go to Room 300

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**3F COEX (South)**
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)
• 유로퀴즈왕 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
• 화이트보드

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

KUA Diamond

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janssen  
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ONO PHARMA KOREA

KUA Gold

Organon

KUA Silver

Teleflex  
AMS  
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DAEDONG  
Boston Scientific

WONTECH  
일양약품  
재일약품  
통근당  
STORZ
### 업체명 | 구분 | 위치
---|---|---
독도엠디에스 | 의료기계 | 100
복합디스플레이아 | 의료기계 | 101
(주)삼성디타 | 의료기계 | 99
(주)삼성전자 | 의료기계 | 104
아주약품 | 의료기계 | 107
임진코리아 | 의료기계 | 108
헬스텍(한초폴리아시아코리아) | 의료기계 | 102
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(주)아시아텔레콤 | 의료기계 | 98
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하이메트(주) | 의료기계 | 97
한국다케다제약 | 제약회사 | 106

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(주)씨씨씨 | 제약회사 | 내지광고 진행
제이텍바이오젠 | 제약회사 | 내지광고 진행
한국화이자제약 | 제약회사 | 내지광고 진행

부스 및 광고를 협찬해 주신 회사의 모든 임직원 여러분께 감사드립니다.
Lunch List

- 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 1장 당 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.

배꼽집
Backkop House

갈비탕, 짱만냉면 외
Short rib soup
코엑스몰 지하 1층
1st basement floor of COEX Mall

예가낙지마을
Yega Nakji

낙지볶음밥 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

명동칼국수
Myungdong Noodle

라멘, 통밥 외
Ramen
코엑스몰 지하 1층
1st basement floor of COEX Mall

초계국수 외
Cold Chicken Noodles
코엑스몰 지하 1층
1st basement floor of COEX Mall

르사이공
Le Saigon

킬국수, 배트납육식 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 카친
California Pizza Kitchen

피자, 파스타 외
Pizza, Pasta
코엑스몰 지하 1층
1st basement floor of COEX Mall

QR 코드를 스캔하면 식당의 위치를 확인하실 수 있습니다.
You can check the location of the restaurant by scanning the QR code.
List of Awards

제12회 김세철 학술인상 (12th Kim, Sae Chul Award)

류지간 / 인하의대
 최근 10년간 연구업적에 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
김의석 / 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
임종현 / 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)

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

기초부문
윤석중, Chuangming Zheng / 충북의대
Bifidobacterium species BB_003 possesses antitumor immunity and the mechanisms behind it

비디오부문
김상운 / 연세의대
Buck's fascia saving corporoplasty using TachoSil® with tubularized incised plate

비수련 병의원부문
박성훈 / 세종비뇨의학과
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_

---

울해의 여성비뇨의학자 (2023 Female Urologist Award)

_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.), 10:31-11:45
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.), 10:17-11:31
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.), 10:31-11:45
Room A (103)

Lars Dyrskjøt 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, Country</th>
<th>Session Date, Time</th>
<th>Room</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>JUA</td>
<td>Yoshihiko Tomita</td>
<td>Niigata University Hospital, Japan</td>
<td>Nov. 2 (Thu.), 13:45-14:00</td>
<td>A (103)</td>
<td>Speaker</td>
</tr>
<tr>
<td>MUA</td>
<td>Toh Charng Chee</td>
<td>Hospital Selayang, Malaysia</td>
<td>Nov. 3 (Fri.), 09:44-09:57</td>
<td>A (103)</td>
<td>Speaker</td>
</tr>
<tr>
<td>SIU</td>
<td>Jean de la Rosette</td>
<td>Istanbul Medipol University, Türkiye</td>
<td>Nov. 1 (Wed.), 09:39-09:52</td>
<td>A (103)</td>
<td>Speaker</td>
</tr>
<tr>
<td>SSUU</td>
<td>Azimdjon N. Tursunkulov</td>
<td>Akfa Medline Hospital, Uzbekistan</td>
<td>Nov. 3 (Fri.), 10:38-10:51</td>
<td>A (103)</td>
<td>Speaker</td>
</tr>
<tr>
<td>TUA</td>
<td>Jacob See-Tong Pang</td>
<td>Chang Gung Memorial Hospital, Taiwan</td>
<td>Nov. 2 (Thu.), 11:00-11:15</td>
<td>A (103)</td>
<td>Speaker</td>
</tr>
<tr>
<td>VUNA</td>
<td>Le Dinh Khanh</td>
<td>Hue University of Medicine and Pharmacy Hospital, Vietnam</td>
<td>Nov. 3 (Fri.), 09:57-10:10</td>
<td>A (103)</td>
<td>Speaker</td>
</tr>
<tr>
<td>USANZ</td>
<td>Helen O’Connell</td>
<td>Epworth Hospital, Australia</td>
<td>Nov. 3 (Fri.), 10:51-11:04</td>
<td>A (103)</td>
<td>Speaker</td>
</tr>
<tr>
<td></td>
<td>Lih-Ming Wong</td>
<td>St. Vincent’s Hospital, Australia</td>
<td>Nov. 2 (Thu.), 11:35-11:30</td>
<td>A (103)</td>
<td>Speaker</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

**Day 1** 1 Wed., November

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

**Moderator** Seok Ho Kang (Korea University)  
Jong Wook Kim (Korea University)

**Plenary Session 1**

**Case-based discussion: 72 years old man with prostate cancer with regional lymph node metastasis**

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

**Online Lecture Metaverse**

**ENG**

**LIVE**

**DAY 1** 1 Wed., November Room A
## Scientific Programs

### DAY 1  1 Wed., November

#### Room A

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:43-10:56</td>
<td>State-of-the-art lecture: Recurrent UTI: 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>10:56-11:09</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>11:09-11:22</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>
<tr>
<td></td>
<td>State-of-the-art lecture: Geriatric urology</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11:22-11:34</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>11:34-11:46</td>
<td>Geriatric assessment for preoperative elderly patients: why and how</td>
<td>Phil Hyun Song</td>
<td>Yeungnam University</td>
</tr>
<tr>
<td></td>
<td>AUA exchange program Report</td>
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</tr>
<tr>
<td>11:46-11:53</td>
<td>Report 1</td>
<td>Hong Koo Ha</td>
<td>Pusan National University</td>
</tr>
<tr>
<td>11:53-12:00</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)

12:00-12:20  
Considerations in Choosing IO+IO or IO+TKI in Advanced RCC: When to Use Initial IO+IO and IO+TKI?  
Chang Wook Jeong  
Seoul National University

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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?

13:00-13:04  
Case presentation  
Tae Il Noh  
Korea University

13:04-13:17  
Radical cystectomy  
Ho Kyung Seo  
National Cancer Center

13:17-13:30  
Bladder preservation strategy  
Hyun Hwan Sung  
Sungkyunkwan University

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

13:30-13:45  
Optimizing combination therapies or therapeutic sequences for advanced or metastatic UC  
Yoon Ji Choi  
Korea University, Division of Medical Oncology

13:45-14:00  
Clinical usefulness of bladder MRI and VIRADS in bladder cancer  
Seong Kuk Yoon  
Dong-A University, Department of Radiology
## Scientific Programs

### DAY 1  
**1 Wed., November**

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

### Semi Live Surgery 1

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker 1</th>
<th>Speaker 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>14:00-14:30</td>
<td>Female radical cystectomy with orthotopic neobladder</td>
<td>Moderator: Bumsik Hong (University of Ulsan)</td>
<td>Won Sik Ham (Yonsei University)</td>
</tr>
<tr>
<td></td>
<td>Nerve sparing female cystectomy - robotic</td>
<td>Seok Ho Kang (Korea University)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Nerve sparing female cystectomy - open</td>
<td>Dong Hyeon Lee (Ewha Womans University)</td>
<td></td>
</tr>
<tr>
<td>14:30-15:00</td>
<td>Neobladder reconstruction in female cystectomy - robotic</td>
<td>Seok Ho Kang (Korea University)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Neobladder reconstruction in female cystectomy - open</td>
<td>Dong Hyeon Lee (Ewha Womans University)</td>
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</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>
</tr>
<tr>
<td>15:00-16:00</td>
<td>Single port robotic partial nephrectomy</td>
<td>Moderator: Seung Hyun Jeon (Kyung Hee University)</td>
<td>Sung-Hoo Hong (The Catholic University of Korea)</td>
</tr>
<tr>
<td></td>
<td>Retroperitoneal</td>
<td>Kwang Hyun Kim (Ewha Womans University)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Transperitoneal</td>
<td>Young Hwii Ko (Yeungnam University)</td>
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<td></td>
<td><strong>Panels:</strong> Sang Hyeon Cheon (University of Ulsan), Hyung Joon Kim (Konyang University), Dong Hyuk Kang (Inha University)</td>
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</tr>
<tr>
<td>16:00-16:20</td>
<td>RARP in various clinical scenario</td>
<td>Moderator: Ji Youl Lee (The Catholic University of Korea)</td>
<td>Cheol Kwak (Seoul National University)</td>
</tr>
<tr>
<td></td>
<td>Surgical tips to manage various challenging situations at RARP</td>
<td>Jinsung Park (Eulji University)</td>
<td></td>
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<tr>
<td></td>
<td>RARP in patient with recurrent prostate cancer after radical prostatectomy</td>
<td>Tae Nam Kim (Pusan National University)</td>
<td></td>
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<tr>
<td></td>
<td>How to improve oncological outcomes in patients with T3 prostate cancer (wide excision)</td>
<td>Kang Su Cho (Yonsei University)</td>
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<td></td>
<td><strong>Panels:</strong> In Ho Chang (Chung-Ang University), In Gab Jeong (University of Ulsan), Sung Gu Kang (Korea University)</td>
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<tr>
<td>Time</td>
<td>Session</td>
<td>Speaker</td>
<td>Institution</td>
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</tr>
<tr>
<td>09:00-09:40</td>
<td>What is preceptor role for urologist's</td>
<td>Eunbae B. Yang</td>
<td>Yonsei University, Department of Medical Education</td>
</tr>
<tr>
<td>09:40-10:00</td>
<td>How to educate residents training in clinic</td>
<td>Ji Yong Ha</td>
<td>Keimyung University</td>
</tr>
<tr>
<td>10:00-10:20</td>
<td>Education in operation room: when, what, how</td>
<td>Young Jae Im</td>
<td>Seoul National University</td>
</tr>
<tr>
<td>10:20-10:40</td>
<td>Coffee break</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10:40-11:00</td>
<td>Evaluation of residents: when and how</td>
<td>Wan Song</td>
<td>Sungkyunkwan University</td>
</tr>
<tr>
<td>11:00-11:20</td>
<td>Effective way of feedback</td>
<td>Gyeong Eun Min</td>
<td>Kyung Hee University</td>
</tr>
<tr>
<td>11:20-11:40</td>
<td>Managing training system in individual hospital</td>
<td>Sahyun Pak</td>
<td>Hallym University</td>
</tr>
<tr>
<td>11:40-12:00</td>
<td>Coffee break</td>
<td></td>
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<tr>
<td>12:00-13:00</td>
<td>Discussion</td>
<td></td>
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</tr>
</tbody>
</table>

지도전문의교육

지도전문의 정의

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

지도전문의교육 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.
### Basic CME 필수교육

**Room C (202+203) / 10:00~12:00**

**Moderator** Tae-Hwan Kim (Kyungpook National University)

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter</th>
<th>Affiliation</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00-10:30</td>
<td>Measures of the Department of Urology due to the legislation of CCTV installation in the operating room</td>
<td>Phil Hyun Song</td>
<td>Yeungnam University</td>
</tr>
<tr>
<td>10:30-11:00</td>
<td>Non-face-to-face Treatment Pilot Project in urology</td>
<td>Yeon-Joo Kim</td>
<td>Daegu Fatima Hospital</td>
</tr>
<tr>
<td>11:00-11:30</td>
<td>Scope of ultra-high-priced non-payment techniques in the field of urology and their attitude toward them</td>
<td>Sung Chul Kam</td>
<td>Gyeongsang National University</td>
</tr>
<tr>
<td>11:30-12:00</td>
<td>Nurse work-to-rule action from the urologist's point view</td>
<td>Taesoo Choi</td>
<td>Kyung Hee University</td>
</tr>
</tbody>
</table>

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### 2023년 연수교육 지침 변경 주요 사항

회원의 전문성 및 직업윤리의식 함양을 위하여 의료법 시행규칙 제20조에 의거 필수 과수이수기 수의무화 되었음.
(2018년 1월 1일부터 시행)

- 2019년 면허 신고대상자부터 적용.
- 일반과목 이수 외 필수과목 이수 2평점이 의무화되었음. (대상 : 전문의)
  (단, 3년마다 2시간 이상 이수, 면허신고자는 싸문 3년기간의 24평점 중 2평점은 필수교육 평점으로 이수해야 함.)
- 필수과목 교육프로그램 강의실에 별도의 입출결 관리 의무.(채류시간 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
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)

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
### Scientific Programs

#### 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>Topic</th>
<th>Speaker</th>
<th>Institution</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>The 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>Which TRT option is most appropriate for my patient with low testosterone</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>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>11:00-11:15</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>11:15-11:30</td>
<td>Bladder Preserving Management for Muscle-Invasive Bladder Cancer</td>
<td>Jacob See-Tong Pang</td>
<td>Chang Gung Memorial Hospital, Taiwan</td>
</tr>
<tr>
<td>11:30-11:45</td>
<td>Bladder Preserving Management for Muscle-Invasive Bladder Cancer</td>
<td>Christopher L. Amling</td>
<td>Oregon Health &amp; Science University, USA</td>
</tr>
<tr>
<td>11:45-12:00</td>
<td>Liquid Biopsies in Bladder Cancer: An Emerging Tool for Treatment Decision-Making</td>
<td>Lars Dyrskjøt Andersen</td>
<td>Aarhus University, Denmark</td>
</tr>
</tbody>
</table>
**Satellite Luncheon Symposium 3**

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

12:00-12:20 Why is individualizing management of LUTS/BPH important?  
Jae Heon Kim  
Soonchunhyang University

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**Thematic session 2: Renal Cell Carcinoma**

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

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

Debate: cytoreductive nephrectomy: What is the optimal timing?

