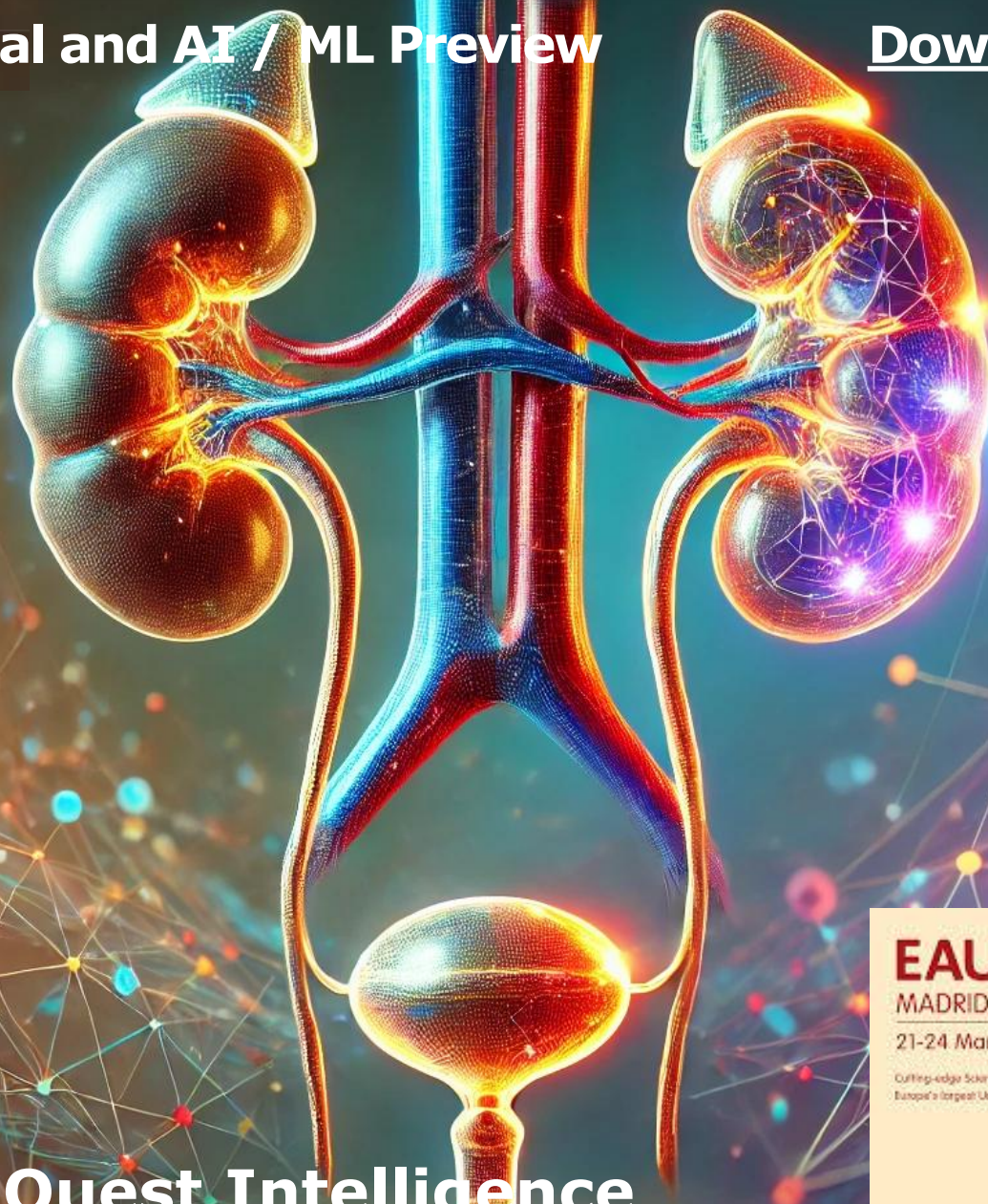




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EAU 2025 – General Overview

- ➔ • **Global Collaboration:** A gathering of urologists, researchers, and healthcare professionals from around the world to discuss cutting-edge advancements in urology and related disorders
- ➔ • **Innovative Research:** Focus on the latest research findings, novel therapies, and clinical trials in urology, including prostate, kidney, bladder, and reproductive health
- ➔ • **Educational Opportunities:** Workshops, hands-on training, and live surgeries aimed at improving skills and knowledge in urological procedures and treatments
- ➔ • **Networking:** Extensive opportunities for professionals to connect, share insights, and collaborate on future research projects
- ➔ • **Technological Integration:** Showcasing the role of advanced technologies such as robotic surgery, artificial intelligence, and imaging systems in urology treatment
- ➔ • **Multidisciplinary Approaches:** Emphasis on collaboration between urologists, oncologists, radiologists, and other specialists to enhance treatment outcomes for complex urological disorders



EAU 2025– Conference Themes (1/2)



- **Robotic Surgery:** Advancements in robotic-assisted surgeries, including prostatectomy and nephrectomy, for improved precision and patient outcomes
- **Bladder Cancer Treatment:** Focus on new immunotherapy treatments, molecular diagnostics, and the management of non-muscle invasive bladder cancer (NMIBC)
- **Prostate Cancer:** Updates on PSA-based screening, treatment modalities, and management strategies for both localized and metastatic prostate cancer
- **Renal Transplantation:** New techniques in kidney transplant surgery, including robotic-assisted transplants and graft management
- **Urolithiasis:** Innovations in stone management, including minimally invasive procedures like percutaneous nephrolithotomy (PCNL) and ureteroscopy



EAU 2025– Conference Themes (2/2)



- **Pediatric Urology:** Discussion on evolving treatments for pediatric urological disorders, including congenital anomalies and bladder dysfunctions
- **Reproductive Urology:** Addressing male infertility, prostate health, and sexual dysfunction with a focus on emerging therapies and diagnostic tools
- **Artificial Intelligence in Urology:** Exploring the use of AI in diagnostic imaging, predictive modeling, and personalized treatment plans for urological conditions
- **Patient-Centered Care:** The role of patient-reported outcomes and quality of life in shaping urological treatment protocols and post-surgery care

Noteworthy Scientific presentations at EAU 2025





Key Topics From Notable Presentations (1/4)

✓ • **Urological Cancer (Prostate and Bladder):**

- **Prostate Cancer Diagnosis & Management:** The latest advancements in prostate cancer will be discussed, with a focus on advancement in diagnosis and treatment strategies, including ongoing trials related to prostate cancer progression and personalized care. Sessions will explore advanced diagnostic accuracy and emerging immunotherapies
- **Bladder Cancer Treatment & Management:** Presentations will cover breakthroughs in bladder cancer management, focusing on advanced therapies like immunotherapy. Trials such as the PROGRxN-BCa study for predicting progression and AI tools for muscle invasiveness in bladder cancer will be highlighted

✓ • **Renal and Urological Stones:**

- **Innovations in Renal Stone Treatment & Imaging:** Presentations will explore robotic techniques for stone removal, advanced laser technologies, and the application of AI-driven diagnostic models for improving stone detection, with insights from the FLEXOR International Registry and new imaging technologies





Key Topics From Notable Presentations (2/4)

✓ • **Urology Surgical Techniques:**

- **Advancements in Urological Surgery & AI Support:** Sessions will discuss the integration of robotic and laparoscopic techniques in urological surgeries, with a special focus on AI in surgical navigation, real-time diagnostics, and post-surgical recovery prediction, including predictive models for better patient outcomes

✓ • **Pediatric Urology:**

- **Innovative Treatments in Pediatric Urology:** Presentations will highlight the latest developments in pediatric urology, covering diagnostic imaging, AI-based treatment planning, and advanced treatments for conditions like hydronephrosis, with a focus on predictive models for surgical outcomes

✓ • **Prostate Cancer Treatment and Diagnosis:**

- **Next-Gen Prostate Cancer Treatments:** Sessions will delve into novel therapies in prostate cancer, including immunotherapy and precision treatments, as well as the latest clinical trial data on drug combinations and personalized treatment protocols aimed at improving survival rates



