

Partial nephrectomy: Improving outcomes

Poster Session 59

Monday, 27 March
12:15 - 13:45

Location: Room Copenhagen, North Hall (Level 1)

Chairs: P.L. Chlosta, Cracow (PL)
A. Minervini, Florence (IT)
A. Mottrie, Aalst (BE)

Aims and objectives of this session

To discuss how to improve outcomes of partial nephrectomy.

Poster viewing of 20 minutes. Presentations will take place on stage. Standard presentations are 2 minutes in length, followed by 2 minutes for discussion. Extended presentations (*) are 3 minutes in length, followed by 3 minutes for discussion.

- 781 **Perioperative morbidity of open versus minimally invasive partial nephrectomy: A contemporary analysis of the National Surgical Quality Improvement Program (NSQIP)**
By: Pereira J.¹, Renzulli J.¹, Pareek G.¹, Moreira D.², Golijanin D.¹, Gershman B.¹
Institutes:¹Rhode Island Hospital And The Miriam Hospital, Dept. of Urology, Providence, United States of America, ²University of Illinois At Chicago, Dept. of Urology, Chicago, United States of America
- 782 **Comparison of robot-assisted and open surgery partial nephrectomy: An observational prospective study on pathologic and early functional outcomes**
By: Larcher A.¹, Capitanio U.¹, Fossati N.¹, De Naeyer G.², De Groote R.², Umari P.², Trevisani F.¹, Guazzoni G.³, Salonia A.¹, Briganti A.¹, Bertini R.¹, Montorsi F.¹, Mottrie A.²
Institutes:¹IRCCS Ospedale San Raffaele, Urological Research Institute, Dept. of Oncology and Urology, Milan, Italy, ²Onze Lieve Vrouw Hospital, Dept. of Urology, Aalst, Belgium, ³Humanitas Clinical and Research Centre, Dept. of Urology, Milan, Italy
- *783 **Perioperative morbidity of clamp vs off-clamp robotic partial nephrectomy: Preliminary results from a multicentre randomized clinical trial (the CLOCK study)**
By: Antonelli A.¹, Cindolo L.², Sandri M.³, Furlan M.¹, Veccia A.¹, Palumbo C.¹, Simeone C.¹, Sessa F.⁴, Facchiano D.⁴, Serni S.⁴, De Concilio B.⁵, Zeccolini G.⁵, Celia A.⁵, Ingrosso M.², Giommoni V.⁶, Annino F.⁶, Pizzuti V.⁷, Nucciotti R.⁷, Dandrea M.⁸, Angelo P.⁸, Minervini A.⁴
Institutes:¹Spedali Civili Hospital of Brescia, Dept. of Urology, Brescia, Italy, ²San Pio Da Pietrelcina Hospital, Dept. of Urology, Vasto, Italy, ³University of Brescia, Data Methods and Systems Statistical Laboratory, Brescia, Italy, ⁴Careggi Hospital, Dept. of Urology, Florence, Italy, ⁵San Bassiano Hospital, Dept. of Urology, Bassano del Grappa, Italy, ⁶San Donato Hospital, Dept. of Urology, Arezzo, Italy, ⁷Misericordia Hospital, Dept. of Urology, Grosseto, Italy, ⁸Policlinico Di Abano, Dept. of Urology, Abano Terme, Italy
- 784 **Acute kidney injury after clampless partial nephrectomy: Incidence, predictors, and its low impact on intermediate-term renal function**
By: Kawamura N., Yokoyama M., Nakayama T., Tanaka H., Inoue M., Ito M., Kijima T., Yoshida S., Ishioka J., Matsuoka Y., Saito K., Kihara K., Fujii Y.
Institutes:Tokyo Medical and Dental University Graduate School, Dept. of Urology, Tokyo, Japan
- 785 **On-clamp versus off-clamp partial nephrectomy: Propensity score matched comparison of long term functional outcomes**
By: Simone G.¹, Capitanio U.², Larcher A.², Ferriero M.³, Misuraca L.¹, Tuderti G.¹, Romeo G.¹, Minisola F.¹, Guaglianone S.¹, Muttin F.², Nini A.², Trevisani F.², Montorsi F.², Bertini R.², Gallucci M.¹
Institutes:¹Regina Elena National Cancer Institute, Dept. of Urology, Rome, Italy, ²San Raffaele

Hospital, University Vita Salute, Dept. of Urology, Milan, Italy, ³Regina Elena National Cancer Institute, Dept. of Urology, Rome, Italy

