Imaging in urology
Expert-Guided Poster Tour 08

Sunday 17 March
13:15 - 15:15

Location: Green Area, Room A
Chairs: T. Loch, Flensburg (DE)
R. Schiavina, Bologna (IT)

The Expert-Guided Poster Tour is an innovative session type. The Tour aims to provide an interactive platform informing delegates on the real essentials and providing in-depth information on the different research projects. Poster viewing of 30 minutes after which two experts, will ask questions to individuals and groups of poster presenters.

13:45 - 13:48
Introduction
T. Loch, Flensburg (DE)
R. Schiavina, Bologna (IT)

PT193
Renal epithelioid angiomyolipoma: Incidence in a Japanese cohort and diagnostic utility of diffusion-weighted MRI

By: Kaneko K.¹, Yoshida S.¹, Arita Y.², Yamamoto K.³, Kijima T.¹, Yokoyama M.¹, Ishioka J.¹, Matsuoka Y.¹, Saito K.¹, Fujii Y.¹
¹Tokyo Medical and Dental University, Dept. of Urology, Tokyo, Japan, ²Keio University, Dept. of Diagnostic Radiology, Tokyo, Japan, ³Tokyo Medical and Dental University, Dept. of Pathology, Tokyo, Japan

Aims and objectives of this presentation
PT193

PT194
Characterization of complex renal cystic masses: Comparison among CT, MRI and CEUS in the same series of patients

By: Verzotti E.¹, Sachs C.², Campo I.², Boltri M.¹, Currò I.², Cavallaro M.², Cova M.A.², Bertolotto M.², Liguori G.¹, Trombetta C.¹
¹Università degli Studi di Trieste, Dept. of Urology, Trieste, Italy, ²Università degli Studi di Trieste, Dept. of Radiology, Trieste, Italy

Aims and objectives of this presentation
PT194

PT195
Usefulness of numerical imaging analysis for distinguishing pathologic features in small renal masses: A development and validation study

Aims and objectives of this presentation
PT195

**PT196**

**Improved identification of patients with oligometastatic clear cell renal cell carcinoma with PSMA-targeted 18F-DCFPyL PET/CT**

By: Meyer A.R. 1, Rowe S. 2, Carducci M. 3, Denmeade S. 3, Markowski M. 3, Pomper M. 2, Allaf M. 1, Gorin M. 1

1Johns Hopkins University School of Medicine, Dept. of Urology, Baltimore, United States of America, 2Johns Hopkins University School of Medicine, Dept. of Radiology, Baltimore, United States of America, 3Johns Hopkins University School of Medicine, Dept. of Oncology, Baltimore, United States of America

Aims and objectives of this presentation
PT196

**PT197**

**Anatomical accuracy of 3D-printed patient-specific kidney models used for robot-assisted-partial nephrectomy pre-operative planning (UroCCR study N° 39 : 3D-PRINT)**

By: Michiels C. 1, Jambon E. 2, Sarrazin J. 3, Faessel M. 3, Latxague C. 1, Boulenger De Hauteclouque A. 1, Capon G. 1, Bensadoun H. 1, Robert G. 1, Ferrière J-M. 1, Bos F. 3, Grenier N. 2, Bernhard J-C. 1

1Bordeaux University Hospital, Dept. of Urology, Bordeaux, France, 2Bordeaux University Hospital, Dept. of Radiology, Bordeaux, France, 3Bordeaux University Technology Institute, Additive Fabrication Engineering, Bordeaux, France

Aims and objectives of this presentation
PT197

**PT198**

**Could computed tomography volumetric scanning-split renal volume of the live-donor affects donor side selection?**

By: Zahran M.H. 1, Galal A. 1, Refaie H. 2, Fakhreldin I. 1, Harraz A. 1, Osman Y. 1, Ali-El-Dein B. 1

1Urology and Nephrology Center, Mansoura University, Dept. of Urology, Mansoura, Egypt, 2Urology and Nephrology Center, Mansoura University, Dept. of Radiology, Mansoura, Egypt