Key Topics From Notable Presentations (3/4)

✓ • **Bladder Cancer Treatment and Management:**

- Immunotherapy & Advanced Models in Bladder Cancer: Discussions will cover the role of immunotherapies in bladder cancer treatment, the use of advanced computational models for predicting recurrence and progression, and the application of machine learning tools for muscle invasiveness and treatment selection

✓ • **Urology Imaging and Technology:**

- Advancement in Urological Imaging & Emerging Technologies: Presentations will showcase the integration of advanced computational models in urological imaging, focusing on their use for diagnosing bladder and kidney cancer, enhancing surgical planning, and improving real-time diagnostic accuracy through advanced imaging techniques

✓ • **Transplantation and Renal Surgery:**

- Advancements in Renal Transplantation: Sessions will focus on improving outcomes in renal transplantation through new surgical techniques and predicting post-transplant complications, as well as distinguishing renal carcinoma subtypes using multiomics data





Key Topics From Notable Presentations (4/4)

✓ • **Urology Psychological and Quality of Life Studies:**

- Improving Quality of Life for Urology Patients: Presentations will address the psychological impact of urological diseases and treatments, exploring how care strategies for conditions like incontinence and prostate cancer affect patients' quality of life, with a focus on mental health support

✓ • **Incontinence and Sexual Health:**

- Advances in Incontinence and Sexual Health Treatment: Sessions will explore the latest treatments for stress urinary incontinence and erectile dysfunction, focusing on innovations in artificial urinary sphincter implants, surgical techniques, and strategies aimed at improving sexual health and patient outcomes

✓ • **Epidemiological and Global Health:**

- Global Trends & Public Health in Urology: Presentations will explore the global burden of urological diseases, including trends in epidemiology, socio-economic factors impacting disease management, and global initiatives aimed at improving urological health and reducing disparities in care





Focus of Key Industry-Sponsored Symposia at EAU 2025 (1/5)

- **AstraZeneca:**

- Focus Areas: mHSPC Treatment and PARPi + ARPi Combination Therapy
- Sessions are set to explore advancements in mHSPC management, focusing on PARPi and ARPi combinations to enhance survival outcomes and refine treatment strategies

- **Pfizer:**

- Focus Areas: mCRPC Treatment and PARPi + ARPi Combination
- Discussions are planned to emphasize the clinical benefits of PARPi and ARPi combinations in mCRPC treatment, with a focus on molecular insights and survival advantages

- **Medac:**

- Focus Areas: BCG Immunotherapy for High-Risk NMIBC
- Presentations will showcase the role of BCG immunotherapy in managing high-risk NMIBC, particularly its potential to alter disease progression and optimize patient care



Focus of Key Industry-Sponsored Symposia at EAU 2025 (2/5)

- **Johnson & Johnson:**

- Focus Areas: Diversity in GU Medicine and Patient Representation
- Sessions will discuss the growing need for diversity in GU medicine, focusing on gender representation and inclusivity in clinical trials and treatment approaches

- **IBSA Group:**

- Focus Areas: Radiation-Induced Cystitis and GAG Therapy
- Experts are set to discuss radiation-induced cystitis and the therapeutic potential of GAGs in restoring bladder layers and addressing BCG-induced cystitis

- **Accord Healthcare**

- Focus Areas: Prostate Cancer and LUTS Management
- Presentations will highlight the evolving treatment landscape for prostate cancer, especially the impact of LHRH antagonists on advanced disease and LUTS management



Focus of Key Industry-Sponsored Symposia at EAU 2025 (3/5)

- **Bayer:**

- Focus Areas: Personalized mHSPC Care and Treatment Intensification
- Discussions are set to explore the latest evidence in mHSPC treatment intensification, stressing the importance of personalized, collaborative care to achieve optimal patient outcomes

- **Astellas:**

- Focus Areas: OAB Management and Advancing Treatments
- Sessions will showcase the progression of OAB management strategies, focusing on innovations in treatment that aim to improve outcomes for patients with overactive bladder

- **Pierre Fabre:**

- Focus Areas: LUTS and OAB Management
- Presentations are planned to discuss personalized approaches to LUTS and OAB management, with an emphasis on initial assessments and tailored treatment plans for BPO/BPE



Focus of Key Industry-Sponsored Symposia at EAU 2025 (4/5)

- **GE Healthcare:**

- Focus Areas: Prostate Biopsy and MRI-US Fusion Technology
- Sessions are set to explore the integration of MRI-US fusion technology in prostate biopsies, focusing on procedural techniques and the use of advanced imaging for accurate diagnosis

- **Boston Scientific:**

- Focus Areas: Shared Decision-Making in BPH
- Discussions will highlight the importance of shared decision-making in managing BPH, aligning treatment strategies with the latest guidelines to ensure optimal patient adherence

- **ferring pharmaceuticals:**

- Focus Areas: Intermediate-Risk NMIBC Management
- Presentations will focus on the management of intermediate-risk NMIBC, examining ongoing clinical trials and refining treatment approaches for bladder cancer care.



Focus of Key Industry-Sponsored Symposia at EAU 2025 (5/5)

- **Gedeon Richter:**

- Focus Areas: Prostate Cancer and Bone Health
- Sessions are set to explore bone health management in prostate cancer, focusing on the critical role of treating bone metastasis and optimizing therapies for advanced cancer patients

- **OM Pharma:**

- Focus Areas: Guidelines and Clinical Practice in UTI Management
- Presentations are planned to address bridging the gap between clinical guidelines and practice in UTI management, focusing on evidence-based approaches to enhance patient outcomes



Notable Presentations Information at EAU 2025

Notable Presentations Information at EAU '25

Urological Cancer (Prostate and Bladder) (1/2)



Date	Author	Title
21 Mar 2025	J.C. Osorio Iriarte	Safety and efficacy of using small 7.5 Fr single use scope for pediatric flexible ureterorenoscopy
21 Mar 2025	E. Hellmis	Prespecified Third Interim Analysis of the Darolutamide Observational (DAROL) Study in Patients with Nonmetastatic Castration-Resistant Prostate Cancer (nmCRPC): European Subgroup Analysis
21 Mar 2025	F. Osorio Ospina	Impact of PSA decrease on efficacy in patients with metastatic hormone-sensitive prostate cancer treated with apalutamide: Real world data of a multicentric study
21 Mar 2025	A. Dematteis	Trends in reporting prostate cancer unconventional histologies at radical prostatectomy: results from a large multicentre retrospective cohort
21 Mar 2025	G. Tasian	Genetic Testing Results for Children and Adolescents with Kidney Stone Disease
21 Mar 2025	M.L. Gallo	Robot-assisted mesh removal: early results on feasibility, safety and efficacy from an Academic Referral Center
21 Mar 2025	N. d'Altilia	Trifecta in Robotic Da Vinci Xi Sacrocolpopexy with Anterior and Posterior vaginal mesh. Functional results and Complications in single center experience.

Notable Presentations Information at EAU '25

Urological Cancer (Prostate and Bladder) (2/2)



Date	Author	Title
21 Mar 2025	P.G. Cammisotto	Prostate organoids as a new model to study the role of neurotrophins in benign prostate hyperplasia
21 Mar 2025	T. Sadahira	Significance of targeted antimicrobial prophylaxis using rectal-culture selective screening media prior to transrectal prostate biopsy: A multicenter, randomized controlled trial
21 Mar 2025	T. Al-Hammouri	Comparison of diagnostic accuracy of Luminal Water Index and standard-of-care MRI for Accelerated detection of significant prostate cancer – CLIMATE study protocol
22 Mar 2025	H. Moattar	The Role of Sperm DNA Fragmentation in Fertilization Success and Embryo Aneuploidy: A Retrospective Study of PGT-A ICSI Cycles in Couples with Recurrent Implantation Failure
22 Mar 2025	Y-H. Lin	The pivotal role of TEKIN 1 and TEKIN 4 protein in sperm formation
22 Mar 2025	M. Taheem	A prospective cohort study evaluating the efficacy of Optilume balloon dilation of bulbar urethral strictures
24 Mar 2025	V. Talavera Cobo	Prostate-specific membrane antigen positron emission tomography (PSMA PET/CT) for local staging of prostate cancer: diagnostic efficacy and comparison with Magnetic Resonance imaging (MRI) in high risk patient.