13:00-13:04 Case presentation  
Sungchan Park  
University of Ulsan

13:04-13:17 Upfront  
Young Hyo Choi  
The Catholic University of Korea

13:17-13:30 Deferred  
Jung Kwon Kim  
Seoul National University

State-of-the-art lecture

13:30-13:45 Surgical treatment of renal tumors  
David Nikoleishvili  
American Hospital Tbilisi, Georgia

13:45-14:00 New landscape of treatment strategy for advanced renal cell cancer  
Yoshihiko Tomita  
Niigata University Hospital, Japan
# Scientific Programs

## Semi Live Surgery 2

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

### LUTS

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
<th>Institute</th>
</tr>
</thead>
<tbody>
<tr>
<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>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>
</tbody>
</table>

**Panels:** Myung Ki Kim (Jeonbuk National University), Cheol Young Oh (Hallym University), Ji Sung Shim (Korea University)

### Pediatrics

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
<th>Institute</th>
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</thead>
<tbody>
<tr>
<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>15:30-16:00</td>
<td>SP robotic pyeloplasty in pediatrics</td>
<td>Yong Seung Lee</td>
<td>Yonsei University</td>
</tr>
</tbody>
</table>

**Panels:** Sang Hoon Song (University of Ulsan), Jun Nyung Lee (Kyungpook National University), Doosang Kim (Soonchunhyang University)

### Andrology

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
<th>Institute</th>
</tr>
</thead>
<tbody>
<tr>
<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>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:** Min Chul Cho (Seoul National University), Hong Seok Shin (Daegu Catholic University), Sung Chul Kam (Gyeongsang National University)
Room B

**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

Room C

**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**
        - Jun Hyuk Hong
        - KUA President, University of Ulsan
        - 이종성 국회의원
        - 박미정 광주광역시의원
        - 박인숙 20대 국회의원
    - **Debate**: 10:10-10:55
      - **1. 노인 배뇨감염 안전센터 설립을 위한 예산안과 연구과제**
      - **Moderator**: Kweon Sik Min
        - (Inje University)
      - **Panels**: 지자체 공중 보건의료 지원단 및 의원실 주무관
    - **10:55-11:00**
      - Director of Elderly Healthcare Committee

### 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)
- **13:00-14:00**
  - **Work and life satisfaction of female urologists in Korea: the results of a survey**
  - Hye Jin Byun
  - Keimyung University

*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  Joo Yong Lee  
Yonsei University

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

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

**Plenary Session 3**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
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<th>Institution</th>
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</thead>
<tbody>
<tr>
<td>09:00-09:08</td>
<td>Daily highlight</td>
<td>Wan Song</td>
<td>Sungkyunkwan University</td>
</tr>
<tr>
<td>09:08-09:20</td>
<td>Transplanted kidney</td>
<td>Hyuk Jin Cho</td>
<td>The Catholic University of Korea</td>
</tr>
<tr>
<td>09:20-09:32</td>
<td>Horseshoe kidney</td>
<td>Jae Young Choi</td>
<td>Yeungnam University</td>
</tr>
<tr>
<td>09:32-09:44</td>
<td>Urinary diversion</td>
<td>Young Eun Yoon</td>
<td>Hanyang University</td>
</tr>
<tr>
<td>09:44-09:57</td>
<td><strong>State-of-the-art lecture</strong></td>
<td>Toh Charng Chee</td>
<td>Hospital Selayang, Malaysia</td>
</tr>
<tr>
<td>09:57-10:10</td>
<td>Percutaneous nephrolithotomy in Vietnam</td>
<td>Le dinh khanh</td>
<td>Hue University of Medicine and Pharmacy Hospital, Vietnam</td>
</tr>
<tr>
<td>10:10-10:14</td>
<td>Case presentation</td>
<td>Hye Jin Byun</td>
<td>Keimyung University</td>
</tr>
<tr>
<td>10:14-10:26</td>
<td>Radiotherapy first</td>
<td>Dong Gil Shin</td>
<td>Pusan National University</td>
</tr>
<tr>
<td>10:26-10:38</td>
<td>Artificial urinary sphincter first</td>
<td>Jang Hwan Kim</td>
<td>Yonsei University</td>
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<tr>
<td>Time</td>
<td>Session</td>
<td>Speaker</td>
<td>Institution</td>
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<tr>
<td>10:38-10:51</td>
<td>HoLEP for large volume prostates</td>
<td>Azimdjon N. Tursunkulov</td>
<td>Akfa Medline Hospital, Uzbekistan</td>
</tr>
<tr>
<td>10:51-11:04</td>
<td>Incontinence Services - An Australian Perspective</td>
<td>Helen O’Connell</td>
<td>Epworth Hospital, Australia</td>
</tr>
<tr>
<td>11:04-11:08</td>
<td>Case presentation</td>
<td>Kwanjin Park</td>
<td>Seoul National University</td>
</tr>
<tr>
<td>11:08-11:21</td>
<td>Pros</td>
<td>Sang Woon Kim</td>
<td>Yonsei University</td>
</tr>
<tr>
<td>11:21-11:34</td>
<td>Cons</td>
<td>Jae Min Chung</td>
<td>Pusan National University</td>
</tr>
<tr>
<td>11:34-11:47</td>
<td>Robotics in Pediatric Urology: Where we are in 2023</td>
<td>Aseem R. Shukla</td>
<td>Children’s Hospital of Philadelphia, University of Pennsylvania, USA</td>
</tr>
<tr>
<td>11:47-12:00</td>
<td>Testicular tissue preservation before the management of pediatric malignancy</td>
<td>Seung-Hun Song</td>
<td>CHA University</td>
</tr>
<tr>
<td>12:00-12:20</td>
<td>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)</td>
<td>Jung Ki Jo</td>
<td>Hanyang University</td>
</tr>
</tbody>
</table>
75th Annual Meeting of The Korean Urological Association

Scientific Programs

**DAY 3  3 Fri., November**

**Room A**

**Special Lecture**

Kim, Sae Chul's Awards

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

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**

National Insurance Strategy

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

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**

Endourology

*Room A (103) / 15:30~17:00*

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)
### Satellite Luncheon Symposium 7

**Room B (201) / 12:00~12:20**

**Moderator:** Sung-Hoo Hong  (The Catholic University of Korea)

<table>
<thead>
<tr>
<th>Time</th>
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</tr>
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<tbody>
<tr>
<td>12:00-12:20</td>
<td>Da Vinci SP Urology Surgery</td>
<td>Sungchan Park</td>
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<tr>
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<td>University of Ulsan</td>
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</table>

### Thematic session 3: Research

**Room B (201) / 14:00~15:00**

**Moderators:** Hyung-Lae Lee (Kyung Hee University)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenter</th>
</tr>
</thead>
<tbody>
<tr>
<td>14:00-14:15</td>
<td>Urinary microbiome between acute and chronic recurrent cystitis: what is the difference?</td>
<td>Woong Bin Kim</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Soonchunhyang University</td>
</tr>
<tr>
<td>14:15-14:30</td>
<td>Privacy Matters: Current Technology for Solving Privacy Issues of Artificial Intelligence in Medicine</td>
<td>Jungyo Suh</td>
</tr>
<tr>
<td></td>
<td></td>
<td>University of Ulsan</td>
</tr>
<tr>
<td>14:30-14:45</td>
<td>What should you know for genetic testing in prostate cancer: when, who, and how to test</td>
<td>Sang Hun Song</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Seoul National University</td>
</tr>
<tr>
<td>14:45-15:00</td>
<td>Exploration of research topics for meta-analysis on endourology and urologic cancer</td>
<td>Hae Do Jung</td>
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<td>Inje University</td>
</tr>
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Scientific Programs

**DAYS 3  3 Fri., November**

**Nurse Forum**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenter</th>
<th>Affiliation</th>
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</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>09:00-09:10</td>
<td>Congratulatory address</td>
<td>Jun Hyuk Hong</td>
<td>KUA president, University of Ulsan</td>
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</table>

**Common Urology Procedures**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenter</th>
<th>Affiliation</th>
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</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>
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**Break Time**

**Common Urologic Diseases: Urolithiasis**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenter</th>
<th>Affiliation</th>
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</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>
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</table>
### Satellite Luncheon Symposium 8

**Room C (202+203) / 12:00~12:20**

**Moderator:** Ho Kyung Seo (National Cancer Center)

12:00-12:20  **My first experience on urological surgery with newly advanced VEIII**

Se Young Choi  
Chung-Ang University

### UDS Workshop

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

**Moderator:** Jae Min Chung (Pusan National University)  
Minki Baek (Sungkyunkwan University)

#### Session I - Urodynamic testing in children

13:00-13:20  **Overview; Indications, technique, interpretation and significance**

Sang Woon Kim  
Yonsei University

13:20-13:40  **Pediatric UDS: Real practice**

Jieun Park  
Severance Children’s Hospital, Pediatric Bladder-Urethra Rehabilitation Clinic Nurse

13:40-14:00  **Clinical applications**

Yong Seung Lee  
Yonsei University

14:00-14:20  **Q&A**

14:20-14:40  **Coffee Break**

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

**Moderator:** Young-Suk Lee (Sungkyunkwan University)  
Kwang Jin Ko (Sungkyunkwan University)

14:40-15:00  **Overview; Indications, technique, interpretation and significance**

Sun-Ouck Kim  
Chonnam National University

15:00-15:20  **UDS: Real practice**

So Jeong Park  
Chonnam National University Hospital, Urodynamic Nurse

15:20-15:40  **Clinical applications**

Hee Seo Son  
Yonsei University

15:40-16:00  **Q&A**
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>
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</thead>
<tbody>
<tr>
<td>09:30-09:35</td>
<td>Welcome Remarks</td>
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<tr>
<td></td>
<td>Jun Hyuk Hong, MD, PhD</td>
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<tr>
<td></td>
<td>KUA President</td>
</tr>
<tr>
<td>09:30-09:35</td>
<td>Welcome Remarks</td>
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<tr>
<td></td>
<td>Aseem R. Shukla, MD</td>
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<td></td>
<td>AUA Associate Secretary</td>
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<tr>
<td>09:35-10:35</td>
<td>PEDIATRIC UROLOGY</td>
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<td></td>
<td>Congenital Urinary Tract Abnormalities</td>
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<td></td>
<td>• UPJ Obstruction, UVJ Obstruction (Megaureter)</td>
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<td></td>
<td>• Ureteroceles</td>
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<td></td>
<td>• Cystic Kidney Disease</td>
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<td>• Posterior Urethral Valves</td>
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<td>• Prune Belly Syndrome</td>
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<td>• Vesicoureteral Reflux</td>
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<td></td>
<td>Aseem R. Shukla, MD</td>
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<td>Children's Hospital of Philadelphia, University of Pennsylvania</td>
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<td>10:35-11:35</td>
<td>PROSTATE CANCER</td>
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<td></td>
<td>• Diagnosis and Screen, Staging, Imaging (including PSA Screening Controversies)</td>
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<tr>
<td></td>
<td>• Treatment of Localized Cancer (U.S. Stages A and B), Watchful Waiting, Radiation, Interstitial Irradiation, Surgery, Cryosurgery and Hormonal Therapy</td>
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<tr>
<td></td>
<td>• Treatment of Advanced Cancer (U.S. Stages C and D) and Treatment of Radiation Failure</td>
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<td>• DVT Prophylaxis</td>
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<td></td>
<td>Christopher L. Amling, MD</td>
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<td></td>
<td>Oregon Health &amp; Science University</td>
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<tr>
<td>11:35-12:35</td>
<td>URINARY TRACT INFECTIONS</td>
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<td></td>
<td>Yahir Santiago-Lastra, MD</td>
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<td></td>
<td>University of California San Diego Health</td>
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<tr>
<td>12:35-13:35</td>
<td>Lunch Break</td>
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<tr>
<td>13:35-14:45</td>
<td>BLADDER CANCER</td>
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<tr>
<td></td>
<td>• Staging and Risk Stratification of Muscle Invasive Bladder Cancer</td>
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<td></td>
<td>• Multidisciplinary Treatment including Radical Cystectomy, Lymphadenectomy, Peri-Operative Chemotherapy and Chemoradiation Therapy</td>
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<td>• Metabolic Derangements that Occur with Diversions</td>
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<td>• Other Bladder Sparing Treatments</td>
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<td></td>
<td>• Treatment of Metastatic Disease</td>
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<td>Christopher L. Amling, MD</td>
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<td>Oregon Health &amp; Science University</td>
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</tbody>
</table>
Scientific Programs

**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

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### Afternoon Break

15:45-16:00

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### 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

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17:00  
Closing Remarks  

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

---

**3F  COEX South**

1. Enter through East Gate or South Gate 2 on the 1st floor of COEX
2. Take the elevator or escalator to the 3rd floor
3. After checking the Information Banner, go to Room 300

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**KUA-AUA Resident Review Course**