- 786 **In the quest for better functional outcome after partial nephrectomy: Can comorbidities outweigh age?**
By: Santok G.D., Kim L.H., Abdel Raheem A., Chang K., Yoon Y.E., Han W.K., Choi Y.D., Rha K.H.
Institutes:Yonsei University College Of Medicine, Dept. of Urology, Seoul, South Korea
- 787 **Factors influencing renal volume and renal function after minimally-invasive partial nephrectomy. Preliminary results of a prospective study**
By: Porpiglia F.¹, Bertolo R.¹, Amparore D.¹, Piramide F.¹, Checcucci E.¹, Manfredi M.¹, Angusti T.², Barrera M.³, Sardo D.³, Veltri A.³, Fiori C.¹
Institutes:¹San Luigi Hospital, Dept. of Urology, Turin, Italy, ²San Luigi Hospital, Dept. of Nuclear Medicine, Turin, Italy, ³San Luigi Hospital, Dept. of Radiology, Turin, Italy
- 788 **Parenchyma volume and renal function after different types of nephron-sparing minimally invasive surgery in patients with renal cell carcinoma**
By: Reva S., Nosov A., Lushina P., Berkut M., Petrov S.
Institutes:N.N.Petrov Research Institute of Oncology, Dept. of Oncurology, Saint-Petersburg, Russia
- 789 **Comparisons of surgical outcomes between resection and the enucleation technique in robot assisted laparoscopic partial nephrectomy for renal tumors according to the surface-intermediate-base margin score**
By: Toshio T., Kondo T., Iizuka J., Tachibana H., Kobayashi H., Ishida H., Tanabe K.
Institutes:Tokyo Women's Medical University, Dept. of Urology, Tokyo, Japan
- 790 **The role for frozen section analysis during partial nephrectomy: Outcomes after ten years of FU**
By: Maruccia S.¹, Seveso M.², Casellato S.¹, Provenzano M.³, Buffi N.⁴, Taverna G.², Guazzoni G.⁴, Bozzini G.²
Institutes:¹Istituti Clinici Zucchi, Dept. of Urology, Monza, Italy, ²Humanitas Mater Domini, Dept. of Urology, Castellanza, Italy, ³Humanitas University, Dept. of Urology, Rozzano, Italy, ⁴Humanitas Research Hospital, Dept. of Urology, Rozzano, Italy
- 791 **Predictors of local recurrence after partial nephrectomy: Results from two-years follow up of a prospective multicentre study (RECORD 1 project)**
By: Minervini A.¹, Mari A.¹, Campi R.¹, Novara G.², Antonelli A.³, Bertolo R.⁴, Bianchi G.⁵, Fiori C.⁴, Furlan M.³, Longo N.⁶, Mirone V.⁶, Morgia G.⁷, Morselli S.¹, Porpiglia F.⁴, Schiavina R.⁸, Serni S.¹, Sessa F.¹, Simeone C.³, Terrone C.⁹, Vanacore D.¹, Carini M.¹
Institutes:¹Aou Careggi, Dept. of Urology, Florence, Italy, ²University of Padua, Dept. of Surgery, Padua, Italy, ³University of Brescia, Dept. of Urology, Brescia, Italy, ⁴University of Turin - San Luigi Gonzaga Hospital, Dept. of Urology, Turin, Italy, ⁵University of Modena and Reggio Emilia, Dept. of Urology, Modena, Italy, ⁶University of Naples Federico II, Dept. of Neurosciences, Science of Reproduction and Odontostomatology, Naples, Italy, ⁷University of Catania, Dept. of Urology, Catania, Italy, ⁸University of Bologna, Dept. of Urology, Bologna, Italy, ⁹University of Eastern Piedmont, Dept. of Urology, Novara, Italy
- 792 **Modified robot assisted simple enucleation with single layer suture technique versus laparoscopic enucleation in localized renal tumors**
By: Zhao X., Lu Q., Liu G., Xu L., Zhang G., Li X., Gan W., Guo H.
Institutes:Nanjing Drum Tower Hospital, Medical School of Nanjing University, Dept. of Urology, Nanjing, China
- V58 **Purely off-clamp robotic partial nephrectomy**
By: Simone G., Misuraca L., Tuderti G., Minisola F., Ferriero M., Romeo G., Costantini M., Guaglianone S., Gallucci M.

Institutes: Regina Elena National Cancer Institute, Dept. of Urology, Rome, Italy