Notable Presentations Information at EAU '25

Renal and Urological Stones (1/2)



Date	Author	Title
21 Mar 2025	C. Tan	Ultrasound-guided micro-access percutaneous nephrolithotomy: A retrospective safety and efficacy cohort study
21 Mar 2025	D. Ragoori	Direct in-scope suction technique (DISS) for flexible ureteroscopy in kidney stones. An EAU endourology prospective audit study using the newly designed GLITZ system.
21 Mar 2025	A. Delgado	Efficacy of the tumbarello score in urinary tract infections caused by extended-spectrum beta-lactamase-producing enterobacteria.
21 Mar 2025	A. Higazy	Flexible mini-percutaneous nephrolithotomy versus retrograde intra-renal surgery for the treatment of renal stones: A randomized controlled trial
21 Mar 2025	H. Alfambra Fernandez	Outcomes of percutaneous nephrolithotomy in kidney transplant recipients: a multicentric study. On behalf of the renal transplant group of the Spanish Urology Association
22 Mar 2025	E. Erol	Comparison of Efficacy and Ureteral Stricture Formation with Low- and High-Power Holmium Lasers in Ureteral Stones: A Prospective Multicenter Study
22 Mar 2025	E. Atias	Cannabis extract as a second line therapy of acute renal colic: Prospective randomized double-blind placebo-controlled trial

Notable Presentations Information at EAU '25

Renal and Urological Stones (2/2)



Date	Author	Title
22 Mar 2025	N/A	Exploring association between gut microbiota and nephrolithiasis: A two-sample Mendelian randomization study
22 Mar 2025	Y. Na	Risk assessment for urolithiasis using polygenic risk score and biomarker cluster: population-based cohort study in the United Kingdom and Hong Kong
22 Mar 2025	X. Li	The antifouling effect of phosphorylcholine coated ureteral stent: a preclinical study
22 Mar 2025	C. Nedbal	AI-Driven Analysis of Predictors and Infectious Complications in Ureteroscopy for Stone Disease: Insights AI-Driven Analysis of Predictors and Infectious Complications in Ureteroscopy for Stone Disease: Insights from the FLEXOR Registry – A study by the section of EAU Endourology

Notable Presentations Information at EAU '25

Urology Surgical Techniques



Date	Author	Title
21 Mar 2025	U. Anceschi	A novel urodynamic scoring system for evaluating continence quality outcomes of totally intracorporeal robotic orthotopic ileal neobladders at mid-term follow-up: results of a prospective multicentric series
21 Mar 2025	L.J. Schmalbrock	Self-Efficacy in Long-Term Prostate Cancer Survivors
21 Mar 2025	C. Ng	The efficacy and safety of disitamab vedotin (RC48-ADC) combined with immune checkpoint inhibitors in patients with metastatic upper tract urothelial carcinoma: A multicenter real-world study
23 Mar 2025	H. Chen	First-in-human study of a novel aptamer-based PET imaging agent targeting PTK7 for the noninvasive diagnosis of bladder cancer
23 Mar 2025	A. Pon Avudaiappan	A comparative study on survival outcomes between radical prostatectomy versus dose-escalated radiation with androgen deprivation in node-positive prostate cancer
23 Mar 2025	C. de Broucker	Robot-assisted radical prostatectomy by Da Vinci® and Toumai® robotic system: first comparative single surgeon multi-center study
23 Mar 2025	L.M.S. Borges Pinto	Safety and efficacy of a ureteral biodegradable stent – an in vivo comparative study

Notable Presentations Information at EAU '25

Pediatric Urology (1/2)



Date	Author	Title
21 Mar 2025	H. Liu	Pediatric ureteral stent-related symptom reporting: results from a questionnaire study
21 Mar 2025	A. Halinski	ESWL in pediatric population in one day surgery - prospective study.
21 Mar 2025	L.G. Morato De Toledo	Efficacy and safety of first and repeated abobotulinum toxin a injections for idiopathic overactive bladder: Results of a prospective randomized trial over 10 years
22 Mar 2025	B.D. Terada	Effectiveness of Methenamine Hippurate in Preventing Urinary Tract Infections: an Updated Systematic Review, Meta-Analysis and Trial Sequential Analysis of Randomized Controlled Trials
22 Mar 2025	Y. Quiroz Madarriaga	30 day operative outcomes of using the flexible and navigable suction ureteral access sheath (FANS-SUAS) in flexible ureteroscopy in children for renal calculi .A prospective multicentre study.
22 Mar 2025	J.M. Chung	Efficacy and safety of mirabegron compared with anticholinergics in treatment of overactive bladder in children: single-center retrospective study
22 Mar 2025	A. Halinski	Difficulties in endourological procedures after anti-reflux ureter transplantation due to VUR - prospective study.

Notable Presentations Information at EAU '25

Pediatric Urology (2/2)



Date	Author	Title
22 Mar 2025	A.P. Sharma	Evaluation of clinicopathological factors and outcomes of treating leucocytospermia in infertile men: An interventional study
22 Mar 2025	A. Pon Avudaiappan	Evaluation of the survival outcomes comparing partial nephrectomy and ablation technique for stage I renal tumors among octogenarians: A propensity-matched study
22 Mar 2025	H. Liu	A randomized controlled trial comparison of stent-related symptoms between anti-reflux stents and standard double-J stents in school-age children
22 Mar 2025	S. Milivojevic	Upper urinary tract outcome after bowel management in spina bifida children with neurogenic bowel and bladder dysfunction.
22 Mar 2025	T-N. Lee	Exploring the Novel Therapeutic Role of Topical Choline Salicylate: A Safe and Effective Alternative to Betamethasone for Non-Retractile Phimosis in Children
22 Mar 2025	M. Cetin	"The effect of multimedia use in the informed consent process on the anxiety level in the parents of children undergoing orchiopexy: Prospective randomized controlled study"

Notable Presentations Information at EAU '25

Prostate Cancer Treatment and Diagnosis



Date	Author	Title
21 Mar 2025	F. Zattoni	Best YAU paper published in 2024 Follow-up on patients with initial negative mpMRI target and systematic biopsy for PI-RADS ≥ 3 lesions - an EAU-YAU study enhancing prostate cancer detection
22 Mar 2025	G. Francolini	Impact of BRCA status within a randomized phase II trial testing Abiraterone +/- stereotactic body radiotherapy in castrate resistant prostate cancer (ARTO-NCT03449719)
22 Mar 2025	A. Singh	Comparative study of perioperative and survival outcomes after Robot-assisted video endoscopic inguinal lymphadenectomy (RA-VEIL) done through Conventional and Lateral Approach in Management of inguinal lymph nodes in Carcinoma of the penis.
23 Mar 2025	M. Oderda	Efficacy and tolerability of androgen receptor targeted agents (ARTAs) in patients with metastatic castration-resistant prostate cancer (mCRPC) in different treatment sequences
23 Mar 2025	T-D. Wang	A randomized comparison between Selution SLR™ sirolimus-eluting balloon and plain old balloon angioplasty in patients with distal internal pudendal-penile artery disease, erectile dysfunction and/or lower urinary tract symptoms: the PERFECT-SELUTION first-in-man study
23 Mar 2025	B.A. Maiorano	Outcomes of immune-checkpoint inhibitor rechallenge in urothelial carcinoma: results from a global real-world evidence study
24 Mar 2025	P.K-F. Chiu	A multi-center randomized controlled trial comparing the detection of clinically significant prostate cancer by MRI-targeted approach versus 24-core transperineal systematic biopsy: final results of the SMART trial.