**Download Lecture Materials**

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# KUA Speakers

## A

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<tr>
<th>Name</th>
<th>University</th>
<th>Role</th>
<th>Event</th>
<th>Date</th>
<th>Time</th>
<th>Location</th>
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<tbody>
<tr>
<td>Sun Tae Ahn</td>
<td>Korea University</td>
<td>Speaker</td>
<td>Nurse Forum</td>
<td>Nov. 3</td>
<td>09:30-09:50</td>
<td>Room C (202+203)</td>
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<tr>
<td></td>
<td></td>
<td>Panel</td>
<td>Semi Live Surgery 3</td>
<td>Nov. 3</td>
<td>15:30-17:00</td>
<td>Room A (103)</td>
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## B

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<th>Event</th>
<th>Date</th>
<th>Time</th>
<th>Location</th>
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<tbody>
<tr>
<td>Jae Hyun Bae</td>
<td>Korea 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>Sangrak Bae</td>
<td>The Catholic University of Korea</td>
<td>Speaker</td>
<td>Luncheon Symposium 5</td>
<td>Nov. 2</td>
<td>12:00-12:15</td>
<td>Room C (202+203)</td>
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<td></td>
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<td>Nov. 3</td>
<td>09:10-10:40</td>
<td>Room C (202+203)</td>
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<tr>
<td>Woong Jin Bae</td>
<td>The Catholic University of Korea</td>
<td>Speaker</td>
<td>Semi Live Surgery 2</td>
<td>Nov. 2</td>
<td>14:00-14:30</td>
<td>Room A (103)</td>
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<tr>
<td>Minki Baek</td>
<td>Sungkyunkwan University</td>
<td>Moderator</td>
<td>Semi Live Surgery 2</td>
<td>Nov. 2</td>
<td>15:00-16:00</td>
<td>Room A (103)</td>
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<td>Moderator</td>
<td>UDS Workshop</td>
<td>Nov. 3</td>
<td>13:00-14:40</td>
<td>Room C (202+203)</td>
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<tr>
<td>Seokhwan Bang</td>
<td>The Catholic University of Korea</td>
<td>Speaker</td>
<td>Plenary Session 1</td>
<td>Nov. 1</td>
<td>09:55-10:07</td>
<td>Room A (103)</td>
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<tr>
<td>Hye Jin Byun</td>
<td>Keimyung University</td>
<td>Speaker</td>
<td>Women’s Policy Workshop</td>
<td>Nov. 2</td>
<td>13:00-14:00</td>
<td>Room D (205A+B)</td>
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<td>Plenary Session 3</td>
<td>Nov. 3</td>
<td>10:10-10:14</td>
<td>Room A (103)</td>
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<tr>
<td>Seok-Soo Byun</td>
<td>Seoul National University</td>
<td>Moderator</td>
<td>Podium 8</td>
<td>Nov. 2</td>
<td>09:30-10:30</td>
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## C

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<th>Location</th>
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<tbody>
<tr>
<td>In Ho Chang</td>
<td>Chung-Ang University</td>
<td>Panel</td>
<td>Semi Live Surgery 1</td>
<td>Nov. 1</td>
<td>16:00-17:00</td>
<td>Room A (103)</td>
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<td></td>
<td></td>
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<td>Podium 9</td>
<td>Nov. 2</td>
<td>09:30-10:30</td>
<td>Room C (202+203)</td>
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<td>Sang Hyeon Cheon</td>
<td>University of Ulsan</td>
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<td>Semi Live Surgery 1</td>
<td>Nov. 1</td>
<td>15:00-16:00</td>
<td>Room A (103)</td>
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<tbody>
<tr>
<td>Hyuk Jin Cho</td>
<td>Speaker</td>
<td>Plenary Session 3</td>
<td>Nov. 3 (Fri.)</td>
</tr>
<tr>
<td>Kang Su Cho</td>
<td>Speaker</td>
<td>Semi Live Surgery 1</td>
<td>Nov. 1 (Wed.)</td>
</tr>
<tr>
<td>Min Chul Cho</td>
<td>Panel</td>
<td>Semi Live Surgery 2</td>
<td>Nov. 2 (Thu.)</td>
</tr>
<tr>
<td>Sung Yong Cho</td>
<td>Speaker</td>
<td>Semi Live Surgery 3</td>
<td>Nov. 3 (Fri.)</td>
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<tr>
<td>Young Sam Cho</td>
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<td>Podium 10</td>
<td>Nov. 2 (Thu.)</td>
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<td>Jae Young Choi</td>
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<td>Nov. 3 (Fri.)</td>
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<td>Jong Bo Choi</td>
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<td>Semi Live Surgery 2</td>
<td>Nov. 2 (Thu.)</td>
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<tr>
<td>Se Young Choi</td>
<td>Speaker</td>
<td>Luncheon Symposium 8</td>
<td>Nov. 3 (Fri.)</td>
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<tr>
<td>Taesoo Choi</td>
<td>Speaker</td>
<td>Basic CME 필수교육</td>
<td>Nov. 1 (Wed.)</td>
</tr>
<tr>
<td>Young Hyo Choi</td>
<td>Speaker</td>
<td>Thematic session 2</td>
<td>Nov. 2 (Thu.)</td>
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<tr>
<td>Min Soo Choo</td>
<td>Panel</td>
<td>Ultrasound Hands-on Course</td>
<td>Nov. 1 (Wed.)</td>
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<td>Jae Min Chung</td>
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<td>Nov. 3 (Fri.)</td>
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<td>Jinsoo Chung</td>
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<td>Nov. 1 (Wed.)</td>
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<td>Hong Koo Ha</td>
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<td>Nov. 1 (Wed.)</td>
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<tr>
<td>Ji Yong Ha</td>
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<td>Faculty CME 지도 전문의 교육</td>
<td>Nov. 1 (Wed.)</td>
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<td>U-Syn Ha</td>
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<td>Byoung Kyu Han</td>
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<td>Meet the Expert 5</td>
<td>Nov. 3 (Fri.)</td>
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<tr>
<td>Chang Hee Han</td>
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<td>Nov. 1 (Wed.)</td>
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<tr>
<td>Deok-Hyun Han</td>
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<td>Podium 6</td>
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<tr>
<td>Junhyun Han</td>
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<td>Podium 16</td>
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<td>Nov. 2 (Thu.)</td>
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<td>Bumsik Hong</td>
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<td>Nov. 3 (Fri.)</td>
</tr>
<tr>
<td>Jun Hyuk Hong</td>
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<td>Women's Policy Workshop</td>
<td>Nov. 2 (Thu.)</td>
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<td>Nov. 2 (Thu.)</td>
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<td>Nov. 1 (Wed.)</td>
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<td>Eu Chang Hwang</td>
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<td>Faculty CME 지도전문의교육</td>
<td>Nov. 1 (Wed.)</td>
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## KUA Speakers

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<tr>
<th>Name</th>
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<td>Nov. 2 (Thu.), 13:00-14:00</td>
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<td>Nov. 1 (Wed.), 15:00-16:00</td>
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Moderator Plenary Session 3: Nov. 3 (Fri.), 09:00-12:00 / Room A (103)

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Panel Semi Live Surgery 1: Nov. 1 (Wed.), 15:00-16:00 / Room A (103)

Panel Semi Live Surgery 1: Nov. 1 (Wed.), 15:00-16:00 / Room A (103)

Moderator Podium 14: Nov. 2 (Thu.), 14:00-15:00 / Room C (202+203)

Moderator Podium 6: Nov. 1 (Wed.), 16:00-17:00 / Room B (201)

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Panel Ultrasound Hands-on Course: Nov. 1 (Wed.), 09:00-12:00 / Room D (205A+B)

Panel Ultrasound Hands-on Course: Nov. 1 (Wed.), 09:10-09:30 / Room D (205A+B)

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Panel Ultrasound Hands-on Course: Nov. 1 (Wed.), 09:00-12:00 / Room D (205A+B)

Panel Podium 18: Nov. 2 (Thu.), 16:00-17:00 / Room C (202+203)

Speaker Plenary Session 3: Nov. 3 (Fri.), 10:26-10:38 / Room A (103)
## KUA Speakers

### Jong Wook Kim
Korea University  
**Moderator**  
Plenary Session 1  
Nov. 1 (Wed.), 09:00-12:00 / Room A (103)

**Speaker**  
Plenary Session 1  
Nov. 1 (Wed.), 09:15-09:27 / Room A (103)

### Jung Kwon Kim
Seoul National University  
**Speaker**  
Thematic session 2  
Nov. 2 (Thu.), 13:17-13:30 / Room A (103)

### Kun Suk Kim
University of Ulsan  
**Speaker**  
Meet the Expert 2  
Nov. 2 (Thu.), 08:00-09:00 / Room E2 (209B)

### Kwang Hyun Kim
Ewha Womans University  
**Speaker**  
Semi Live Surgery 1  
Nov. 1 (Wed.), 15:00-16:00 / Room A (103)

### Myung Ki Kim
Jeonbuk National University  
**Panel**  
Semi Live Surgery 2  
Nov. 2 (Thu.), 14:00-15:00 / Room A (103)

### Sang Woon Kim
Yonsei University  
**Speaker**  
Plenary Session 3  
Nov. 3 (Fri.), 11:08-11:21 / Room A (103)

**Speaker**  
UDS Workshop  
Nov. 3 (Fri.), 13:00-13:20 / Room C (202+203)

### Soo Woong Kim
Seoul National University  
**Moderator**  
Podium 13  
Nov. 2 (Thu.), 14:00-15:00 / Room B (201)

### Su Jin Kim
Hallym University  
**Speaker**  
Plenary Session 1  
Nov. 1 (Wed.), 10:56-11:09 / Room A (103)

### Sun Il Kim
Ajou University  
**Moderator**  
Podium 2  
Nov. 1 (Wed.), 14:00-15:00 / Room B (201)

**Speaker**  
Meet the Expert 1  
Nov. 2 (Thu.), 08:00-09:00 / Room E1 (209A)

### Sun-Ouck Kim
Chonnam National University  
**Speaker**  
Plenary Session 2  
Nov. 2 (Thu.), 09:38-09:51 / Room A (103)

**Moderator**  
Podium 12  
Nov. 2 (Thu.), 13:00-14:00 / Room B (201)

**Speaker**  
UDS Workshop  
Nov. 3 (Fri.), 14:40-15:00 / Room C (202+203)

### Tae Heon Kim
CHA University  
**Panel**  
Semi Live Surgery 3  
Nov. 3 (Fri.), 15:30-17:00 / Room A (103)

### Tae Hyo Kim
Dong-A University  
**Moderator**  
KUA-Korean Public Health Policy Institute Joint Session  
Nov. 2 (Thu.), 10:00-11:00 / Room D (205A+B)

**Speaker**  
KUA-Korean Public Health Policy Institute Joint Session  
Nov. 2 (Thu.), 10:10-10:20 / Room D (205A+B)

**Moderator**  
Podium 15  
Nov. 2 (Thu.), 15:00-16:00 / Room B (201)

### Tae Nam Kim
Pusan National University  
**Speaker**  
Semi Live Surgery 1  
Nov. 1 (Wed.), 16:20-16:40 / Room A (103)

**Moderator**  
Basic CME 필수교육  
Nov. 1 (Wed.), 10:00-12:00 / Room C (202+203)

### Tae-Hwan Kim
Kyungpook National University  
**Panel**  
Semi Live Surgery 1  
Nov. 1 (Wed.), 14:00-15:00 / Room A (103)
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<td>Woong Bin Kim</td>
<td>Soonchunhyang University</td>
<td>Speaker</td>
<td>Nurse Forum</td>
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<td>Yeon-Joo Kim</td>
<td>Daegu Fatima Hospital</td>
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<td>Basic CME 필수교육</td>
<td>Nov. 1 (Wed.)</td>
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<td>The Catholic University of Korea</td>
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<td>Special Lecture (National Insurance Strategy)</td>
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# KUA Speakers

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<td>Cheryn Song</td>
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Enhancing Urology with Expertise, Innovation and Passion

ABSTRACTS

KUA
2023

QR Code
1 Wed., November  Room B (201)  13:00~14:00

Podium Session 1. LUTS/BPH (1)
Moderator: Dong Gil Shin (Pusan National University), Mimi Oh (Korea University)

Medical therapy (1)

O-001  (13:00~13:03) 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 Park1,2, Jongchan Kim1,3, Won Sik Jang1, Kang Su Cho6, Seung Hwan Lee1, Woong Kyu Han1, Won Sik Ham1

1 Department 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, Yongin Severance Hospital, Yongin University Health System, 4Department of Urology, Gangnam Severance Hospital, Yonsei University College of Medicine

O-002  (13:03~13:06) Impact of medical treatment on storage vs voiding symptoms and nocturia frequency: a dynamic nomogram N=9166 men with prostatic enlargement

Juan Manuel Palacios-Moreno1, Claus G Roehrborn2, Chandrashekhar Chavan3, Stavros Gravas4, Matthias Oelke3, Marcio Augusto Averbeck5, Arunangshu Biswas6, Llenalia María García7, Vanessa Cortés8

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. 4Department of Urology, Medical School, University of Cyprus, Nicosia, Cyprus, Greece. 5Department of Urology, St. Antonius Hospital, Gronau, Germany. 6Department of Urology, Moinhos De Vento Hospital, Porto Alegre, Brazil. 7Department of Biostatistics, Glaxosmithkline, India. 8Department of Advanced Analytics, Access Consulting Parexel, 9Department of Global Medical Affairs Urology, Glaxosmithkline, Colombia

O-003  (13:06~13:09) 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

13:09~13:15 Discussion

Medical therapy (2)

O-004  (13:15~13:18) Factors considered by experienced urology specialists when selecting alpha blockers for LUTS/BPH patients according to age

