

Localised renal tumour diagnosis and prognosis in the digitalised era

Poster Session 21

Saturday 10 July
15:00 - 16:00

Location Virtual Room 8
Chairs A. Bex, London (GB)
P.F.A. Mulders, Nijmegen (NL)

We encourage you to view the abstracts prior to the session:

- On 8 June abstract bodies will be available for EAU members in the EAU21 Resource Centre.
- On 1 July abstract bodies and 5-minute explanatory presentations will be available for all delegates on the EAU21 Congress platform.

The presentations in this poster session (1 minute in length) are divided into groups, followed by discussion time to address questions from the audience and the chairpersons.

Learning objectives

To explore the innovations in localised kidney cancer diagnosis: preoperative tumour characterization, nephrometry score, 3D reconstruction, and prognostic models

15:00 - 15:01

Introduction

15:01 - 15:19

Renal tumour characterisation

P0593

Cumulative obesity exposure on the risk of kidney cancer: A longitudinal nationwide cohort study

P0594

Accurate differentiation of renal tumour pathological subtypes using a machine learning model of epigenetic markers
S. Rossi, Cambridge (GB)

P0595

A pilot study investigating the feasibility of using a fully automatic software to assess the renal and PADUA score
M. Carlier, Valbonne (FR)

P0596

Computer tomography texture analysis: a promising tool aiding in suspecting clear cell renal carcinoma at pre-treatment imaging
V. Forte, Rome (IT)

P0597

Prostate Specific Membrane Antigen (PSMA) PET/CT ligand uptake across histological sub-types of renal tumours
A. Tariq, Windsor (AU)

P0598

Multiparametric prospective contrast enhanced ultrasound evaluation of kidney lesions: Comparison with histological examination
A. Tufano, Rome (IT)

P0599

Utility of ex vivo confocal fluorescence microscopy for renal mass biopsy optimization
A.S. Valiquette, Valencia (ES)

P0600

PERC-score: a nephrometry score for percutaneous tumor ablation of small renal mass
P. Piazza, Bologna (IT)

P0601

Outcomes of 10 years' experience of percutaneous cryoablation for the treatment of cT1 renal tumour presented according to RENAL, PADUA and ABLATE nephrometry systems
A. Piasentin, San Donà di Piave (IT)

P0602	Utility of Bosniak classification version 2019 for Contrast-Enhanced Ultrasound (CEUS) evaluation of cystic renal masses L. Angelini, Voltaggio (AL) (IT)
15:11 - 15:19	Discussion
15:19 - 15:37	Imaging & 3D reconstruction
P0603	Simplified PADUA Renal (SPARE) nephrometry system: French multi-institutional retrospective validation and comparison for Robot-Assisted Partial Nephrectomy (RAPN) C. Klein, MERIGNAC (FR)
P0604	Measuring renal tumor endophycity by tumor center rather than edge J. Schoephoerster, Minneapolis (US)
P0605	Predicting complications after robotic partial nephrectomy: Back to simplicity Z-E. Khene, Rennes (FR)
P0606	Novel volumetric and morphologic parameters derived from 3D virtual modelling to improve comprehension of tumour's anatomy in patients with renal cancer L. Bianchi, Bologna (IT)
P0607	The three-dimensional reconstructed virtual images improve the reliability, accuracy, and efficiency of the R.E.N.A.L. nephrometry score for preoperative assessment K. Yoshitomi, Chiyoda-ku (JP)
P0608	Three-dimensional virtual modelling for anatomical comprehension of renal anatomy: Validation of CSA, RENAL, PADUA, ABC scores before partial nephrectomy A. Mottaran, Bologna (IT)
P0609	Assessment of cortical parenchymal volume of the kidney by 3D processing of contrast-enhanced MSCT data before and after nephron-sparing surgery for kidney malignancy A. Proskura, Moscow (RU)
P0610	Three-dimensional printing soft kidney model for surgical simulation of robot-assisted partial nephrectomy F. Hongo, Kyoto (JP)
P0611	Impact of abdominal aortic atherosclerotic burden in patients submitted to partial nephrectomy: A pilot study on 142 cases M.A. Cerruto, Verona (IT)
P0612	The changing trends of image guided biopsy of small renal masses before intervention - an analysis of European multinational prospective EuRECA registry V.W-S. Chan, Leeds (GB)
15:29 - 15:37	Discussion
15:37 - 15:55	Prognostic models
P0613	Neutrophil-to-lymphocyte ratio in unclassified renal cell carcinoma is associated with clinical outcome and varies between genomic subgroups J. Marcon, Munich (DE)
P0614	Construction and validation of a standardized paraneoplastic syndrome for renal cell carcinoma S. Soliman, San Diego (US)
P0615	Correlation between remaining functioning parenchyma volume and kidney function in patients with RCC S. Semko, Kiev (UA)

- P0616** **Assessing predictors of chronic kidney disease progression in patients receiving minimally-invasive partial nephrectomy: Results of a multi-institutional collaborative series**
U. Anceschi, Rome (IT)
- P0617** **A nomogram for the prediction of significant long-term renal function loss after robot-assisted partial nephrectomy for localized renal tumors: A prospective multicenter observational study (RECORD2 project)**
A. Mari, Florence (IT)
- P0618** **External validation and head-to-head comparison of all the prognostic models recommended by the European Association of Urology guidelines to predict oncologic outcomes in patients with renal cell carcinoma**
G. Rosiello, Bacoli (IT)
- P0619** **European Association of Urology COVID intermediate prioritisation group is poorly predictive of pathological high-risk among patients with renal tumours**
P. Satish, Swindon (GB)
- P0620** **External validation of the VENUSS prognostic model to predict disease recurrence after surgery for non-metastatic papillary renal cell carcinoma: An analysis of a multi-institutional European cohort**
S. Erdem, Istanbul (TR)
- P0621** **Major Adverse Cardiovascular Events (MACE) following partial nephrectomy: PN-A4CH a novel risk index**
N. Abou Heidar, Riad El Solh - Beirut (LB)
- P0622** **Impact of post-operative proteinuria on development of CKD: Analysis of functional outcomes post nephrectomy**
M.F. Meagher, La Jolla (US)
- 15:47 - 15:55** **Discussion**
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- 15:55 - 16:00** **Expert summary**
M.C. Mir Maresma, Valencia (ES)