Notable Presentations Information at EAU '25

Bladder Cancer Treatment and Management (1/3)



Date	Author	Title
21 Mar 2025	N/A	Effectiveness of adjuvant disitamab vedotin combined with PD-1 inhibitor for high recurrence risk patients with upper tract urothelial carcinoma: a preliminary study
21 Mar 2025	M. Ynddal	The Introduction of Mycotic Prophylaxis At Cystectomy Trial, IMPACT. Perioperative mycotic prophylaxis to reduce postoperative complications following cystectomy – study protocol for a double-blinded, placebo-controlled, randomized clinical trial.
21 Mar 2025	J.W.F. Catto	A randomised, double-blind Phase II study of autogene cevumeran + nivolumab (nivo) vs nivo as adjuvant therapy for patients with high-risk muscle-invasive urothelial carcinoma (MIUC)
21 Mar 2025	A.K. Chawla	Predictors of Sepsis following PCNL and a comparative study of SIRS, qSOFA, NEWS, and AKI as precursors of septic shock: A prospective study from University teaching Hospital
21 Mar 2025	B-M. De Ruiter	Efficacy and safety of chemoradiotherapy with concurrent nivolumab and ipilimumab for muscle invasive bladder cancer
21 Mar 2025	Z. Zhou	Adjuvant intraarterial chemotherapy improves the survival of patients with stage IIIA-IIIB bladder urothelial carcinoma after radical cystectomy: an open-label, prospective, randomized clinical trial
21 Mar 2025	M. De Angelis	Real-World Adoption and Impact of Neoadjuvant Chemotherapy on Survival Outcomes in Bladder Cancer: A 20-Year follow-up Multi-Center Study



Notable Presentations Information at EAU '25

Bladder Cancer Treatment and Management (2/3)



Date	Author	Title
23 Mar 2025	Z. Liu	Predictive performance of logistic regression vs. C5.0 decision tree for female stress urinary incontinence: a multicenter retrospective cohort study
23 Mar 2025	K. Hirokazu	Clinical significance of PSA dynamics in castration-sensitive prostate cancer treated with ARSI doublet therapy: Results of a multicenter cohort study
23 Mar 2025	P.B. Hjort	The impact of PDD on recurrence and progression in BCG-treated NMIBC patients: a nationwide follow-up study
24 Mar 2025	C. Ng	Long Term Outcome of Transurethral Laser Ablation (TULA) of Non-Muscle Invasive Bladder Cancer (NMIBC): A 1-year and 5-year EORTC Risk-Matched Study
24 Mar 2025	P. Scilipoti	Comparative Analysis of Bacillus Calmette-Guérin Therapy Versus Immediate Radical Cystectomy in High-Risk and Very High-Risk Non-Muscle Invasive Bladder Cancer: A European Multicenter Study
24 Mar 2025	Y.J. Shen	Preliminary efficacy and safety of Disitamab Vedotin combined with Bacillus Calmette-Guérin in the treatment of high-risk non-muscle invasive bladder cancer with HER2 expression: A prospective, open label, single-center study
24 Mar 2025	P. Anderson	First-in-Human Study of RAG-01, a Novel Small Activating RNA Therapeutic in BCG Failure Non-Muscle Invasive Bladder Cancer (NMIBC) Patients

Notable Presentations Information at EAU '25

Bladder Cancer Treatment and Management (3/3)



Date	Author	Title
24 Mar 2025	X. Chen	Intravesical Disitamab vedotin (RC48) for HER2-expressing high-risk non-muscle-invasive bladder cancer: an open-label, single-arm, dose-escalation phase I trial
24 Mar 2025	S. Luzzago	A phase III prospective randomized trial to evaluate the impact of augmented reality during robot-assisted radical prostatectomy on the rates of postoperative surgical margins: results after ad interim analysis
24 Mar 2025	N. Tanaka	Long term survival and oncologic outcomes of a nationwide Japanese prostate cancer outcome study of permanent iodine-125 seed implantation (J-POPS) study

Notable Presentations Information at EAU '25

Urology Imaging and Technology



Date	Author	Title
23 Mar 2025	A. Govorov	New methods for preventing lymphatic complications during robot-assisted radical prostatectomy and pelvic lymph nodes dissection: results of a comparative prospective randomized trial
24 Mar 2025	M. Jahnen	Precision biopsy for the detection of prostate cancer Results of the prospective, randomized FAST – study
24 Mar 2025	S.L.A. Scuderi	Fully hybrid 18F-PSMA PET/MRI as a One-Stop Approach for the Diagnosis of Clinically-Significant Prostate Cancer: Preliminary Findings from a Phase II Prospective Trial
24 Mar 2025	D.L. van den Kroonenberg	Preliminary Data of an AI-Powered Computer-Aided Diagnosis Pathway Using 3D Multiparametric Ultrasound vs. MRI for Detecting Clinically Significant Prostate Cancer: A Paired Diagnostic Study
24 Mar 2025	D. Cannoletta	Impact of Centralized mpMRI Revision and PI-QUAL V2 Score on the Diagnostic Accuracy of mpMRI and Clinically Significant Prostate Cancer Detection in Men with Clinical Suspicion of Prostate Cancer. Results from a Prospective, Single-institution Series
24 Mar 2025	Q. Lei	Preclinical study of a high-specificity fluorescent molecular probe based on aptamers for fluorescence cystoscopy

Notable Presentations Information at EAU '25

Transplantation and Renal Surgery (1/2)



Date	Author	Title
21 Mar 2025	A. Pecoraro	The impact of pre-implantation donor biopsy on kidney transplantation outcomes: a single-center cohort study
21 Mar 2025	N. De Fuentes	Management of Renal Grafts with Multiple Arteries in Robotic-Assisted Kidney Transplantation: Are There Differences Between Bench Surgery and Independent Anastomosis? Results from the ERUS-RAKT Group
21 Mar 2025	U. Naoki	Prognostic significance of subclassifying pathological T3 upper tract urothelial carcinoma: Results from a multicenter cohort study
21 Mar 2025	Y. Bao	Kidney-sparing approach for selected localized high-risk upper tract urothelial carcinoma: a pilot study combining endoscopic Thulium laser ablation with perioperative Disitamab Vedotin and immune checkpoint inhibitors
21 Mar 2025	C.V. Kesch	A phase I/II study of neoadjuvant, intra-arterial administration of (177Lu)lutetiumvipivotidetraxetan in subjects with high-risk, localised or locally advanced prostate cancer (LUPUS)
21 Mar 2025	Y. Volz	Preoperative Activity before Radical Cystectomy - The PRACTICE Study
22 Mar 2025	A. González Serrano	Postoperative Complications and Death-Censored Graft Survival in Older vs. Younger Kidney Transplant Recipients: A 10-Year Single-Center Cohort Study

Notable Presentations Information at EAU '25

Transplantation and Renal Surgery (2/2)



Date	Author	Title
23 Mar 2025	A.K. Czech	Lymph node dissection Before or After Cystectomy Pilot (LBOAC-P) Randomized Controlled Trial
23 Mar 2025	F. Soria	Preoperative predictors of muscle-invasive disease in patients undergoing Radical Nephroureterectomy for Upper Tract Urothelial Carcinoma: results from a large international retrospective series
24 Mar 2025	X. Wang	A prospective cohort study comparing the efficacy of neoadjuvant abiraterone +/- docetaxel followed by radical prostatectomy with up-front radical prostatectomy in locally advanced prostate cancer