Hyomyoung Lee1, Jung Hoon Lee3, Min Soo Choo2, Min Chul Cho3, Hwancheol Son2, Hyeon Jeong2, Sangjun Yoo2

1Department of Urology, Seoul National University Hospital, Seoul, Korea. 2Department of Urology, Seoul National University Boramae Medical Center, Seoul, Korea

O-005  (13:18~13:21) 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 Chung1,2,3, 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

O-008
Hyeon Woo Kim1,2, Kyoungha Jang2, Jihoon Park1, Woosop Seong3, Seunghyeon Kim2, 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
Woosop 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

O-010
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
1 Department of Urology, Cha Fertility Center Gangnam, Cha Gangnam Medical Center, Cha University, 2 Department 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 ureteroneocystostomy 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
1 Department of Urology, Armed Forces Yangju Hospital, Korea, 2 Department of Urology, Korea University Ansan Hospital

V-006  Holmium laser enucleation of the Prostate as treatment for UroLift complications
Seyi Yoo2, Jae yeon Kim2, Yun Ha Lee2, Danbee Lee2, Jae Min Chung1,2, Sang Don Lee1,2, Won Hoon Song1,2, Jong Kil Nam1,2, Sung-woo Park1,2, Seungsoo Lee1,2
1 Department of Urology, Pusan National University, 2 Department 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
1 Department of Surgery, Universiti Teknologi MARA (UiTM) Sungai Buloh, Malaysia, 2 Department of Surgery, University of Malaya Medical Centre (UMMC), Kuala Lumpur, Malaysia
V-008 Wearable Bladder Monitoring Patch in Neurogenic bladder patients
Aram Kim1,2, Sehwan Kim1,2, Byeong-II Kang1,2, Jesse Lam1,4, Jeonghun Kim6, Seung-Hee Han2, Kelsey Tu1, Jae-Ryun Park1, Woo Suk Choi1, 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 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
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
Jong Hyun Pyun1, Young Hwii Ko3, 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
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
Jang Hee Han1, Chang Wook Jeong1, Seok-Soo Byun2, Hanjong Ahn3, Seong Soo Jeon4, Tae Gyun Kwon1, Jae Young Joung5, Sunil Kim1, 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
O-016  Diagnostic performance of polygenic risk score combined model for prostate cancer in Korean men undergoing prostate biopsy
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, 5Department of Public Health, Seoul National University Graduate School of Public Health, Seoul, Korea, 6Department of R&D Center, Procagen, Gyeonggi-Do, Korea, 7Department 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
Jae Yon Kim1,2, Seong Soo Jeon3, Jae Hoon Chung3, Seung Soo 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, 3Department of Urology, Samsung Medical Center

O-018  CT guided prostate biopsy in patients with absent rectum
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
Jong Hoon Lee, Chung Un Lee, Jae Hoon Chung, Minyong Kang, Hyun Hwan Sung, Byong Chang Jeong, Seong Il Seo, Seong Soo Jeon, Hyun Moo Lee, Hwang Gyun Jeon
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
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
Suki Jung 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**  
**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 Kim3, Kyoung ha Jang1, Woo seop Seong3, 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  
14:53-14:55 Discussion

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**  
**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 Kim1, Jeong Seok Oh1, Yun Sok Ha1, Seoek Hwan Choi1, Jun Nyung Lee1, 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 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**  
**Development of non-invasive screening biomarkers for small aggressive clear cell renal cell carcinoma**  
Jee Soo Park1,2, Jongsoo Lee1, Seung Hwan Lee1, Jongchan Kim1,3, Won Sik Jang1, Kwang Suk Lee4, Kyo Chul Koo4, Kang Su Cho5, 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  
14:06-14:10 Discussion
ABSTRACTS
75th Annual Meeting of The Korean Urological Association

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 Song1, Se Yi Yoo1, Young Hye Lee1, Young Kim1, Dan Bee Lee1, Seung Soo Lee1, Jong Kil Nam2, Sung Woo Park2, Seung Park2
1Department of Urology, Pusan National University Yangsan Hospital, 2Department of Computer Engineering, Kyungnam University

14:19-14:25 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-Jeong 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 Hwang1, Sang Hun Song1, Jong Ho Park1, Haesung Lee1, Jung Kwon Kim1, Chang Wook Jeong2, Tae Gyun Kwon3, Eu Chang Hwang4, Seok Ho Kang5, Jinsoo Chung6, Yong-June Kim1, Sung-Hoo Hong8, Seok Soo Byun1, KORCC study group1
1Department of Urology, Seoul National University Bundang Hospital, 2Department of Urology, Seoul National University of Hospital, 3Department of Urology, Kyungpook National University Medical Center, 4Department of Urology, Chonnam National University Hwasun Hospital, 5Department of Urology, Korea University Medical Center, 6Department of Urology, National Cancer Center, 7Department of Urology, Chungbuk National University College of Medicine, 8Department 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
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 Kim1, Bosik Kang2, Yu Seon Kim3, Yunhwa Cha3, Myoung Jin Jang4, Donghwan Bae5, Dalsan You3
1Department of Urology, Hallym University Dongtan Sacred Heart Hospital, Hwaseong, 2Department of Urology, Asan Medical Center, University of Ulsan College of Medicine, Seoul, 3Department of Urology, Asan Medical Institute of Convergence Science and Technology, Asan Medical Center, University of Ulsan College of Medicine, Seoul, 4Department of NA, Asan Institute for Life Sciences, Asan Medical Center, Seoul, 5Department of NA, LIVSMED, Seongnam
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 fuhrman 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 Lee2, 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 Lee*, Min Chul Cho, Soo Woong Kim, Hwancheol Son

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

15:21-15:25 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

15:31-15:35 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
**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 Yoon3, Bohyun Kim3

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

**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, Choung-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

**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

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

**Discussion**

**Best Presentation Awards**

**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**
(15:00-15:03)
In the case of isolated prenatal hydronephrosis, the shape of the renal pelvis as a predictor of postnatal surgery
**Zafar Abdullaev**1,2, **Saidanvar Agzamkhodjaev**1,2, **Komron Khidoyatov**1, **Akmal Rakhmatullaev**2, **Sergey Bondarenko**3
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 №, Volgograd, Russian Federation

**Discussion**

Lower - VUR

**O-046**
(15:05-15:08)
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**
(15:08-15:11)
Maximizing robotic extravesical ureteral reimplantation success: the synergistic impact of ureteral adventitia inclusion and robust distal end detrusorrhaphy 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**
(15:11-15:14)
An analysis of the value of video urodynamic study in children with vesicoureteral reflux without associated anomalies
**Kyung Tak Oh**1, **Yong Seung Lee**2, **Sang Woon Kim**1, **Jieun Park**2, **Jeongeun Ji**2, **Yoonhye Ji**2, **Sang Won Han**1,3
1 Department of Urology and Urological Science Institute, Yonsei University College of Medicine, Seoul, Korea, 2 Department of Pediatric Urology, Severance Children’s Hospital, 3 Department of Urology, Cha University School of Medicine

**Discussion**

Lower - Bladder function (1)

**O-049**
(15:20-15:23)
Effects of parental holding on pain response in young children during cystometry: a randomized controlled trial
**Jieun Park**1,2, **Hyejung Lee**3, **Sang Won Han**1,3, **Eun Kyong Choi**3
1 Department of Graduate School of Nursing, Yonsei University, 2 Department of Pediatric Bladder-Urethra Rehabilitation Clinic, Pediatric Urology, Severance Children’s Hospital, Yonsei University Healthcare System, 3 Department of College of Nursing, Mo-Im Kim Nursing Research Institute, Yonsei University, 4 Department of Urology and Urological Science Institute, Yonsei University College of Medicine, 5 Department of Urology, CHA Gangnam Medical Center, CHA University
O-050  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  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  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  Analysis of bladder function based on the presence of anorectal malformation in patients who underwent filum terminale lipoma removal surgery  
Jieun Park1, Yoonhye Ji2, Jeoung Eun Ji3, 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  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  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 Kim3, 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
1 Wed., November

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

Stone epidemiology

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 Kang4, Hae Do Jung5, Joo Yong Lee4

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.

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

Discussion

Stone detection

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
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 Kim1, Kwang Suk Lee1, 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
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 Lee3, Young Joon Moon3, Jae-Wook Chung3, Yun-Sok Ha3, Seok-Hwan Choi1, Jun Nyung Lee1, Hyun Tae Kim1, Eun Sang Yoo3, Jae-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
Utilizing transfer learning to improve urolithiasis detection efficiency

Hyun Seok Na1, Ji Yong Lee1, Seung Woo Yang1, 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
**ABSTRACTS**

16:19-16:25  Discussion

### Asymptomatic stone

**O-061**  
(16:25-16:28)  
The natural history of asymptomatic small remnant stones (< 1 cm) 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**  
(16:28-16:31)  
A comparison between asymptomatic and symptomatic ureteral stones  
Chang Wan Hyun1, Jae Young Hwang1, Seong Woo Yun1, Tae Young Park1, Sung Goo Yoon1, Seung Bin Kim1, Tae Il Noh1, Jong Hyun Pyun2, Ji Sung Shim1, Seok Ho Kang1, Sung Gu Kang1  
1Department of Urology, Anam Hospital, Korea University College of Medicine, Seoul, Korea, 2Department of Urology, Sungkyunkwan University School of Medicine, Seoul, Korea

16:31-16:35  Discussion

### Treatment & Prognosis

**O-063**  
(16:35-16:38)  
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**  
(16:38-16:41)  
Is pelvic urine culture related to stone compositions and postoperative febrile urinary tract infection after percutaneous nephrolithotomy?  
Jae Yeon Kim2, Seyi Yoo2, Yun Ha Lee1, Danbee Lee2, Won Hoon Song1,2, Sung-Woo Park1,2, Jong Il 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**  
(16:41-16:44)  
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 Shin1, 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**  
(16:44-16:47)  
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

16:47-16:55  Discussion
1 Wed., November  

Moderator: Jongkil Nam (Pusan National University), Hyun Hwan Sung (Sungkyunkwan University)  

Big data

O-067  
(16:00-16:03)  
**Prognosis of the first cystoscopy follow-up within 6 months in non-muscle invasive bladder cancer**  
Chung Beum Wee, Jong Hyun Tae, In Ho Chang, Tae-Hyoun 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  
(16:03-16:06)  
**Association of 5α-reductase inhibitors with bladder cancer prognosis: a propensity score 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 Il Noh, Ji Sung Shim, Sung Gu Kang, Seok Ho Kang  
Department of Urology, Anam Hospital, Korea University College of Medicine, Seoul, Korea

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

16:09-16:15  
Discussion

Biomarker & prognosis

O-070  
(16:15-16:18)  
**Clinical validation of the proenkephalin (PENK) methylation urine test for monitoring recurrence of non-muscle invasive bladder cancer**  
SeungWoo Jeong1, Hyunho Han1, Tae Jeong Oh2, Ji Eun Heo1, Jongsoo Lee1, Won Sik Jang1, Seung Hwan Lee3, Won Sik Ham2, Jaehee Hwang3, Sungwhan An3, Young-Deuk Choi1  
1 Department of Urology, Urological Science Institute, Yonsei University College of Medicine, Seoul, Korea, Yonsei University College of Medicine, 2 Department of Genomictree, Inc, Genomictree, Inc., Daejeon, Korea
O-071 (16:18-16:21) 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, Ki Hak Song1, Jong Mok Park2, Khae Hwan Kim1, Yong Gil Na3, Tae Jeong Oh4, Yangyei Seo5, Min A Woo5, Sungwhan An5, Ji Yong Lee5
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., 44-10 Techno Yuseong-gu Daejeon, South Korea

O-072 (16:21-16:24) 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 Kim2, Kyung Jin Oh1, Seung Il Jung2, Taek Won Kang3, Dongdeuk Kwon2, Kwangsung Park3
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, Gwangju, Korea., 3Department of Urology, Chonnam National University Medical School, Chonnam National University Hospital, Gwangju, Korea.