Aims and objectives of this presentation
PT198

**PT199**

**Evaluation of renal volume and adipose tissue distribution as predictors of renal function after radical nephrectomy**

By: Olivero A. 1, Basso L. 2, Barabino E. 2, Milintenda P. 1, Testino N. 1, Pacchetti A. 1, Neumaier C.E. 3, Terrone C. 1
Aims and objectives of this presentation
PT199

Diagnostic and staging performance of mpMRI-US fusion prostate biopsy: Prospective analysis on consecutive radical prostatectomy specimens from a multicentre series

By: Ferriero M.C.¹, Flammia R.S.¹, Tuderti G.¹, Anceschi U.¹, Brussetti A.¹, Oderda M.², Peltier A.³, Kumar P.⁴, Roche J.⁵, Piechaud T.⁵, Descotes J.L.⁶, Mastroianni R.¹, Giacobbe A.⁷, Puglisi M.⁸, Malossini G.⁸, Papalia R.⁹, Guagianone S.¹, Muto G.⁷, Gontero P.², Gallucci M.¹, Simone G.¹
¹Regina Elena National Cancer Institute, Dept. of Urology, Rome, Italy, ²University of Turin, Dept. of Surgical Sciences, Urology, Turin, Italy, ³Institut Jules Bordet, Université Libre de Bruxelles, Dept. of Urology, Brussels, Belgium, ⁴Royal Marsden Hospital, Dept. of Urology, London, United Kingdom, ⁵Clinique Saint Augustin, Dept. of Urology, Bordeaux, France, ⁶Centre Hospitalier Universitaire de Grenoble, Dept. of Urology, Grenoble, France, ⁷Humanitas Gradenigo Hospital, Dept. of Urology, Turin, Italy, ⁸Santa Chiara Regional Hospital, Dept. of Urology, Trento, Italy, ⁹Campus Bio Medico University, Dept. of Urology, Rome, Italy

Aims and objectives of this presentation
PT200

Can pre biopsy mpMRI accurately predict the pathological stage at robotic assisted radical prostatectomy? A case series of 1421 mpMRIs

By: Stanowski M.¹, Quraishi M.K.¹, Kommu S.¹, Morrison I.², Streeter E.¹, Eddy B.¹
¹Kent and Canterbury Hospital, East Kent Hospitals University NHS Foundation Trust, Dept. of Urology, Canterbury, United Kingdom, ²Kent and Canterbury Hospital, East Kent Hospitals University NHS Foundation Trust, Dept. of Radiology, Canterbury, United Kingdom

Aims and objectives of this presentation
PT201

Added value of mpMRI, MRI-targeted and systematic biopsy in the prediction of adverse pathologic features in contemporary prostate cancer patients undergoing radical prostatectomy

By: Gandaglia G.¹, Ploussard G.², Valerio M.³, Mattei A.⁴, Fiori C.⁵, Fossati N.¹, Stabile A.¹, Beauval J.⁶, Malavaud B.⁶, Roumigué M.⁶, Robesti D.¹, Dell’Oglio P.¹, Moschini M.⁴, Zamboni S.⁴, Rakauskas A.³, Dehò F.¹, Gallina A.¹, De Cobelli F.⁷, Porpiglia F.⁵, Montorsi F.¹, Scuderi S.⁸, Briganti A.¹
Aims and objectives of this presentation
PT202

**Extracapsular extension on multiparametric MRI better predicts pT3 disease at radical prostatectomy compared to perineural Invasion on biopsy**

By: **Griffiths L.**, Kotamarti S., Mikhail D., Villani R., Vira M., Hall S., Schwarz M., Richstone L.
Arthur Smith Institute for Urology at Northwell Health, Dept. of Urology, New Hyde Park, United States of America

Aims and objectives of this presentation
PT203

**Multiparametric MRI outperforms the Partin tables, Memorial Sloan Kettering Cancer Center nomogram, and CAPRA score in predicting extraprostatic cancer in patients undergoing radical prostatectomy**