Notable Presentations Information at EAU '25

Urology Psychological and Quality of Life Studies



Date	Author	Title
21 Mar 2025	R. Adam	Effective psychological interventions for functional urological disorders: extended results from the Urology Psychology Service pilot
21 Mar 2025	A. Keles	The Impact of Caregiver Self-Efficacy, Preparedness, and Burden on Health-Related Quality of Life in Urological Oncology Patients: A Prospective Single-Center Study
21 Mar 2025	D-D. Nguyen	Patient-reported outcomes of the MAST (Metformin Active Surveillance Trial) study: Analysis of a randomized, double-blind, placebo-controlled trial
21 Mar 2025	K.S. Haider	Long-term testosterone therapy in men with type 2 diabetes is associated with improved urinary function and quality of life
21 Mar 2025	H. Johnson	Impact of Testosterone Replacement Therapy on Quality of Life in Testosterone-Deficient Men: A 12-Month Analysis of qADAM Scores
22 Mar 2025	C.H.H. Christiaans	Patient satisfaction and quality of life in long-term urinary catheter users in the Netherlands: A nationwide survey study
24 Mar 2025	O.M. Perera	Assessing efficacy of Transcutaneous Tibial Nerve Stimulation (TTNS) regimens in patients with overactive bladder

Notable Presentations Information at EAU '25

Incontinence and Sexual Health (1/3)



Date	Author	Title
22 Mar 2025	K. Alotaibi	Assessing the impact of postoperative antibiotic prophylaxis on urinary tract infection rates after holmium laser enucleation of the prostate: Results of a randomized clinical trial
22 Mar 2025	M. Cetin	The effect of multimedia use in the informed consent process on the anxiety level in the parents of children undergoing orchiopexy: Prospective randomized controlled study
22 Mar 2025	F. Negri	Sexual Function and Psychological Well-Being Following Surgical Treatment for Penile Cancer: A Comparative Study
23 Mar 2025	A. Lavigne	10 year outcomes for the Adjustable Trans-Obturator Male System (ATOMS) for stress urinary incontinence: long term device survival, efficacy and complications
23 Mar 2025	D. Robesti	Evaluation of Thermal Safety Distances for Laser Lithotripsy: A Bench Model Study in Renal Calyx
23 Mar 2025	J. Rohn	A human cell-based urothelial microtissue model to study catheter-induced mucoadhesion and microtrauma
23 Mar 2025	M. Lu	Low-intensity shockwave therapy combined with tadalafil 5mg daily has better efficacy for mild and moderate erectile dysfunction: the preliminary results of a multicenter clinical study in China

Notable Presentations Information at EAU '25

Incontinence and Sexual Health (2/3)



Date	Author	Title
23 Mar 2025	E. Fernandez Pascual	Short- to Medium-Term Efficacy of Percutaneous Electrical Stimulation of the Pudendal Nerve in Patients with Erectile Dysfunction: Interim Analysis of a Randomized Clinical Trial
23 Mar 2025	A.L. Pastore	10 years follow-up outcomes of pelvic floor muscle rehabilitation for premature ejaculation treatment: analysis of a multicentre retrospective study
23 Mar 2025	V. Petov	Minimally invasive enucleation of the prostate (MILEP) with thulium fiber laser: preliminary results
23 Mar 2025	B. Pradère	Exploration of eJaculatory Anatomy Concept: The EJAC Study
23 Mar 2025	D. Elterman	Impact of Rezum Therapy on Sexual Function and Retrograde Ejaculation: A 12-Month Prospective Study
23 Mar 2025	L. Lund	Peyronie's disease and risk of depression. A nationwide 25 years cohort study
23 Mar 2025	M. Lu	Low-intensity shockwave therapy combined with tadalafil 5mg daily has better efficacy for mild and moderate erectile dysfunction: the preliminary results of a multicenter clinical study in China

Notable Presentations Information at EAU '25

Incontinence and Sexual Health (3/3)



Date	Author	Title
24 Mar 2025	X. Biardeau	Short-term efficacy of sacral neuromodulation on cystometry parameters in patients with detrusor overactivity
24 Mar 2025	S. Mancon	Association of energy source with outcomes in en bloc TURB. Secondary analysis of a randomized trial
24 Mar 2025	A.L. Pastore	Comparing energy versus energy-free dissection of the neuro-vascular bundles during robot assisted radical prostatectomy: a prospective study to investigate early functional outcomes.
24 Mar 2025	S. Mancon	Association of energy source with outcomes in en bloc TURB. Secondary analysis of a randomized trial

Notable Presentations Information at EAU '25

Epidemiological and Global Health (1/2)



Date	Author	Title
22 Mar 2025	M-C. Liu	Global burden of urolithiasis among women of childbearing age from 1990 to 2021: analysis of data from the Global Burden of Disease Study 2021
22 Mar 2025	R.C.A. Leenen	Prostate cancer mortality in men not attending a population-based screening program: the 'good', the 'bad', and the 'ugly' after 20-year follow-up in the European Randomized study of Screening for Prostate Cancer
22 Mar 2025	M. Mariaz	Risk of clinically significant prostate cancer by polygenic risk score, family history, and prostate-specific antigen: 8-year findings from the prospective STHLM3 study
23 Mar 2025	P. Scilipoti	Incidence and prognostic implications of PSA persistence and relapse after radical prostatectomy. A population-based study
23 Mar 2025	A. Bertini	The impact of COVID-19 pandemic on bladder cancer incidence and stage at presentation: Results from a population-based cohort
23 Mar 2025	M.M. Haslund	Mental health impact in Peyronie's Disease: The MIND-PD study
23 Mar 2025	A. Bertini	The impact of COVID-19 pandemic on bladder cancer incidence and stage at presentation: Results from a population-based cohort

Notable Presentations Information at EAU '25

Epidemiological and Global Health (2/2)



Date	Author	Title
23 Mar 2025	G. Arguelles Morales	Evaluation of the clinical and demographic characteristics of patients with renal trauma and the impact on the selection of definitive therapy in a tertiary level hospital in Mexico.
23 Mar 2025	A. Orsini	Peyronie's Disease: A Real-World, 13-Year Nationwide Analysis of Demographics, Clinical Characteristics, and Treatment Trends
23 Mar 2025	P. Scilipoti	Incidence and prognostic implications of PSA persistence and relapse after radical prostatectomy. A population-based study
24 Mar 2025	S. Hatakeyama	The diversity of BCG adverse events as a predictor of oncological outcomes in patients with non-muscle-invasive bladder cancer: A multicenter retrospective study
24 Mar 2025	H. Ugge	Anti-Inflammatory Diet Index (AIDI) and Bladder Cancer Risk: A 22-Year Prospective Swedish Cohort Study (1998–2020)



Key Industry Sponsored Symposia Information

EAU 2025 Key Industry Sponsored Symposia Information (1/8)



Date	Sponsor	Title
21 Mar 2025	AstraZeneca	<u>Navigating mHSPC: Charting a course in a complex therapeutic landscape</u>
		<u>The mHSPC management landscape on the horizon</u>
		<u>Mapping the path forward in mHSPC: Discussing clinical perspectives</u>
21 Mar 2025	Pfizer	<u>Transforming mCRPC treatment with elevated survival: insights into PARPi + ARPi combination</u>
		<u>Molecular mastery: The science behind PARPi and ARPi combination therapy</u>
		<u>Breaking the OS barrier with PARPi + ARPi combinations</u>
		<u>Real-world resilience: Who to treat and how to manage PARPi + ARPi combinations</u>





EAU 2025 Key Industry Sponsored Symposia Information (2/8)

Date	Sponsor	Title
21 Mar 2025	medac	<u>BCG Immunotherapy in the Contemporary Management of Patients with HR and VHR NMIBC</u>
		<u>Changing the Natural History of Disease in Selected Patients with CIS or Very High Risk NMIBC</u>
		<u>Effective and Efficient Pathway for Contemporary Management of Patients with High Risk NMIBC</u>
		<u>Optimizing BCG Side Effect Management to Improve Patient Compliance</u>
21 Mar 2025	Johnson & Johnson	<u>Mind the gap: Diversity in genitourinary (GU) medicine</u>
		<u>Breaking barriers: The importance of female representation in GU medicine</u>
		<u>Closing the gap: Building a diverse future in GU care</u> <u>Driving forwards: Overcoming challenges to diversity in GU</u>