O-073 (16:24-16:27) 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 (16:35-16:38) 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 Kim1, Yong Seong Lee1, Se Young Choi4, In Ho Chang4, Young Hwi Ko5, Wan Song6, Byung Chang Jeong6, Jong Kil Nam7
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, Yeungnam University College of Medicine, Daegu, Korea., 6Department of Urology, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Korea., 7Department of Urology, Pusan National University Yangsan Hospital, School of Medicine, Pusan National University, Yangsan, Korea

O-075 (16:38-16:41) Comparison of intravesical gemcitabine-docetaxel and re-induction BCG as salvage therapy for bladder cancer
Kylie Lim1, Gavin Wei1, Jincy Kuriakose1, Obaid Fazli2, David Pook1, 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

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 (16:44-16:47) 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

Discussion
2 Thu., November

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
Jung Hoon Kim, Chung Beum Wee, Jong Hyun Tae, In Ho Chang, Tae-Hyoun 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
In Ho Chang\(^1\), Sejung Maeng\(^1\), Jung Hoon Kim\(^1\), Jong Hyun Tae\(^1\), Joongwon Choi\(^1\), Se Young Choi\(^1\), Mi Jeong Kim\(^2\), Hyungwon Moon\(^3\), Hak Jong Lee\(^1,4,5\)
\(^1\)Department of Urology, Chung-Ang University, \(^2\)Department of Radiology, Seoul National University Bundang Hospital, \(^3\)Department of R&D Center, Imgt Co., Ltd, \(^4\)Department of Institute of Radiation Medicine, Seoul National University Medical Research Center, \(^5\)Department of Medical Device Development, Seoul National University

Discussion

O-080
A metatranscriptomic and metabolomic study reveals Bifidobacterium species BB_003 possesses antitumor immunity and the mechanisms behind it
Kyungchan Min\(^1\), Chuangming Zheng\(^1\), Young Joon Byun\(^1\), Xuan-Mei Piao\(^1\), Kyeong Kim\(^1\), Hee Youn Lee\(^1\), Ho Won Kang\(^1\), Won Tae Kim\(^1\), Yong-June Kim\(^1\), Sang Cheol Lee\(^1\), Wun-Jae Kim\(^1,2\), Hansoo Park\(^1\), Seok-Joong Yun\(^1\)
\(^1\)Department of Urology, College of Medicine, Chungbuk National University, \(^2\)Department of Urology, Urotech Co, \(^3\)Department of Biomedical Science and Engineering, Gwangju Institute of Science and Technology

Discussion

Prostate cancer (1)

O-081
Development of 3D prostate cancer cell culture and organoid production and anticancer drug sensitivity
Won Hoon Song\(^1\), Se Yi Yoo\(^1\), Youn Ha Lee\(^1\), Jae Yeon Kim\(^1\), Dan Bee Lee\(^1\), Seung Soo Lee\(^1\), Jong Kil Nam\(^1\), Sung Woo Park\(^1\), Sik Yoon\(^2\)
\(^1\)Department of Urology, Pusan National University Yangsan Hospital, \(^2\)Department of anatomy, School of medicine, Pusan National University
<table>
<thead>
<tr>
<th>O-082</th>
<th>Normal and cancerous prostate cells induce the polarization of M0 macrophages into M2 macrophages: a study using 3-dimensional cell culture systems</th>
</tr>
</thead>
<tbody>
<tr>
<td>(09:48-09:51)</td>
<td>Eun Ji Seok¹, Soohyun Kim¹, Jae Duck Choi², Jun Ho Lee², Hyunwon Yang³, Tag Keun Yoo³</td>
</tr>
<tr>
<td></td>
<td>¹Department of Biohealth convergence, Seoul Women’s University, ²Department of Urology, Nowon Eulji Medical Center, Eulji University</td>
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| 09:51-09:55 | Discussion |

| Prostate cancer (2) |

<table>
<thead>
<tr>
<th>O-083</th>
<th>Olaparib plus ginsenoside compound K induces DNA damage-triggered apoptosis in castration resistant prostate cancer</th>
</tr>
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<tbody>
<tr>
<td>(09:55-09:58)</td>
<td>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</td>
</tr>
<tr>
<td></td>
<td>¹Department of Urology, Hanyang University College of Medicine, Korea, ²Department of Translational Medicine, Hanyang University Graduate School of Biomedical Science &amp; Engineering, Korea</td>
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| 10:01-10:05 | Discussion |

| Prostate cancer (3) |

<table>
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<tr>
<th>O-084</th>
<th>DRG2 level in prostate cancer cell lines predicts response to PARP inhibitor</th>
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<tr>
<td>(09:58-10:01)</td>
<td>Jeong Min Lee¹, Won Hyeok Lee¹, Sang Hun Lee³, Sungchan Park², Seong Cheol Kim²</td>
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<td>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 &amp; Gynecology, Ulsan University Hospital, University of Ulsan College of Medicine</td>
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| 10:11-10:15 | Discussion |

| RCC |

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<tr>
<th>O-085</th>
<th>Determinant of aggressive phenotype in metastatic hormone sensitive prostate cancer depends on the intrinsic highly aggressive cell cluster using single-cell RNA sequencing</th>
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<td></td>
<td>Department of Urology, Samsung Medical Center, Sungkyunkwan University School of Medicine</td>
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| 10:11-10:15 | Discussion |

<table>
<thead>
<tr>
<th>O-086</th>
<th>Epidermal growth factor-like domain 7 inhibit immune response in metastatic castration resistant prostate cancer by de-activation of endothelial intercellular adhesion molecule-1</th>
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<td>(10:08-10:11)</td>
<td>Danbee Lee¹, Ji Young Lee³, Sung-Woo Park¹,²</td>
</tr>
<tr>
<td></td>
<td>¹Department of Urology, Pusan National University, ²Department of Urology, Pusan National University Yangsan Hospital</td>
</tr>
</tbody>
</table>

| 10:11-10:15 | Discussion |

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<thead>
<tr>
<th>PD-1 inhibitor plus oncolytic virus is effective and safe treatment option for metastatic renal cell carcinomas</th>
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<tbody>
<tr>
<td>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</td>
</tr>
<tr>
<td>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.</td>
</tr>
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</table>
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
1 Department of Urology, Sir Charles Gardiner Hospital, 2 Department of Urology, St John of God Hospital, 3 Department 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

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 Yu2,4, Sung Jin Kim1,2, Jong Yeon Park1
1 Department of Urology, Gangneung Asan Hospital, University of Ulsan College of Medicine, Gangneung, Korea, 2 Department of Bio-Medical Institute of Technology, University of Ulsan, Seoul, Korea, 3 Department of Urology, Asan Medical Center, University of Ulsan College of Medicine, Seoul, Korea, 4 Department of Nephrology, Gangneung Asan Hospital, University of Ulsan College of Medicine, Gangneung, Korea

09:30-10:30

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 Lee1, Hyun Hwan Sung1
1 Department of Urology, Samsung Medical Center, Sungkyunkwan University School of Medicine, 2 Department of Urology, Armed Forces Pocheon Hospital

09:36-10:36

Complications & Perioperative care of radical cystectomy

O-091  Development and evaluation of a navigation program for invasive bladder cancer patients
Jongmin Lee1, JuHee Lee2, Jeongok Park3, Yeonhee Kim4, Bumsik Hong5
1 Department of Nursing, Asan Medical Center, 2 Department of Nursing, Yonsei University, 3 Department of Nursing, Yonsei University, 4 Department of Nursing, Ulsan University, 5 Department of Urology, Ulsan University

09:40-10:40
O-092  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

O-093  Lymphatic Embolization for post-operative lymphatic leakage after Radical Cystectomy  
Yoo Sub Shin1, Jinhyeong Jeon2, Sung Ku Kang2, Jong Soo Lee1, Jongchan Kim2,  
Won Sik Jang1, Won Sik Ham1, Ji Eun Heo1  
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

09:49–09:55  Discussion

Neoadjuvant therapy

O-094  The effectiveness of neoadjuvant atezolizumab in MIBC  
Seung-hwan Jeong1,2, Joo Ho Lee1, Hong Hee Han1,2, Hyeong Dong Yuk1,2, Chang Wook Jeong1,2,  
Cheol Kwak1,2, Ja Hyeon Ku1,2  
1Department of Urology, Seoul National University Hospital, 2Department of Urology, Seoul National University College of  
Medicine

O-095  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

10:04–10:10  Discussion

Robotic radical cystectomy

O-096  Comparison of Postoperative Complications within 90 Days After Radical Cystectomy According  
to Neoadjuvant chemotherapy  
Seyi Yoo1,2, Yun Ha Lee1,2, Jae Yeon Kim1,2, Danbee Lee1,2, Won Hoon Song1,2,  
Seung Soo Lee1,2, Sung Woo Park1,2, Jong Kil Nam1,2  
1Department of Urology, Pusan National University Yangsan Hospital, 2Department of Medicine, Pusan National University,  
Korea

10:10–10:13  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
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 Yul1, 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

Younsou 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

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

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

Hana Yoon1, Myoung Kim1, Su Jin Kim2
1Department of Urology, Ewha Womans University College of Medicine, 2Department of Urology, Hallym University College of Medicine

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**  
(10:45-10:48)  
The impact of pelvic radiation treatment on the survival of artificial urinary sphincter  
*Jong Hoon Lee, Byoung hun Lee, Seongik Choi, Kyu-Sung Lee, Kwang Jin Ko*  
Department of Urology, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Korea

**O-104**  
(10:48-10:51)  
A Novel Incisionless Disposable Vaginal Device for Female Stress Urinary Incontinence  
*Hyo Seok Kang1, Ji Yong Lee2, Seung Woo Yang1, Jong Mok Park1, Khae-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**  
(10:51-10:54)  
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**  
(11:00-11:03)  
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**  
(11:03-11:06)  
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**  
(11:06-11:09)  
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**  
(11:15-11:18)  
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
O-110  Analysis of changes and trends in catheterization in Korea in the last 10 years: population based Big DataAnalysis
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,
2Department of Urology, Woonju Severance Christian Hospital, 3Department of Urology, 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
Sooeon Park1, Jin Bong Choi1, Sang Rak Bae2, Seung-Ju Lee2
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,
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

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 Kim4, Sang Woon Bae5, Jian Hur5, Yoon Soo Park5, 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, Yongin Severance Hospital, Yongin University College of Medicine, Gyeonggi-Do, Korea, 7Department of Laboratory Medicine, Yongin Severance Hospital, Yongin 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

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 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, Inchon, Korea, 6Department of Urology, Inje University Ilsan Paik Hospital, Inje University College of Medicine, Goyang, Korea
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 Jung¹
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 Il 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

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, Hoyoung BAE, Sang Hyeon Cheon, Kyung Hyun Moon, Seong Cheol Kim, Taekmin Kwon, Sunghan 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 Kang4
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

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 Rakhmatullaev3, Ruslan Batrutdinov3
1Department of Urology, National Children’s Medical Center, Uzbekistan, 2Department of Pediatric Surgery, Tashkent Pediatric Medical Institute, Uzbekistan, 3Department of Urology, Scandinavia Hospital, Russia

Genital - penis

O-126  (13:20~13:23)
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
## O-128
### Investigating the relationship between BMI and penile parameters, testicular volume, and their clinical implications

Danbee Lee, Jae Min Chung, Sang Don Lee

1 Department of Pediatric Urology, Pusan National University Yangsan Children’s Hospital, 2 Department of Urology, Pusan National University Yangsan Hospital

**Discussion**

### Genital - testis

## O-129
### 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
### Testicular location score in the retractile testes

Jae Min Chung, Sang Don Lee

1 Department of Urology, Pusan National University Yangsan Hospital, 2 Department of Pediatric Urology, Pusan National University Children’s Hospital

## O-131
### The prognosis of partial orchiectomy in prepubertal boys

Seung Chan Kwon, Sang Woon Kim, Mi-Jung Lee, Haesung Yoon, Jae Ok Baek, Yong Seung Lee, Sang Won Han

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
### Comparison of testis volume before and after hydrocelectomy measured by ultrasonography in boys

Taehyung Kim, Sun-Ouck Kim, Do Gyeong Lim, Seong Hyeon Yu, Ho Seok Chung, Eu Chang Hwang, Kyung Jin Oh, Seung Il Jung, Taek Won Kang, Dongdeuk Kwon, Kwangsung Park

1 Department of Urology, Chonnam National University Medical School, Gwangju, Korea, 2 Department of Urology, Chonnam National University Medical School, Hwasun, Korea

**Discussion**

### Best Presentation Awards

13:55-14:00 **Best Presentation Awards**
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, Chag 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 Han1, 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, Kwangsung 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

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<tr>
<th>O-133</th>
<th>Comparison of 2 methods for robotic assisted gender affirming vaginoplasty; 2 year follow-up in Korea</th>
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<tbody>
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<td>(14:00-14:03)</td>
<td>Hyun Cheol Jeong, Kyungtae Ko, Su Jin Kim, Dae Yul Yang</td>
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<td>Department of Urology, Kangdong Sacred Heart Hospital</td>
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<th>O-134</th>
<th>IPP under local anesthesia, multistep approach</th>
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<tr>
<td>(14:03-14:06)</td>
<td>Sung Hun Park</td>
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<tr>
<td></td>
<td>Department of Prosthetic Urology, Sewum Prosthetic Urology Center of Excellence</td>
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<tr>
<th>O-135</th>
<th>Urethral sparing versus trans-vesical robot-assisted simple prostatectomy: a comparative analysis of perioperative, postoperative outcomes and ejaculation preservation</th>
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<tbody>
<tr>
<td>(14:06-14:09)</td>
<td>Seon Beom Jo¹, Yu Seob Shin², Shang Weon Pak³, Sun Tae Ahn¹</td>
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<td>¹Department of Urology, Korea University Guro Hospital, ²Department of Urology, Jeonbuk National University Medical School</td>
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### Infertility

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<thead>
<tr>
<th>O-136</th>
<th>Impact of microbial infection on sperm parameters and antibiotics susceptibility of seminal bacteria in subfertile males: Prevotella bivia negatively affects semen quality</th>
</tr>
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<tbody>
<tr>
<td>(14:15-14:18)</td>
<td>Sang Kyung Kim, Tae Heon Kim, Kyung Hwa Choi, Young Kwon Hong, Dong Soo Park, Young Dong Yu, Seung Ryeol Lee</td>
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<td></td>
<td>Department of Urology, Cha Medical University, College of Medicine, Bundang Cha Hospital</td>
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<th>O-137</th>
<th>The accuracy of the sperm count and motility measurement through the semen analysis mobile application - Sperm tester OVIEW-M PRO</th>
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<tr>
<td>(14:18-14:21)</td>
<td>Gyoohwan Jung¹, Hae Kyung Song², Jung Ki Jo¹</td>
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<tr>
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<td>¹Department of Urology, Hanyang University Seoul Hospital, Seoul, Korea, ²Department of Medical and Digital Engineering, Hanyang University, Seoul, Korea</td>
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### Erectile dysfunction