By: **Giannarini G.**, Girometti R., Crestani A., Rossanese M., Calandriello M., Zuiani C., Valotto C., Ficarra V.
1Academic Medical Centre Santa Maria della Misericordia, Dept. of Urology, Udine, Italy,
2University of Udine, Dept. of Medicine, Urology Unit, Udine, Italy,
3University of Messina, Dept. of Human and Paediatric Pathology “Gaetano Barresi”, Urology Section, Messina, Italy,
4University of Udine, Dept. of Medicine, Radiology Unit, Udine, Italy

Aims and objectives of this presentation
PT204

**Contrast media kinetics in multiparametric MRI before radical prostatectomy predicts probability of postoperative incontinence**

By: **Schmid F.A.**, Wettstein M.S., Kessler T.M., Boss A., Eberli D.
1University Hospital Zurich, Dept. of Urology, Zurich, Switzerland,
2Balgrist University Hospital, Dept. of Neuro-Urology, Zurich, Switzerland,
3University Hospital Zurich, Dept. of Radiology, Zurich, Switzerland

Aims and objectives of this presentation
PT205
PT206  Validation of Gallium-68 PSMA-PET/CT for primary lymph node staging in prostate cancer patients


1UMC Utrecht, Nuclear Medicine, Dept. of Urology, Utrecht, The Netherlands, 2St. Antonius Ziekenhuis, Dept. of Urology, Nieuwegein, The Netherlands, 3St. Antonius Ziekenhuis, Nuclear Medicine, Nieuwegein, The Netherlands, 4Meander Medisch Centrum, Dept. of Urology, Amersfoort, The Netherlands, 5Meander Medisch Centrum, Nuclear Medicine, Amersfoort, The Netherlands, 6UMC Utrecht, Dept. of Urology, Utrecht, The Netherlands, 7UMC Utrecht, Nuclear Medicine, Utrecht, The Netherlands

Aims and objectives of this presentation

PT206

PT207  Impact of 18F-DCFPyL PET scanning in patients undergoing post prostatectomy radiotherapy (IMPPORT) – preliminary results of a prospective multi-site trial

By: Koschel S. 1, Sutherland T. 2, Wong L. 1, Taubman K. 3, Yap K. 3, Schlicht S. 3, Ng M. 4

1St Vincent's Hospital Melbourne, Dept. of Urology, Melbourne, Australia, 2St Vincent's Hospital Melbourne, Medical Imaging, Melbourne, Australia, 3St Vincent's Hospital Melbourne, Nuclear Medicine, Melbourne, Australia, 4Genesis Care St Vincent's Melbourne, Radiation Oncology, Melbourne, Australia

Aims and objectives of this presentation

PT207

PT208  Radioactive tracer guided metastasectomy of 68Ga-PSMA-PET/CT positive lesions in patients with rising prostatic-specific antigen after definitive treatment of prostate cancer

By: Rahnama'i M.S. 1, Von Mallek D. 2, Lehnhardt M. 1, Heinzel A. 2, Mottaghy F. 2, Heinzel A. 2, Bach C. 1

1Uniklinik RWTH Aachen, Dept. of Urology, Aachen, Germany, 2Uniklinik RWTH Aachen, Dept. of Nuclear Medicine, Aachen, Germany

Aims and objectives of this presentation

PT208

PT209  External validation of the CHAARTED and LATITUDE criteria in patients with hormone-naive metastatic prostate cancer: A multi-institutional study in Japan


1Hirosaki University Graduate School of Medicine, Dept. of Urology, Hirosaki, Japan, 2Tohoku University Graduate School of Medicine, Dept. of Urology, Sendai, Japan, 3Akita

Aims and objectives of this presentation

PT209
Aims and objectives of this presentation
PT209

Impact of patient’s real-time visualization of flexible cystoscopy finding on pain in a randomized controlled trial

By: Prasanchaimontri P., Tritipwanit S., Prachapinyo T.
Ratchaburi Hospital, Dept. of Surgery, Ratchaburi, Thailand

Aims and objectives of this presentation
PT210

Application of narrow-band imaging flexible ureteroscopy in the treatment of upper urinary tract transitional carcinomas