EAU 2025 Key Industry Sponsored Symposia Information (3/8)

Date	Sponsor	Title
21 Mar 2025	IBSA Group	<u>Experts' insights into cystitis: GAGs layer restoration and proven breakthroughs</u>
		<u>Radiation-induced cystitis: magnitude of the disease and clinical management</u>
		<u>Rationale of addressing BCG-induced cystitis with intravesical GAGs therapy: first experiences</u>
		<u>Improve the quality of recovery following HoLEP using combined hyaluronic acid and chondroitin sulphate instillation</u>
22 Mar 2025	Accord Healthcare	<u>LHRH antagonists in prostate cancer: myths and facts</u>
		<u>Beyond prostate cancer: Do Androgen Deprivation Therapy choices impact cardiovascular outcomes?</u>
		<u>Patients with lower urinary tract symptoms (LUTS): Does the choice of Androgen Deprivation Therapy matter?</u>





EAU 2025 Key Industry Sponsored Symposia Information (4/8)

Date	Sponsor	Title
22 Mar 2025	Bayer	<u>Precision meets collaboration: Advancing personalized multidisciplinary care for mHSPC</u>
		<u>Treatment intensification in mHSPC: Exploring the latest clinical evidence</u>
		<u>From evidence to excellence: Personalizing mHSPC care for optimal outcomes</u>
		<u>Advancing multidisciplinary strategies in prostate cancer care: What lies ahead?</u>
22 Mar 2025	Astellas	<u>Optimising OAB management to advance patient outcomes</u>
		<u>The evolution of care: Advancing OAB treatment through the years</u>
		<u>Keeping the momentum: Innovating the future of OAB care</u>



EAU 2025 Key Industry Sponsored Symposia Information (5/8)

Date	Sponsor	Title
22 Mar 2025	Pierre Fabre	<u>Optimizing LUTS and OAB Management: Striving for personalized approaches</u>
		<u>LUTS: From the importance of initial assessment & not forgetting to consider the detrusor</u>
		<u>How to better tailor treatments: BPO/BPE individualized treatment plans</u>
		<u>Latest clinical research findings in OAB pharmacological treatment</u>
22 Mar 2025	Astellas	<u>Shifting paradigms: Redefining the first-line standard of care for patients with advanced UC</u>
		<u>Maximising outcomes in advanced UC: The critical importance of putting first things 1st</u>
		<u>New evidence, new standards: The impact of the latest data on the treatment landscape</u> <u>Driving the change in UC care: Applying the new guidelines across the disease continuum</u>





EAU 2025 Key Industry Sponsored Symposia Information (6/8)

Date	Sponsor	Title
22 Mar 2025	Johnson & Johnson	<u>Challenges of managing patients with NMIBC: From risk stratification to treatment and beyond</u>
22 Mar 2025	Boston Scientific	<u>Discover the growing significance of shared decision-making in managing BPH, aligned with the latest guidelines and patient needs.</u>
22 Mar 2025	AstraZeneca	<u>Shaping the Future of Muscle-Invasive Bladder Cancer Care: Immunotherapy in Focus</u>
		<u>Evolving role of immunotherapy for MIBC: Exploring the latest clinical evidence</u>
		<u>Optimizing MIBC care: practical strategies with an eye on tomorrow</u>
23 Mar 2025	Johnson & Johnson	<u>Navigating the prostate cancer journey: Addressing unmet needs and treatment innovations</u>
23 Mar 2025	OM Pharma	<u>Bridging the gap between guidelines and clinical practice in the management of UTIs</u>





EAU 2025 Key Industry Sponsored Symposia Information (7/8)

Date	Sponsor	Title
23 Mar 2025	Astellas	<u>Changing the Trajectory of Prostate Cancer Outcomes</u>
		<u>Systemic treatment of patients with HSPC in the era of molecular imaging: Are any changes in treatment to be expected?</u>
23 Mar 2025	ferring pharmaceuticals	<u>Bladder cancer: current treatment landscape in NMIBC and future directions</u>
		<u>Intermediate-risk NMIBC – how to classify, how to treat, which studies are ongoing?</u>
		<u>The evolving landscape of bladder cancer: NMIBC – ongoing clinical trials – what’s next?</u>
23 Mar 2025	Gedeon Richter	<u>Mastering the bone challenge in prostate cancer</u>
		<u>Lecture 1 &2 : Mastering bone health in prostate cancer: The urologist’s and osteologist’s perspective</u>



EAU 2025 Key Industry Sponsored Symposia Information (8/8)



Date	Sponsor	Title
23 Mar 2025	GE HealthCare	<u>Building TP Prostate Biopsy Confidence with Local Anesthesia and MRI-US Fusion Technology</u>
		<u>Tips to a better Transperineal Biopsy - Key procedural aspects</u>
		<u>Biopsy planning and software integration</u>
		<u>Key procedural aspects and technique tips for local anesthesia success</u>





Themes from key AI / ML presentations at EAU 2025 (1/3)

- **Key AI/ML themes of EAU 2025 includes the role of integration of AI and machine learning in urology in transforming clinical practice, enabling more accurate diagnoses, predictive modeling, and improved decision-making for personalized treatment and better patient outcomes**
- Check out the key AI / ML themes at EAU 2025 below:
- **Artificial Urinary Sphincter (AUS) and AI Integration:**
 - Sessions will highlight the [role of AI in predicting complications and optimizing surgical techniques for AUS implantation](#), particularly in complex cases like severe pelvic trauma and neurogenic incontinence
- **Machine Learning in Bladder Cancer:**
 - Presentations will explore the [use of AI models to predict muscle invasiveness, recurrence, and progression in bladder cancer](#) using diagnostic imaging and radiomics features
- **AI in Prostate Cancer Diagnosis:**
 - Discussions will emphasize [how AI enhances prostate cancer diagnosis by reducing biopsy rates and predicting clinical outcomes](#) using imaging, biopsies, and patient data



Themes from key AI / ML presentations at EAU 2025 (2/3)

- **Robotic Surgery and AI Support:**

- Sessions will focus on AI tools that assist in robot-assisted surgeries by improving intraoperative guidance, identifying surgical anatomy, and minimizing complications like uretero-enteric strictures

- **Machine Learning for Predicting Surgical Outcomes:**

- Research will showcase AI models that predict postoperative survival, recurrence, and complications in procedures like radical nephrectomy and prostatectomy, helping refine treatment planning

- **AI for Personalized Treatment Plans:**

- Presentations will cover how AI-driven models provide personalized predictions for cancer progression and treatment responses, offering tailored options to improve patient outcomes

- **AI in Urodynamics and Incontinence:**

- AI's application in interpreting urodynamic studies, detecting stress urinary incontinence, and enhancing diagnostic accuracy through machine learning models will be discussed



Themes from key AI / ML presentations at EAU 2025 (3/3)

- **Generative AI in Decision-Making:**

- Discussions will focus on how generative AI tools aid in shared decision-making (SDM), enhancing the accuracy and reliability of information for both patients and clinicians in urology

- **AI for Predicting Renal Function and Cancer Subtypes:**

- Research will explore the use of AI models to predict renal function after nephrectomy and differentiate renal cell carcinoma subtypes through multiomics data and deep learning algorithms

- **AI in Flexible Ureteroscopy and Endourology:**

- Presentations will explore machine learning models applied in flexible ureteroscopy and endourology, aiming to optimize stone removal techniques and improve procedural outcomes



Noteworthy AI / ML presentations at EAU 2025

Notable Presentations Information At EAU 2025

AI / ML (1/14)