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<tr>
<th>O-138</th>
<th>Erectile dysfunction as an independent risk factor for major cardiovascular event especially in young adults</th>
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<tr>
<td>(14:25-14:28)</td>
<td>Yong Nam Gwon¹, Hyun Jung Kim², Jae Heon Kim¹, Hyeong Sik Ahn²</td>
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<tr>
<td></td>
<td>¹Department of Urology, Soochunhyang University Seoul Hospital, Seoul, Korea, ²Department of Preventive medicine, Korea University, Seoul, Korea</td>
</tr>
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</table>
O-139  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;

14:31-14:35  Discussion

Miscellaneous

O-140  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

O-141  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

O-142  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

O-143  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

14:46-14:55  Discussion

Best Presentation Awards

14:55-15:00  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 Kim1,2, Hak-Min Kim3,4, Yu Jin Jung2,3, 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, Invites 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 treads

Jong Hyun Pyun1, Byung-Hoon Kim2, Teak Jun Shin2, Kyung Seo Lee3, Se Yun Kwon3, Yoon Soo Hah4, Tae-Hwan Kim5, Tae Gun Kwon5, 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, Dongguk 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

**O-146** 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

**Treatment effect**

**O-147** 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

**O-148** Effects of androgen deprivation therapy on skeletal microarchitecture and bone geometry in patients with prostate cancer

Hui Mo Gu1, Ho Seok Chung1, Seung Il Jung1, Dongdeuk Kwon1, Ho-Cheol Kang2, 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
**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

**O-150**
(14:28-14:31)
Changes in treatment after gallium-68 prostate-specific membrane antigen-11 Positron emission tomography/computed tomography in patients with prostate cancer

Si Hyun Kim1,2, Chang Wook Jeong1, Minh-Tung Do1, Jang Hee Han1, Seung-hwan Jeong1, Hyeong Dong Yuki1, Ja Hyeon Ku1, Hyeon Hoe Kim1, Cheol Kwak1

1Department of Urology, Seoul National University Hospital, Seoul, Korea, 2Department 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, Il Jo2, Jae Wook Chung1, Yun-Sok Ha1, Seock Hwan Choi1, Bum Soo Kim1, Shin-Young Jeong2, Hyun Tae Kim1, Tae-Hwan Kim1, Eun Sang Yoo1, Tae Gyun Kwon1, Jun Nyung Lee1

1Department of Urology, School Of Medicine, Kyungpook National University, Daegu, South Korea, 2Department of Nuclear medicine, School of Medicine, Kyungpook National University, Daegu, South Korea

**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

1Department of Urology, School of Medicine Keimyung University, 2Department 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, Chi-Hwan Bae3, Jaehun Jung1,4, Jae Heon Kim1

1Department of Urology, Soonchunhyang University Hospital, Soolnychunhyang University College of Medicine, Seoul, Korea, 2Department 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-Hyoun 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
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, Abdulghafoor Halawani¹, Victor Wong¹, Jeong Hyun Lee², June Seok Kim², Dae Ho Kim², Kwang Suk Lee³, Byung Ha Chung³, 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
Feasibility of respiratory adjustment for laser lithotripsy and stone removal using robotic retrograde intrarenal surgery system Zamenix™ in a in-vitro model

Joonhwan Kim1, Chinnakhet Ketsuwan2, Kyu-Seob Song1, Jae-Chul Kim1, Joonyeong 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, Urological Science Institute, Yonsei University College of Medicine

The impact of siphon effect on renal pelvis pressure during ureteroscopy using an in vitro kidney and ureter model

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

Novel drug injectable urethral catheter set with hyaluronic acid for patient satisfaction, pain, clinical convenience, and stricture prevention after transurethral surgery: a multicenter randomized single-blind clinical trial

Sung Jin Kim1, Han Kyu Chae1, Wook Nam1, Jong Yeon Park1, Sang Hyun Park2, Jae-Seung Chung2, Cheol Kyu Oh2, Sangjun Yoo1, Min Chul Cho1, Hyeon Jeong1, Seong Cheol Kim4, Sungchan Park4, Won Ik Seo5, Jae Il Chung5, Chan Ho Lee5, Kweonsik Min5, 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 Hospital, University of Ulsan College of Medicine, Ulsan, Korea, 5Department of Urology, Department of Urology, Busan Paik Hospital, Inje University College of Medicine, Busan, Korea, 6Department of Management and Information, Dong-A University, Busan, South Korea, 7Department of Urology, Department of Urology, Asan Medical Center, University of Ulsan College of Medicine, Seoul, Korea, 8Department of Urology, Department of Urology, Asan Medical Institute of Convergence Science and Technology, Asan Medical Center, University of Ulsan College of Medicine, Seoul, Korea

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

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
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 Chung1, Do Kyung Kim4, Hae Do Jung3, Seok Ho Kang6, Sunghyun Paick1, 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, 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-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

2 Thu., November

Best Presentation Awards

15:55-16:00 Best Presentation Awards

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 Kwak4, Sung Kyu Hong5, Sangchul Lee1, Chang Wook Jeong6

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
O-168  Long-term mortality among living kidney donors in Korea

Ki Min Kim1, Jae Heon Kim2, Jong Man Kim3, Jin Yong Choi1, Hyun Jung Kim3, Hyeong Sik Ahn2

1 Department of Surgery, Department of Surgery, Myongji Hospital, Hanyang University College of Medicine, Seoul, South Korea, 2 Department of Preventive Medicine, Department of Preventive Medicine, Korea University, Seoul, South Korea, 3 Department of Urology, Department of Urology, Soonchunhyang University Hospital, Soonchunhyang University College of Medicine, Seoul, Korea

15:06-15:09  Discussion

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 Park3

1 Department of Urology, Pusan National University School of Medicine, 2 Department of Urology, Pusan National University School of Medicine, 3 Department of Urology, Pusan National University School of Medicine

15:20-15:23  Discussion

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

15:26-15:30  Discussion

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

1 Department of Urology, Seoul National University Hospital, Seoul, Korea, 2 Department of Urology, Seoul National University Boramae Medical Center, Seoul, Korea, 3 Department of Urology, Seoul National University College of Medicine, Seoul, Korea

15:30-15:33  Discussion

O-173  End-to-end anastomotic urethroplasty outcome in anterior vs posterior traumatic urethral stricture: a single-center experience

Retta Catherina Sihotang1, Haryo Satroo Muhammad1, Gampo Alam Irdam2, Irfan Wahyudi1

1 Department of Urology, Faculty of Medicine Universitas Indonesia, Dr Cipto Mangunkusumo Hospital, Jakarta, Indonesia, 2 Department of Urology, Eka Hospital Cibubur, West Java, Indonesia

15:33-15:36  Discussion
### O-174  Efficacy and safety of analgesic-eluting urethral catheter after urologic surgery: a pilot prospective study

Hwanik Kim, Kookjin Huh, Young Jun Uhm, Il Tae Son, Sang Hoon Song, Kyung Jin Chung, Dae-Kyung Kwak, Yi-Hwa Choi, Myungsun Shim

1 Department of Urology, Hallym University Sacred Heart Hospital, Hallym University College of Medicine, Anyang, Korea, 2 Department of Surgery, Hallym University Sacred Heart Hospital, Hallym University College of Medicine, Anyang, Korea, 3 Department of Urology, Asan Medical Center, University of Ulsan College of Medicine, Seoul, Korea, 4 Department of Urology, Gachon University Gil Medical Center, Gachon University School of Medicine, Incheon, Korea, 5 Department of Orthopedic Surgery, Hallym University Sacred Heart Hospital, Hallym University College of Medicine, Anyang, Korea, 6 Department of Anesthesiology and Pain Medicine, Hallym University Sacred Heart Hospital, Hallym University College of Medicine, Anyang, Korea

### O-175  Laparoscopic transvesical repair of vesicovaginal fistula using the pneumovesical approach: a single-center initial experience with 25 cases

Byeong Jo Jeon, Jeong Wan Yoo, Bum Sik Tae, Chul Young Oh, Jae Young Park, Jae Hyun Bae

1 Department of Urology, Armed Forces Yangju Hospital, 2 Department of Urology, Korea University Ansan Hospital, Korea University College of Medicine, 3 Department of Urology, Hallym University College of Medicine

### O-176  Penetrating groin gunshot injury: A case report

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

### Discussion

#### Best Presentation Awards

15:55-16:00  Best Presentation Awards

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**2 Thu., November**

<table>
<thead>
<tr>
<th>Podium Session 17. Cancer - Prostate (3)</th>
<th>Room B (201)</th>
<th>16:00~17:00</th>
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<tbody>
<tr>
<td>Moderator: Dong Deuk Kwon (Chonnam National University), Hong Seok Park (Korea University)</td>
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### O-177  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 Kang, Seungbong Han, Hoyo Young BAE, Ji Hyung Yoon, Taekmin Kwon, Sungchan Park, Kyung Hyun Moon, Sang Hyeon Cheon, Seong Cheol Kim

1 Department of Urology, Ulsan University Hospital, University of Ulsan College of Medicine, 2 Department of Biostatistics, Korea University College of Medicine
O-178  (16:03-16:06)  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 Kim3, 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  (16:06-16:09)  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  (16:15-16:18)  Functional outcomes of hypothermic robot-assisted radical prostatectomy using bellocool™: a randomized, multicenter, single-blinded study

jang Hee Han1, Chang Wook Jeong2, 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  (16:18-16:21)  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  (16:21-16:24)  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  (16:24-16:27)  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

**O-184**  
(16:35-16:38)  
Oncologic Outcomes of Partial Gland Ablation using Focal Intensity Focused Ultrasound after Additional Confirmatory Transperineal Mapping Biopsy in Men with Prostate Cancer  
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  
*Department of Urology, Department of Urology, Sungkyunkwan University College of Medicine, Korea (Samsung Medical Center)*

**O-185**  
(16:38-16:41)  
Irreversible electroporation for localized prostate cancer  
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  
*Department of Urology, Seoul St. Mary’s Hospital, College of Medicine, The Catholic University of Korea, Seoul, Korea*

**O-186**  
(16:41-16:44)  
Propensity score matched analysis of functional outcome in 5000 cases of robot-assisted radical prostatectomy versus high-intensity focused ultrasound  
Sang Hun Song, Jaewon Lee, Jung Kwon Kim, Jong Jin Oh, Sangchul Lee, Seok Soo Byun, Sung Kyu Hong, Hakmin Lee  
*Department of Urology, Seoul National University Bundang Hospital*

**O-187**  
(16:44-16:47)  
Comparison of long-term outcomes between radical prostatectomy and 125I low-dose-rate brachytherapy in patients with intermediate-risk prostate cancer  
Young Dong Yu, Tae Heon Kim, Kyung Hwa Choi, Young Kwon Hong, Dong Soo Park, Seung Ryeol Lee  
*Department of Urology, Cha Medical University, College of Medicine, Bundang Cha Hospital*

16:47-16:55  Discussion

### Best Presentation Awards

16:55-17:00  **Best Presentation Awards**

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**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**

**O-188**  
(16:00-16:03)  
Quantitative association between nocturia and testosterone deficiency in men  
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  
*Department of Urology, Hallym University Kangnam Sacred Heart Hospital*
O-189 (16:03-16:06) 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 (16:06-16:09) 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 (16:09-16:12) 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 (16:20-16:23) 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 (16:25-16:28) Overcutting as the main risk factor of developing bladder neck contracture after endoscopic surgical treatment of BPH
Aziza Tavakkalova2, Azimjon Tursunkulov1, Dilimurod Yunusov1
1Department of Urology, Akfa Medline, 2Department of Medical School, Central Asian University

O-194 (16:28-16:31) Transurethral bipolar en-bloc enucleation of BPH with bladder neck preservation technique: technical aspects and influence on functional outcomes
Aziza Tavakkalova1, Dilimurod Yunusov2, Azimjon Tursunkulov2
1Department of Medical School, Central Asian University, 2Department of Urology, Akfa Medline

O-195 (16:31-16:34) 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

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 Lee1, Inkeun Park2, Bumjin Lim1, Cheryn Song1, Dalsan You1, In Gab Jeong3, Jun Hyuk Hong1, Hanjong Ahn1, Young-Mi Cho3, Jaelyun Lee2, Bumsik Hong1, Jungyo Suh1
1 Department of Urology, Asan Medical Center, 2Department of Oncology, Asan Medical Center, 3Department of Pathology, Asan Medical Center
O-200  
(09:03-09:06)  
Single early intravesical instillation of epirubicin in the prevention of bladder recurrence after nephroureterectomy for upper urinary tract urothelial carcinoma  
Department of Urology, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Korea

O-201  
(09:06-09:09)  
Adjuvant chemotherapy after radical nephroureterectomy for upper tract urothelial carcinoma with variant histology: a systematic review and meta-analysis of survival outcomes  
Jinhyung Jeon1, Jae Heon Kim2, Jee Soo Ha1, Won Jae Yang2, Kang Su Cho1, Dokyung Kim2  
1 Department of Urology, Gangnam Severance Hospital, Yonsei University College of Medicine, Seoul, Korea, 2 Department of Urology, Soochunhyang University Seoul Hospital, Soochunhyang University Medical College, Seoul, Korea

O-202  
(09:09-09:12)  
Risk-adapted scoring model to identify candidates benefiting from adjuvant chemotherapy after radical nephroureterectomy in localized upper urinary tract urothelial carcinoma: a multicenter study  
Sung Jun Sou1, Kyung Hwan Kim1, Hui Mo Gu1, Ja Yoon Ku4, Won Ik Seo1, Jae Il Chung1, Young Joo Park1, Hong Koo Ha2, Cha Hoon Lee1  
1 Department of Urology, Busan Paik Hospital, Inje University College of Medicine, 2 Department of Urology, Pusan National University Hospital, Pusan National University School of Medicine, 3 Department of Urology, Chonnam National University Hwasun Hospital, Chonnam National University Medical School, 4 Department of Urology, Dongnam Institute of Radiological & Medical Sciences Cancer Center, 5 Department of Internal Medicine, Pusan National University Hospital, Pusan National University School of Medicine

09:12-09:20 Discussion

Basic research

O-203  
(09:20-09:23)  
Single-cell RNA sequencing of BCG-unresponsive non-muscle invasive bladder cancer  
Jee Soo Park1,2, Hyoung-Oh Jeong4, Kyoung Joon Lee4, Jongchan Kim1,3, Won Sik Jang1, Kang Su Cho1, Seung Hwan Lee1, Semin Lee4, 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, Yangin Severance Hospital, Yonsei University Health System, 4 Department of Biomedical Engineering, College of Information-Bio Convergence Engineering, Ulsan National Institute of Science and Technology

O-204  
(09:23-09:26)  
Evaluating the anticancer potency of recombinant M. smegmatis in a syngeneic mouse model of bladder cancer  
Dongwook Song1, Hyunho Han1, Gisub Choi2, Young Deuk Choi1  
1 Department of Urology, Urological Science Institute, Yonsei University College of Medicine, Seoul, Korea, 2 Department of New drug development, CLIPS BnC Co.

