Poster Session 33

Is robot-assisted partial nephrectomy the new standard?

Poster Session 33

Location: Room Milan (Hall B2, level 0)

Chairs: C.K. Bensalah, Rennes (FR)
F. Porpiglia, Turin (IT)
G.T. Sung, Busan (KR)

Aims and objectives of this presentation
To discuss the current role of RAPN

Poster viewing of 20 minutes. Presentations will take place on stage. Standard presentations are 2 minutes in length, followed by 2 minutes for discussion.

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Is robotic partial nephrectomy really safe? Analysis of >300 consecutive procedures
By: Song W., Ko K.J., Kim T.H., Jeong B.C., Jeon S.S., Lee H.M., Choi H.Y., Seo S.I.
Institutes: Samsung Medical Center, Dept. of Urology, Seoul, South Korea

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Comparison of 1,800 robotic and open partial nephrectomies for renal tumors
Institutes: CHU Rennes, Dept. of Urology, Rennes, France, Pitié-Salpêtrière Hospital, Dept. of Urology, Paris, France, CHU Bordeaux, Dept. of Urology, Bordeaux, France, CHU Toulouse, Dept. of Urology, Toulouse, France, CHU Angers, Dept. of Urology, Angers, France, CHU Rouen, Dept. of Urology, Rouen, France, Georges Pompidou Hospital, Dept. of Urology, Paris, France, Kremlin-Bicetre Hospital, Dept. of Urology, Paris, France

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1:1 Exact matched comparison of robot-associated partial nephrectomy and open partial nephrectomy on postoperative renal function
Institutes: Asan Medical Center, Dept. of Urology, Seoul, South Korea, Dankook University College of Medicine, Dept. of Urology, Cheonan, South Korea, Ulsan University Hospital, Dept. of Urology, Ulsan, South Korea

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Robotic versus laparoscopic approach for retroperitoneal partial nephrectomy
By: Gambachidze D., Cholley I., Masson-Lecomte A., Moroch J., Vordos D., Salomon L., De La Taille A.
Institutes: Henri Mondor Academic Hospital, Dept. of Urology, Creteil, France

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Robotic vs open partial nephrectomy for patients with pre-existing chronic kidney disease
Institutes: University of California, San Diego, Dept. of Urology, San Diego, United States of America, Fox Chase Cancer Center, Dept. of Urology, Philadelphia, United States of America, Spectrum Health, Dept. of Urology, Michigan, United States of America, Spectrum Health, Dept. of Urology, Grand Rapids, United States of America

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Preoperative predictors of renal failure after robot-assisted partial nephrectomy: Analysis of the Vattikuti Global Quality Initiative in Robotic Urologic Surgery (GQI-RUS) database
Association between better renal function preservation and lower volume loss between robotic partial nephrectomy and laparoscopic partial nephrectomy: A propensity score matched analysis

By: Tachibana H., Takagi T., Iizuka J., Kondo T., Tanabe K.

Institutes: Tokyo Women’s Medical University, Dept. of Urology, Tokyo, Japan

Predictive factors of TRIFECTA accomplishment during robotic partial nephrectomy: Results of a retrospective multi-institutional study

By: Benoit T., Peyronnet B., Roumiguié M., Doumerc N., Soulie M., Rischmann P., Roupret M., Vaessen C., Bensalah K., Beauval J.B.

Institutes: Chu Rangueil Toulouse, Dept. of Urology, Toulouse, France

Outcomes of robot-assisted partial nephrectomy in patients with complex renal tumours and pre-existing chronic kidney disease in a multi-institutional, multinational database

By: Dalela D.¹, Barod R.¹, Gandaglia G.², Abaza R.³, Adshead J.⁴, Ablahat R.⁵, Buffi N.⁶, Challacombe B.⁷, Dasgupta P.⁷, Moon D.⁸, Pankhania P.⁹, Porpiglia F.¹⁰, Rawal S.¹¹, Novara G.², Bhandari M.¹, Rogers C.¹, Mottrie A.²

Institutes: Henry Ford Hospital/Health System, Dept. of Urology, Detroit, United States of America, ¹OLV Vattikuti Robotic Surgery Institute, Dept. of Urology, Melle, Belgium, ²Ohio Health Dublin Methodist Hospital, Dept. of Urology, Dublin, United States of America, ³Lister Hospital, Hertfordshire and South Bedfordshire Urological Cancer Centre, Stevenage, United Kingdom, ⁴Medanta - The Medicity, Dept. of Urology and Renal Transplantation, Gurgaon, India, ⁵Humanitas Clinical and Research Center, Dept. of Urology, Rozzano Milan, Italy, ⁶King’s College London, MRC Centre For Transplantation, London, United Kingdom, ⁷Peter MacCallum Cancer Centre, Dept. of Urology, Melbourne, Australia, ⁸University of Miami Miller School of Medicine and Sylvester Comprehensive Cancer Center, Miami, United States of America, ⁹San Luigi Gonzaga Hospital, University of Turin, Dept. of Urology, Orbassano, Italy, ¹⁰Rajiv Gandhi Cancer Hospital, Dept. of Urology, New Delhi, India, ¹¹Vattikuti Urology Institute, Henry Ford Hospital, Dept. of Urology, Detroit, United States of America

Results of robot-assisted partial nephrectomy (RPN) – trifecta analysis of 145 consecutive patients

By: Zimmermanns V., Paramythelli I., Lahme S.

Institutes: Siloah St. Trudpert Hospital, Dept. of Urology, Pforzheim, Germany

Short- and mid-term impact of RAPN on renal function as assessed by renal scan

By: Luciani L.¹, Chiavon G.¹, Vattovani V.¹, Tiscione D.¹, Cai T.¹, Giusti G.², Malossini G.¹

Institutes: Santa Chiara Hospital, Dept. of Urology, Trento, Italy, ²Humanitas Research Hospital, Dept. of Urology, Milan, Italy

Endoscopic robot-assisted simple enucleation (ERASE) vs open simple enucleation (OSE) for the treatment of clinical T1 renal masses: Analysis of predictors of trifecta outcome


Institutes: Careggi University Hospital, Dept. of Urology, Florence, Italy
Comparative study of optimal outcomes on robot-assisted partial nephrectomy for T1a and T1b renal masses: Propensity score matched study


Institutes: Yonsei University College of Medicine, Dept. of Urology, Seoul, South Korea, Yonsei University College of Medicine, Dept. of Urology and Urological Science Institute, Seoul, South Korea

Robot-assisted partial nephrectomy in tumors ≥ pT1b – a feasibility study according to the MIC system

By: Harke N.N., Godes M., Wagner C., Trabs G., Schiefelbein F., Schoen G., Witt J.

Institutes: St. Antonius-Hospital Gronau GmbH, Dept. of Urology, Pediatric Urology and Urologic Oncology, Gronau, Germany, Missionsärztliche Klinik Wuerzburg, Dept. of Urology, Würzburg, Germany