Date	Author	Title
21 Mar 2025	E. Chartier-Kastler	State-of-the-art lecture Electromechanical artificial sphincter: Is the future (finally) here?
21 Mar 2025	T.J. Greenwell	Use the gold standard: Artificial urinary sphincter
21 Mar 2025	L. Zhao	State-of-the-art lecture Salvage techniques for male artificial urinary sphincter in frail urethra
21 Mar 2025	L. López-Fando Lavalle	Update on the VENUS registry on female artificial urinary sphincters
21 Mar 2025	C. Cerrato	The role of generative AI in SDM
21 Mar 2025	I. Selvi	A novel artificial intelligence model to identify patients with unilateral hydronephrosis who require pyeloplasty for ureteropelvic junction obstruction
21 Mar 2025	A. Dubois	Robotic female artificial urinary sphincter implantation vs male artificial urinary sphincter implantation for non-neurogenic stress urinary incontinence

Notable Presentations Information At EAU 2025

AI / ML (2/14)



Date	Author	Title
21 Mar 2025	A.O.M.A.S Khalifa	Outcomes of Artificial Urinary Sphincter for Stress Urinary Incontinence in Women: A Systematic Review and Meta-Analysis
21 Mar 2025	F. Vasconcelos Ordones	A novel machine learning-based predictive model of clinically significant prostate cancer and online risk calculator
21 Mar 2025	Y. Noor Ashani	Diversity in technology: Future of robotic surgery in South East Asia
21 Mar 2025	K-F. Kowalewski	How can AI assist in urological surgery?
21 Mar 2025	T.X. Lin	Application of artificial intelligence in diagnosis of bladder cancer
21 Mar 2025	J. Desai	Artificial intelligence and machine learning in endo urology – how beneficial it can be!
21 Mar 2025	S. Rodler	Clinical case presentation and new AI tools

Notable Presentations Information At EAU 2025

AI / ML (3/14)



Date	Author	Title
21 Mar 2025	NA	Artificial intelligence and robotic showcases
21 Mar 2025	M.I Dönmez	Advancing paediatric care: The role of artificial intelligence
21 Mar 2025	B. Turney	State-of-the-art lecture AI is the future
21 Mar 2025	Y. Mytsyk	Forecasting the consistency and vascular patterns of renal cell carcinoma venous tumor thrombus: a machine learning and volumetric MRI approach
21 Mar 2025	L. Yao	Exploratory attempts on distinguishing of clear cell and non-clear cell renal cell carcinomas by radiomics features from corticomedullary CT based on deep learning segmentation
21 Mar 2025	S. Zhu	Utilizing Pathomics Data and Transformer-Based AI Models for Identification of Translocation Renal Cell Carcinoma: A Comprehensive Multicenter Study
21 Mar 2025	F. Friedersdorff	Influence of hypothermic and normothermic machine perfusion on renal grafts using a murine model of machine perfusion

Notable Presentations Information At EAU 2025

AI / ML (4/14)



Date	Author	Title
22 Mar 2025	B. Geavlete	Channel 1 Overcoming the need of fancy laser machines
22 Mar 2025	R. Mallet	Channel 0 HOLEP with MOSES technology
22 Mar 2025	E. Chartier-Kastler	Channel 3 Artificial urinary sphincter: The golden bullet for urinary incontinence in males
22 Mar 2025	F. Trevisani	Performance of a Novel "Fact-Checking" Generative AI pipeline for Automatically Assessing Social Media Information against Primary Sources: A pilot Randomized
22 Mar 2025	J.P. Oliveira	Artificial intelligence for urodynamic study interpretation: are available tools ready for primetime?
22 Mar 2025	J.H. Lee	Artificial Urinary Sphincter in Neurogenic versus Non-Neurogenic SUI: Key Differences and Special Considerations for Neurogenic Cases
22 Mar 2025	B. Aljardali	Complications of male stress urinary incontinence surgery: a comparison of urethral sling vs artificial urinary sphincter using a US national database

Notable Presentations Information At EAU 2025

AI / ML (5/14)



Date	Author	Title
22 Mar 2025	F. Friedersdorff	Comparison of Perioperative Outcomes in HoLEP for Standard-Sized Prostates ≤ 149 ml and Massive Prostates ≥ 150 ml: Retrospective Analysis of a Propensity Score-Matched Cohort of 326 Patients
22 Mar 2025	F. Porpiglia	Artificial intelligence to guide surgery: The twin-assisted clamping
22 Mar 2025	M. Bussmann	Artificial Intelligence in healthcare - what it means for urologists
22 Mar 2025	W. Yuma	Timing and localization of device-related infections after artificial urinary sphincter implantation: an exploratory evaluation for conservative treatment
22 Mar 2025	F. Panthier	A Machine Learning Model to predict the zero-fragment rate and lower pole access with FANS during Flexible Ureteroscopy-an EAU section of Endourology study
22 Mar 2025	M. Moriconi	Robot-assisted artificial urinary sphincter implantation in women – overview of a posterior and an anterior approach
22 Mar 2025	S.J. Yun	Development of a Machine-Learning Model for Predicting NMIBC Recurrence Using a 16-Gene Panel

Notable Presentations Information At EAU 2025

AI / ML (6/14)



Date	Author	Title
22 Mar 2025	K. Ahmed	Evidence of Transurethral resection (TURP) and transurethral electrovaporization: Evolution of bipolar technology - When – How what
23 Mar 2025	J. Huang	Application of an artificial intelligence model based on pelvic floor ultrasound for the diagnosis of female stress urinary incontinence
23 Mar 2025	B. Peyronnet	Perioperative outcomes of female artificial urinary sphincter implantation in Europe: preliminary data from the VENUS registry
23 Mar 2025	M-A. Perrouin Verbe	Mid- term outcomes after robot-assisted implantation of artificial urinary sphincter in female patients using posterior approach to the bladder neck and peroperative cystoscopic control.
23 Mar 2025	D. Carracedo Calvo	Female Artificial Urinary Sphincter for the Treatment of Stress Urinary Incontinence
23 Mar 2025	A. Dubois	5-year outcomes of robot-assisted artificial urinary sphincter implantation in female patients with stress urinary incontinence
23 Mar 2025	L. Lenfant	Evaluating the feasibility of Robot-Assisted artificial urinary sphincter replacement surgery in women: influence of the previous implantation surgical approach (robotic or open)

Notable Presentations Information At EAU 2025

AI / ML (7/14)



Date	Author	Title
23 Mar 2025	V. Pham-khac	Long-term outcomes and risk factors for failure and complications after implantation of an artificial urinary sphincter for stress urinary incontinence in women: a monocentric experience
23 Mar 2025	A. Dubois	Difficulties in manipulating the female artificial urinary sphincter pump: prevalence, risk factors and management
23 Mar 2025	T. Schroeder	Patient perceptions about ease of use after artificial urinary sphincter implantation: A multi-institutional prospective study (AUSCO)
23 Mar 2025	T. Schroeder	Primary Results from the Multi-institutional, Prospective Artificial Urinary Sphincter Clinical Outcomes (AUSCO) Trial
23 Mar 2025	E. Chartier-Kastler	The new artificial urinary sphincter UroActive™: results of the first in man study at one year post-activation (SOPHIA study)
23 Mar 2025	L. Lenfant	Evaluating the Impact of Centralizing Artificial Urinary Sphincter Implantation Services: A National Population-Based Model on Travel Times, Equity, and Patient Outcomes
23 Mar 2025	A. Singh	Comparative study of Thulium fibre laser vs Holmium laser with Moses technology for ureteric stones in semirigid ureteroscopy: A randomised controlled single centre trial with a 2 year follow up

Notable Presentations Information At EAU 2025

AI / ML (8/14)



Date	Author	Title
23 Mar 2025	A. Folcia	In vitro comparison of stone retropulsion between the novel CyberHo laser generator with Magneto technology and thulium fiber laser (TFL)
23 Mar 2025	Y.B. Wang	Preoperative prediction of adherent perirenal fat based on CT radiomics combined with deep learning: a prospective, multicenter study
23 Mar 2025	R. Mastroianni	Discriminating malignant and benign solid renal masses: a radiomic Machine Learning Model
23 Mar 2025	X. Li	Specialist-level Deep Learning-based Model with mp-MRI for Subtype Differentiation of Renal Carcinoma: A multi-center study
23 Mar 2025	J.C. Bravo	Utilizing an artificial intelligence model with masson's trichrome stained bladder biopsies to predict muscle invasion in bladder cancer
23 Mar 2025	Q. Lyu	Magnetic resonance imaging radiomics predicts preoperative lymph node metastasis in bladder cancer: A machine learning study.
23 Mar 2025	A. Masson-Lecomte	What about radical cystectomy in the era of new therapies and technology?