09:26-09:30 Discussion

Biomarker & prognosis

O-205  
(09:30-09:33)  
Effect of aristolochic acid exposure in patients with upper tract urothelial carcinoma: based on propensity score matching weight method  
Jianyong Liu  
Department of Urology, Beijing Hospital
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 Jung1, Taek Won Kang1, Dongdeuk Kwon1, 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 Ransley3, Janice Downie1, James Burn3, Diederick De Boo3, Stuart Lyon3, Steuart Rorke4, Beena Kumar4, Scott Donnellan1, Matthew Harper1, Weranja Ranasinghe1
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
ABSTRACTS

3 Fri., November  Room B (201)  10:00~11:00
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, Yong Seong Lee1, Jong Hyun Tae2, Se Young Choi2, Tae-Hyoung Kim2, Soon Chul Myung2, In Ho Chang2, 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

10:06~10:10  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 Song2, Hyun Hwan Sung2, Hwang Gyun Jeon2, Byong Chang Jeong2, Seong Il Seo2, Seong Soo Jeon2, Hyun Moo Lee1,2, Minyong Kang1,2
1Department of Urology, Samsung Medical Center, Sungkyunkwan University School of Medicine, 2Department of Health Sciences and Technology, SAIMST, 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, Kyoung ha Jang1, Woo seop Seong1, Gwon Kyeong Lee1, Kyung Hwan Kim1,2, Hong Koo Ha1,2
1Department of Urology, Pusan National University Hospital, 2Department of Urology, College of Medicine, Pusan National University

10:19~10:25  Discussion
**O-215** Sites of Metastasis and Survival In Metastatic Renal Cell Carcinoma: Results From the KRoCS Database. 

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, Yeungnam University College of Medicine, 5Department of Urology, Seoul National University Bundang Hospital, Seoul National University College of Medicine, 6Department of Urology, Korea University Ansan Hospital, Korea University College of Medicine, Ansan, 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


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


1Department of Urology, Seoul National University Hospital, Seoul, Korea, 2Department of Urology, Chonnam National University Hwasun Hospital, Hwasun, Korea, 3Department of Urology, Korea University Ansan Hospital, Korea University College of Medicine, Ansan, 4Department of Urology, Ansan 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 Discussion

**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

*J. S. Park*¹, *J. Kim*¹, *J. Jeon*¹, *J. Lee*³, *W. Jang*¹, *S. Lee*¹, *K. Han*², *K. Koo*³, *K. Cho*³, *W. 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, Yongin Severance Hospital, Yonsei University Health System, 4Department of Urology, Gangnam Severance Hospital, Yonsei University College of Medicine
O-219
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

O-220
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 Lee9
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

10:49-10:55 Discussion

Best Presentation Awards

10:55-11:00 Best Presentation Awards

3 Fri., November Room B (201) 11:00~12:00
Podium Session 21. Cancer - Prostate (4)
Moderator: Seung Hwan Lee (Yonsei University), Jae Young Joung (National Cancer Center)

Basic research

O-221
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 Kim2,3, Yu Jin Jung1,4, Sung Kyu Hong1, Jung Kwon Kim1, Sang Hun Song1, Hakmin Lee1, Sangchul Lee1, Seok-Soo Byun1,2
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, 5Department of Public Health, Seoul National University Graduate School of Public Health, Korea

O-222
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 Song, Jae Heon Kim, Sang Hun Lee, Serk In Park

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 Song, Jae Heon Kim, Hee Jo Yang, Kwang Woo Lee, Chang Ho Lee, Youn Soo Jeon, Jong Hyum Yun, Su Yeon Park, Su Jung Song, Ji Hye Lee, Ah Rim Moon, Yoon Hee Kim

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 Park, Tae Gyun Kwon, Jae Young Park, Jae Young Joung, Hong Koo Ha, Seong Soo Jeon, Sung-Hoo Hong, Sungchan Park, Seung Hwan Lee, Jin Seon Cho, Sung Woo Park, Se Yun Kwon, Jung Ki Jo, Hong Seok Park, Sang-Cheol Lee, Dong Deuk Kwon, Sun Il Kim, Jung Ki Jo, Hong Seok Park, Sung-Hwan Lee, Seock Hwan Choi

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, Hanyang 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-Hyoun Kim, Soon Chul Myung, Joongwon Choi, Jung Hoon Kim, Jin Wook Kim, Yong Seong Lee, Se Young Choi

Department of Urology, Chung-Ang University
ABSTRACTS

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 Jo1, Alicia K. Morgans2, Bertrand F. Tombal3, Sebastien J. Hotte4, Hiroyoshi Suzuki5, Arijit Ganguli6, Daniel Ng7, Charles D. Scales, Jr8,9,10, Matthew J. Wallace9, Jui-Chen Yang9, Daniel J. George8, Juan Marcos Gonzalez8,9
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, Université 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, Sakura City, Chiba, Japan, 6Department 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 Population Health Sciences, Duke University School of Medicine, Durham, NC, United States, 9Department of Duke 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 Yoon1, Jin Bong Choi2, Soeon Park2, Yunhee Lee1, U-syn Ha1
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

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, Doo Yong Chung
Department of Urology, Inha University College of Medicine

11:41-11:45 Discussion

Treatment of New concept

O-230 Progression-directed therapy in oligoprogressive castration-resistant prostate cancer
Jae Hoon Kang1, Jeong Seok Oh1, Jun-Koo Kang1, Young Joon Moon1, Jae-Wook Chung1, Mi Young Kim2, Yun-Sok Ha1, Seock Hwan Choi1, Bum Soo Kim1, Hyun Tae Kim1, Tae-Hwan Kim1, Eun Sang Yoo1, Tae Gyun Kwon1, Jun Nyung Lee1
1Department of Urology, School of Medicine, Kyungpook National University, Daegu, South Korea, 2Department of Radiation Oncology, Kyungpook National University Chilgok Hospital, Daegu, Korea

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

11:51-11:55 Discussion
Best Presentation Awards

11:55-12:00  Best Presentation Awards

E-Poster (Non Discussion Poster)

EP-001  Genetic and pathway alterations of prostate cancer: from localized to metastatic prostate cancer
Chang Eil Yoon, Dongho Shin, San Kang, Seung Ah Rhew, Hyoek Jae Kwon, Seokhwon Bang, Hyong Woo Moon, Woong Jin Bae, Hyuk Jin Cho, U-Syn Ha, Sung-Hoo Hong, Ji Youl Lee
1 Department of Urology, Seoul St. Mary's Hospital, College of Medicine, The Catholic University of Korea, 2 Department of Urology, International St. Mary's Hospital, College of Medicine, Catholic Kwandong University, Incheon, Korea

EP-002  Development of prognostic index based on twenty-three genes for predicting superficial-to-invasive progression of non-muscle invasive bladder cancer patients
Young Joon Byun, Chuangming Zheng, Xuan-Mei Piao, Woo Suk Lee, Seon-Kyu Kim, Seong-Hwan Park, Seon-Young Kim, Ho Won Kang, Won Tae Kim, Yong-June Kim, Seok-Joong Yun, Sang-Cheol Lee, Wun-Jae Kim
1 Department of Urology, College of Medicine, Chungbuk National University, 2 Department of Urology, Urotech Co, 3 Department of Bioinformatics, KRIIBB School of Bioscience, Korea University of Science and Technology

EP-003  Prostate cancer therapy using immune checkpoint molecules to target recombinant dendritic cells
Se Young Choi, Yunlim Kim, Bumjin Lim, In Ho Chang, Choung Soo Kim
1 Department of Urology, Chung-Ang University Hospital, Chung-Ang University College of Medicine, 2 Department of Asan Institute For Life Sciences, Asan Medical Center, 3 Department of Urology, Asan Medical Center, University of Ulsan College of Medicine, 4 Department of Urology, Ewha Womans University Mokdong Hospital, Ewha Womans University School of Medicine

EP-004  Bladder tissue microbiome can be easily monitored with shotgun metagenomic sequencing of urine
Kyungchan Min, Chuangming Zheng, Young Joon Byun, Xuan-Mei Piao, Woo Suk Lee, Sung Min Moon, Ho Won Kang, Won Tae Kim, Yong-June Kim, Sang-Cheol Lee, Wun-Jae Kim
1 Department of Urology, College of Medicine, Chungbuk National University, 2 Department of Urology, Urotech Co, 3 Department of Biomedical Science and Engineering, Gwangju Institute of Science and Technology

EP-005  Impact of 68Ga-PSMA PET/CT in the treatment of clinically high-risk prostate cancer
Jae Joon Park, Bumjin Lim, Jungyo Suh, Dalsan You, Cherlyn Song, Bumsik Hong, Jun Hyuk Hong, Hanjong Ahn, In Gab Jeong, Dongrul Shin
Department of Urology, Asan Medical Center, University of Ulsan College of Medicine

EP-006  Different urinary microbiomes lead to different responses to BCG treatment
Kyungchan Min, Zheng Chuangming, Young Joon Byun, Xuan-Mei Piao, Woo Suk Lee, Sung Min Moon, Ho Won Kang, Won Tae Kim, Yong-June Kim, Sang-Cheol Lee, Wun-Jae Kim
1 Department of Urology, College of Medicine, Chungbuk National University, 2 Department of Urology, Urotech Co, 3 Department of Biomedical Science and Engineering, Gwangju Institute of Science and Technology
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, Kyo Chul Koo4, 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-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, Kyo Chul Koo4, 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-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 Kim1, 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 Yun1, Sang-Cheol 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, Kyo 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
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<th>Prediction of prostate cancer aggressiveness: SUVmax on PSMA PET/CT vs. PI-RADS score on MRI</th>
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<td>Jae joon Park, Bumjin Lim, Jungyo Suh, Dalsan You, Cheryn Song, Bumsik Hong, Jun Hyuk Hong,</td>
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<td>Department of Urology, Asan Medical Center, University of Ulsan College of Medicine</td>
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<td>EP-015</td>
<td>Delineating molecular features associated with the BCG responsiveness and disease progression</td>
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<td>Chang Eil Yoon¹, San Kang¹, Seung Ah Rhew¹, Hyeok Jae Kwon¹, Tae Min Kim², U-Syn Ha³</td>
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<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>
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<td>EP-016</td>
<td>Comparison of convolutional neural networks and vision transformers for surgical image</td>
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<td>Ji Won Kim, Il In Park, Min Jung Kang, Sung Gon Park, Sung Tae Cho, Young Goo Lee, Sahyun Pak</td>
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<td>Department of Urology, Kangnam Sacred Heart Hospital, Hallym University College of Medicine</td>
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<td>EP-017</td>
<td>The relationship between the expression of PDL-1 and CTLA-4 and the histopathological grade</td>
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<td>as a prognostic marker in renal cell carcinoma</td>
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<td>Marzuki Panji Wijaya, Indrawarman Soerohardjo, Danarto Danarto, Ahmad Zulfan Hendri</td>
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<td>Department of Surgery, Urology Division, Faculty of Medicine, Public Health and Nursing, Universitas Gadjah Mada, Indonesia</td>
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<td>EP-018</td>
<td>LncRNA AC092168.2 contributes to the development of bladder cancer via TMBIM6-Ca2+-</td>
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<td>dependent ferroptosis</td>
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<td>Gang Fan¹, Weiming Guo¹, Qingtian Luo¹, Jingfen Lu², Zhouke Tan³</td>
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<td>¹Department of Urology, Union Shenzhen Hospital, ²Department of Chinese Medicine, The First Clinical Medical College of Guangzhou University of Chinese Medicine</td>
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<td>EP-019</td>
<td>Biological effect and therapeutic potential of amarogentin for the treatment of skin cancer</td>
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<td>and associated complications</td>
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<td>Kanika Patel, Dinesh Kumar Patel</td>
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<td>Department of Department of Pharmaceutical Sciences, Sam Higginbottom University of Agriculture, Technology and Sciences, Payagraj</td>
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<td>EP-020</td>
<td>Biological potential of magnolin for their effectiveness against ovarian cancer in medicine</td>
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<td>Department of Faculty of Health Sciences, Sam Higginbottom University of Agriculture, Technology and Sciences</td>
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<td>EP-021</td>
<td>Bardet-biedli ciliopathie : a diagnosis to consider in male infertility</td>
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<td>Nouha Bouayed Abdelmoula</td>
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<td>Department of Genomics of Signalopathies At The Service of Precision Medicine Lr²³ ex⁰⁷, Medical University of Sfax, Tunisia</td>
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<td>EP-022</td>
<td>The role of ER stress response in the 5α-reductase inhibitor protective effect against BPH</td>
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<td>Shang Weon Pak, Myung Ki Kim, Young Beom Jeong, Yu Seob Shin</td>
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<td>Department of Urology, Jeonbuk National University Medical School</td>
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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, Yuguo 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  Ninjurin-1 inhibition alleviates bladder overactivity in cyclophosphamide-induced cystitis by restoration of bladder epithelial cell  
Hyung Kyung Sung1, Kang Kyu Kim1, Yong Seung Lee2, Sang Won Han2, Sang Woon Kim2  
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, Seokhwan 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 Cho2, Sae Woong Kim2  
1Department of Urology, College of Medicine, Catholic Kwandong University, Incheon, Korea, 2Department of Urology, 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, 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