By: Hao Y.
Peking University Third Hospital, Dept. of Urology, Beijing, China

Aims and objectives of this presentation
PT211

Narrow band imaging reduces persistence of cancer in patients with pT1 high grade bladder cancer

By: Mirabile G. ¹, Lombardo R. ², Tariciotti P. ¹, Gentile B.C. ¹, Tema G. ¹, Alanesi L. ¹, Mavilla L. ¹, Aloisi P. ¹, Rizzo G. ¹, Bellangino M. ¹, Lopes Mendes A.L. ¹, Giulianelli R. ¹
¹Nuova Villa Claudia, Dept. of Urology, Rome, Italy, ²Sapienza University of Roma, Dept. of Urology, Rome, Italy

Aims and objectives of this presentation
PT212

Development of a rodent model for preclinical evaluation of multiple contrast agents and real-time multispectral imaging in bladder cancer

By: Günes C. ¹, Meessen S. ¹, Rother J. ², Kriegmair M.C. ³, Zheng X. ¹, Hernandez D. ², Grychtol B. ², Deliolanis N. ², Bolenz C. ¹
¹University of Ulm, Dept. of Urology, Ulm, Germany, ²University of Heidelberg, Medical Faculty Mannheim, Mannheim, Germany, ³University Medical Center Mannheim, Dept. of Urology, Mannheim, Germany
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<td>By: Chen C., Hao H., Tianxin L., Jian H. Sun Yat-sen Memorial Hospital, Dept. of Urology, Guangzhou, China</td>
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<td>Preoperative FDG-PET/CT predicts non-organ-confined disease and disease recurrence in patients with upper urinary tract urothelial carcinoma</td>
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<td>By: Asai S., Nishida K., Watanabe R., Koyama K., Sawada Y., Noda T., Fukumoto T., Miura N., Yanagihara Y., Miyauchi Y., Miyagawa M., Kikugawa T., Saika T. (^1) Ehime Prefectural Central Hospital, Dept. of Urology, Matsuyama, Japan, (^2) Ehime University School of Medicine, Dept. of Urology, Toon, Japan, (^3) Ehime University School of Medicine, Dept. of Radiology, Toon, Japan</td>
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<td>By: Tung S-Y., Chang Y-K., Chang H-C., Wang T-D., Lee W-J., Liu S-P., Hsieh J-T. (^1) National Taiwan University Hospital, Dept. of Urology, Taipei, Taiwan, (^2) National Taiwan University Hospital, Dept. of Cardiology, Taipei, Taiwan, (^3) National Taiwan University Hospital, Dept. of Radiology, Taipei, Taiwan</td>
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<td>By: Steinkellner L., Haid B., Oswald J. (^1) Hospital of the Sisters of Charity, Dept. of Pediatric Urology, Linz, Austria, (^2) Hospital of the Sisters of Charity, Dept. of Pediatric Urology, Linz, Austria</td>
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<td>Level of knowledge on radiation and compliance to protective equipment: Where do urologists stand? An ESUT/EULIS survey</td>
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By: Tzelves L.¹, Somani B.², Knoll T.³, Kamphuis G.⁴, Sarica K.⁵, Skolarikos A.¹
¹National and Kapodistrian University of Athens, 2nd Department of Urology, Sismanoglio Hospital, Dept. of Urology, Athens, Greece, ²University Hospital Southampton NHS Trust, Dept. of Urology, Southampton, United Kingdom, ³Department of Urology Sindelfingen-Boeblingen Medical CenterTeaching Hospital University Tuebingen, Germany, Dept. of Urology, Tuebingen, Germany, ⁴Department of Urology, AMC Amsterdam, Dept. of Urology, Amsterdam, The Netherlands, ⁵Department of Urology, Kafkas University Medical School Kars/Turkey, Dept. of Urology, Kars, Turkey

Aims and objectives of this presentation
PT218

PT219

Fluoroscopy-use during ureterorenoscopy: Are urologists concerned about radiation exposure?

By: Henderickx M.M.E.L., Baard J., Beerlage H.P., Kamphuis G.M. Amsterdam UMC, Dept. of Urology, Amsterdam, The Netherlands

Aims and objectives of this presentation
PT219