Notable Presentations Information At EAU 2025

AI / ML (9/14)



Date	Author	Title
23 Mar 2025	L. Yanjiang	Machine learning models predict the progression of long-term renal insufficiency in patients with renal cancer after radical nephrectomy
23 Mar 2025	Z. Zhao	Deep learning based on multiomics data for preoperative prediction of renal function in renal cancer
23 Mar 2025	G. Duwe	Preliminary results from the KITTU project of artificial intelligence-generated, explainable treatment recommendations for renal cell cancer based on multidisciplinary cancer conferences
23 Mar 2025	C. Nedbal	Machine Learning Models for Predicting Outcomes in Flexible Ureteroscopy: Insights from the FLEXOR International Registry – A study from the section of EAU Endourology
23 Mar 2025	V. Gaillard	Performance of a machine learning model for prediction of operative duration in flexible ureteroscopy
23 Mar 2025	G. Tasian	Fully Automated Kidney Segmentation in Pediatric Ultrasound with Deep Learning for Detection of Kidney Stones
23 Mar 2025	H. Thummar	Endourology clinic : Artificial Intelligence Vs Natural Intelligence

Notable Presentations Information At EAU 2025

AI / ML (10/14)



Date	Author	Title
23 Mar 2025	Y. Pu	Automated grading of bladder urothelial carcinoma using a deep learning model: implementation based on the who 2004 classification system
23 Mar 2025	R. Zhang	Predicting Molecular Subtypes of Muscle-Invasive Bladder Cancer Using Artificial Intelligence and Deep Learning Models
23 Mar 2025	I.O. Yilmaz	Machine Learning Analysis of Predictors for the Development of Severe Erectile Dysfunction After Penile Fracture Repair
23 Mar 2025	L.A. Jelisejevas	Artificial urinary sphincter (AUS) after severe pelvic trauma: new surgical technique (CATPUB = Combined Anterior Transmembranous Posterior Urethral Bulbar cuff placement)
23 Mar 2025	O.R. Brouwer	Ultra-sparing techniques and advanced margin assessment technology in penile cancer
23 Mar 2025	W. Chen	Transforming ureter recognition: real-time AI navigation in robot-assisted radical cystectomy using convolutional neural network
23 Mar 2025	L.A. Morgantini	Getting Started with Artificial Intelligence in Urology: Tips and Tricks in Instance Segmentation

Notable Presentations Information At EAU 2025

AI / ML (11/14)



Date	Author	Title
23 Mar 2025	H.P.N. Wong	Artificial intelligence to identify surgical anatomy for intraoperative guidance during laparoscopic donor nephrectomy
23 Mar 2025	L. Bento	Personalized prediction of five-year recurrence in prostate cancer post-focal therapy using machine learning approaches
23 Mar 2025	J. Mutaguchi	Artificial Intelligence system for detecting flat bladder tumors in cystoscopic images
23 Mar 2025	G. Kulkarni	PROGRxN-BCa, an artificial intelligence-based model to predict progression risk in non-muscle invasive bladder cancer and improve substratification of intermediate-risk disease: An international evaluation of 12659 patients
23 Mar 2025	A. Bakker	Machine learning-based quantification of ureteral ICG fluorescence during robot-assisted radical cystectomy (RARC) to minimise uretero-enteric strictures
23 Mar 2025	S.A. Medan	Artificial Intelligence in Prostate Cancer Diagnosis: Reducing Biopsy Rates through Optimized Machine Learning Models
23 Mar 2025	C. Ruiz Torres	Influence of clinical variables on the accuracy of an artificial intelligence model for prostate cancer diagnosis

Notable Presentations Information At EAU 2025

AI / ML (12/14)



Date	Author	Title
23 Mar 2025	A.F. Gutierrez Rojas	Predicting Surgical Margins in Robotic Prostatectomy: A Machine Learning Approach
23 Mar 2025	M. Mannas	Artificial Intelligence Analysis of Prostate Biopsy Stimulated Raman Histology Evaluates Peri-Tumoral Tissue to Predict Extraprostatic Extension of Prostate Cancer
23 Mar 2025	P.K-F. Chiu	Developing and Validating an Advanced Artificial Intelligence (AI) Segmentation Model to Facilitate Urologists in Performing MRI-ultrasound Fusion Biopsy
23 Mar 2025	J.J. Szczesniowski	Initial experience with a conversational artificial intelligence based virtual assistant to improve monitoring of prostate cancer patients
23 Mar 2025	NA	Body composition changes associated with survival in prostate cancer after androgen deprivation therapy using explainable artificial intelligence.
23 Mar 2025	E. Checcucci	Artificial Intelligence 3D Augmented Reality guided RARP v.s. Cognitive MRI intervention: ad interim analysis of RIDERS trial
23 Mar 2025	A. Lorincz	Real-Time Smoke Reduction in Minimally Invasive Surgery: Evaluating CLARIS for Artificial Intelligence-Driven Visualization in Robotic-Assisted Laparoscopic Prostatectomy

Notable Presentations Information At EAU 2025

AI / ML (13/14)



Date	Author	Title
23 Mar 2025	H.K. Ha	Deep learning-based image analysis for Gleason grading and tumor quantification in radical prostatectomy specimens
23 Mar 2025	D. Robesti	Artificial Intelligence and Integrity in Science: a New Challenge
23 Mar 2025	NA	Machine and Deep learning approaches for optimized individual survival prediction of upper tract urothelial carcinoma after radical nephroureterectomy
23 Mar 2025	G. Bignante	Using a Machine Learning Algorithm to Predict Muscle Invasiveness in Upper Tract Urothelial Carcinoma: Insights from the ROBUUST collaborative group
23 Mar 2025	T. Zhang	To develop and validate machine learning-based models for predicting postoperative survival in patients with renal pelvic and ureteral cancers: A comparative study
24 Mar 2025	S. Alhelal	Endoscopic enucleation of the prostate with thulium fiber laser versus MOSES™ technology for the treatment of benign prostatic hyperplasia: One-year outcomes of a randomized controlled trial
24 Mar 2025	C.C. Khoo	Serial Evaluation of Sonoflow, a Machine-Learning Sound-Based Uroflowmetry Algorithm, in Healthy Male Volunteers

Notable Presentations Information At EAU 2025

AI / ML (14/14)



Date	Author	Title
24 Mar 2025	S. Yamamoto	Improvement of deep learning-based photodynamic diagnosis positive image identification system for bladder cancer: comparison of human performance
24 Mar 2025	P. De Backer	Auxiliary technology in robotic surgery
24 Mar 2025	Y. Muto	Development of a Deep Learning Model for Enhanced Bladder Neck Dissection in Robot-Assisted Radical Prostatectomy
24 Mar 2025	C.C. Khoo	Pilot Validation of SonoFlow, a Machine-Learning Sound-Based Uroflowmetry Algorithm, in a Symptomatic Patient Population
24 Mar 2025	J. Medina Polo	Evaluation of the quality of the responses regarding Lower urinary tract symptoms (LUTS) of different generative Artificial Intelligence (AI) App in comparison with UrologuIA (generative AI App developed by urologists and urogynecologists).
24 Mar 2025	C. Saitta	Machine Learning-Driven Diagnostic Pathway for Clinically Significant Prostate Cancer: The Role of Prostate Micro-Ultrasound
24 Mar 2025	A. Navarro Beltran	Clinically significant prostate cancer detection with deep learning in a multi-center magnetic resonance imaging study.

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