EP-030  Three cannabinoids reduce inflammation by regulation of theTLR4-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, 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
ABSTRACTS

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EP-031 Privacy-preserving multicenter statistics and logistic regression analysis based on homomorphic encryption
Jungyo Suh1, Garam Lee2, Jung Woo Kim2, Junbum Shin2, Hyung-Chul Lee1, Yi-Jun Kim4, Tae Kyong Kim5, Sulgi Kim5, Sang-Wook Lee6
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

EP-033 Unilateral extrarenal calyces with multiple congenital anomalies in an elderly male cadaver
Dibakar Borthakur1, Rajesh Kumar2, Rima Dada1
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-Hyoun 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 Kim1, Seung Hyeon Kim1, Kyoungha Jang1, Wooseop Seong1, Gwon Kyeong Lee1, Byeong Jin Kang1, Chan Ho Lee2, Ja Yoon Ku2, Hong Koo Ha1
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 Kim1, Seung Hyeon Kim1, Kyoungha Jang1, Wooseop Seong1, Gwon Kyeong Lee1, Byeong Jin Kang1, Ja Yoon Ku2, Hong Koo Ha1
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 Lee1, Seung-Hwan Jeong1, 2, Jang Hee Han1, Hyeong Dong Yuk1, Chang Wook Jeong1, 2, Cheol Kwak1, 2, Ja Hyeon Ku1, 2
1 Department of Urology, Seoul National University Hospital, Seoul, Korea, 2 Department of Urology, Seoul National University College of Medicine, Seoul, Korea

Withdrawal

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EP-039  Multicenter analysis of advanced urothelial cancer patients treated with immunotherapy in real-world practice
JaYoon Ku1, Young Jun Seo1, 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, Jun hyun Nam1,2, Jung Kwon Kim1,2, Hakmin Lee1,2, Sangchul Lee1,2, Sung Kyu Hong1,2, Seok-Soo Byun1,2, Jong Jin Oh1,2
1Department of Urology, Seoul National University Bundang Hospital, 2Department of Urology, Seoul National University College of Medicine

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

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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

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Department of Urology, The first Affiliated Hospital of Army Medical University, Chongqing, China

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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

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Ashan Canagasingham1, James Kovacic1, Venu Chalasani2

1 Department of Urology, Royal North Shore Hospital, St Leonards, New South Wales, Australia, 2 Department of Post Graduate Research, University of Sydney, Sydney, New South Wales, Australia

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1 Department of Urology, American Hospital Tbilisi, Georgia, 2 Department of Morphology, Ivane Javakhishvili Tbilisi State University Alexandre Natishvili Institute of Morphology

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1 Department of Urology, Shanghai General Hospital, 2 Department of Urology, Peking University Third Hospital

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1 Department of Urology, Royal Melbourne Hospital, 2 Department of Urology, Peter MacCallum Cancer Centre
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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 Morbid Anatomy and Forensic Medicine, Usmanu 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.

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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

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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

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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

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1 Department of Urology, School of Medicine, Kyungpook National University Medical Center, Daegu, Korea, 2 Department of Joint Institute for Regenerative Medicine, Kyungpook National University, Daegu, South Korea, 3 Department of School of Medicine, Kyungpook National University, Daegu, Korea

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

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

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1 Department of Urology, Seoul National University Bundang Hospital, 2 Department of Urology, Seoul National University College of Medicine
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1 Department of Urology, Chonnam National University Medical School, Hwasun, Korea, 2 Department of Urology, Chonnam National University Medical School, Chonnam National University Hospital, Gwangju, Korea

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Department of Urology, Urological Science Institute, Yonsei University College of Medicine

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1Department of Urology, Cho Ray Hospital, 2Department of Urology, University of Medicine and Pharmacy At Ho Chi Minh City

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1Department of Urology, Severance Hospital, Urological Science Institute, Yonsei University College of Medicine, Seoul, Korea, 2Department of Urology, 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

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1Department of Urology, Korea University Ansan Hospital, 2Department of Urology, Daegu Fatima Hospital, Daegu

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1Department of Medical School, Central Asian University, 2Department of Urology, Akfa Medline

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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

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Dae Young Jun1, Jun Seok Sohn2, Jae Yong Jeong3, Young Joon Moon4, Dong Hyuk Kang5, Hae Do Jung5, Joo Yong Lee2
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

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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

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Department of Urology, Faculty of Medicine, Universitas Indonesia – Dr. Cipto Mangunkusumo General Hospital, Jakarta, Indonesia

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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 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, Ky Nguyen Gia  
Department of Urology, Nhan Dan Gia Dinh Hospital, Ho Chi Minh City, Vietnam

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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

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Department of Urology, All India Institute of Medical Sciences Bhopal India

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1Department of Urology, Akfa Medline Clinic, 2Department of Pediatric Surgery, Samarqand Medical University of Uzbekistan

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Department of Urology Department, Vietduc University Hospital

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Department of Urology, The First Affiliated Hospital of Anhui Medical University

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1Department of Pediatric Surgery, Samarqand Medical Institute of Uzbekistan, 2Department of Urology, Akfa Medline Clinic

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Department of Urology, National academy of medical sciences

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Muhammad Andi Iqbal Maulana¹, Favian Ariq Rahmat²
¹Department of Emergency, Siaga Medika Banyumas General Hospital, ²Department of Emergency, Harapan Keluarga Mataram Hospital

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Department of Urology, Keimyung university Dongsan Hospital

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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

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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

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Department of Urology, Department of Urology, Korea University Guro Hospital

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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

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

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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

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1Department of Urology, Gold Coast University Hospital, 2Department of Urology, Toowoomba Hospital

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1Department of Urology, Cho Ray Hospital, 2Department of Urology, University of Medicine and Pharmacy at Ho Chi Minh City, Vietnam

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Li Yi Lim1, Suet Yin Chin2, Hau Chun Khoo1  
1Department of Surgery, Hospital Canselor Tuanku Muhriz UKM, Malaysia, 2Department of Pharmacy, Hospital Canselor Tuanku Muhriz UKM, Malaysia

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Abdul Azis Boenjamin1, Poppy Desra Nasution2  
1Department of General Surgery Residency, Abdul Wahab Sjahranie Hospital, Samarinda, East Kalimantan, Indonesia/Mulawarman University, 2Department of Urology, Abdul Wahab Sjahranie Hospital, Samarinda, East Kalimantan, Indonesia/Mulawarman University

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Department of Urology, Austin Health

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Department of Urology, Inha University School of Medicine and Inha University Hospital
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Department of Urology, Inha University School of Medicine and Inha University Hospital

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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

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

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Ki 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, Kangbuk Samsung Hospital, Sungkyunkwan University School of Medicine, Seoul, Korea, 3Department of Biomedical Informatics, College of Medicine, Konyang University, Daejeon, Korea

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1Department of General Medicine, Kolonodale General Hospital, 2Department of Medical Professional Study Program, Faculty of Medicine, Tadulako University

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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

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Department of Urology, Jeonbuk National University

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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

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1Department of Urology, Yonsei University, College of Medicine, Seoul, Korea, 2Department of Urology, Veterans Health Service Medical Center, Seoul, Korea

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1Department of Urology, Chonnam National University Medical School, 2Department of Radiology, Gwangju Mirae Clinic

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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

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Department of Urology, Gangnam Severance Hospital, Urological Science Institute, Yonsei University College of Medicine, Seoul, Korea

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Department of urology, Ulsan University Hospital, University of Ulsan College of Medicine
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1Department of Urology, Pusan National University Hospital, 2Department of Urology, Pusan National University School of Medicine

Hyun Ju Jeong, Hyomyoung Lee, Min Soo Choo, Sung Yong Cho, Seong Jin Jeong, Seung June Oh  
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

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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

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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
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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 Medcity 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, Chinmaya 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

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1 Department of Pediatric Urology, Pusan National University Yangsan Children’s Hospital, 2 Department of Urology, Pusan National University Yangsan Hospital

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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

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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 №, Volgograd, Russian Federation

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Raj Shah1, Ramendra Shukla1, Raman Tripathi1 
1 Department of Pediatric surgery, Smt NHL 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

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1Department of Pediatric Surgery, Gujarat cancer and research Institute, Ahmedabad, India, 2Department of Pediatric Oncosurgery, Gujarat cancer and research Institute, Ahmedabad, India, 3Department of Nuclear medicine, HCG hospital,Ahmedabad,India

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1Department of Research, PT Sunat Modern Indonesia, 2Department of Urology, Harjono General Hospital, Ponorogo, Indonesia

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Lutfi Aulia Rahman1, Riza Mazidu Sholihin2  
1Department of Research, PT Sunat Modern Indonesia, 2Department of Urology, Harjono General Hospital, Ponorogo, Indonesia

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1Department of Research, PT Sunat Modern Indonesia, 2Department of Urology, Harjono General Hospital, Ponorogo, Indonesia

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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.
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¹Department of Urology, Hanyang University Seoul Hospital, Seoul, Korea, ²Department of Dermatology, Seoul National University Bundang Hospital, Seongnam, Korea, ³Department of Urology, Seoul National University Bundang Hospital, Seongnam, Korea

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Department of Urology, Seoul National University Bundang Hospital

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Gyoohwan Jung¹, Jung Kwon Kim², Sung Kyu Hong²  
¹Department of Urology, Hanyang University Seoul Hospital, Seoul, Korea, ²Department of Urology, Seoul National University Bundang Hospital

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¹Department of Surgery (urology), Northern Ontario School of Medicine NOSM University, ²Department of office Urology Practice, Richmond Hill Urology Practice and Prostate Institute, ³Department of Molecular Biology, Kenyon College, ⁴Department of Undergraduate Medical Education Ume, Schulich School of Medicine and Dentistry, University of Western Ontario

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¹Department of Urology, Department of Urology, Soochunhyang University Hospital, Soochunhyang University College of Medicine, Seoul, Korea, ²Department of Urology, Department of Urology, Kangbuk Samsung Hospital, Sungkyunkwan University School of Medicine, Seoul, Korea, ³Department of Biomedical Informatics, College of Medicine, Konyang University, Daejeon, Korea
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1Department of Urology, Royal Melbourne Hospital, 2Department of Urology, Western Health, 3Department of Urology, University of Bern

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1Department of Urology, Royal Melbourne Hospital, 2Department of Urology, Western Health, 3Department of Urology, University of Bern

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

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Kanika Patel, Dinesh Kumar Patel
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BRCA변이 mCRPC 환자를 대상으로 OS와 rPFS 개선을 일으킨 최초의 유일한 PARPi (2023년 9월 기준), 린피자

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전이성 거세 저항성 전립선암 진단 후 항암화학요법 치료 경험 없는 성인 환자의 치료

아비라테론 단독요법 대비 rPFS 개선 2,3

Risk reduction of progression or death

ITT population

34% 24.8개월 vs 16.6개월
(HR, 0.66, 95% CI, 0.54–0.81; P<0.001)

HRRm population

50% NR vs 13.9개월
(HR, 0.5, 95% CI, 0.34–0.73)

BCRam subgroup Analysis

76% NR vs 8개월
(HR, 0.24; 95% CI: 0.12–0.45)

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NHA 치료로 대비 rPFS 개선 4,4

Risk reduction of progression or death

BCRam population

78% 9.8개월 vs 3.0개월
(HR, 0.63, 95% CI, 0.48–0.85; Statistically significant, Not controlled for multiplicity)

NHA 치료로 대비 OS 개선 1

Risk reduction of death

BCRam population

37% 20.1개월 vs 14.4개월
(HR, 0.63, 95% CI, 0.42–0.95; Nominally statistically significant, Not controlled for multiplicity)

1 PARPi treatment, factor II treatment by factor interaction 합을 포함하는 Cox proportional hazards model을 사용하여 계산되었다 (data cut-off에서 rPFS 성공률 71%)
2 BRCA, breast cancer gene. BCRam, breast cancer gene mutation. HRRm, Homologous recombination repair gene mutation. ITT, Intention to treat. mCRPC, metastatic castration-resistant prostate cancer. NHA, new hormonal agent (abiraterone, enzalutamide). OS, overall survival. PARPi, poly ADP-ribose polymerase. rPFS, radiographic progression-free survival

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• 치료용에 있어서 순환기계에 미치는 작용이 미미하여, 심장통
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References: Mokary K, Popper T, Rockburn S. Rezûm transurethral vapor thermal therapy for lower urinary tract symptoms associated with benign prostatic hyperplasia: 4-year results from a randomized controlled study. Urology. 2018 Apr;125:171-9. 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. UHO-166007-PA-Rezûm media conference-POST Aug2022
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<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>

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