

Upper urinary tract tumor: Let's manage it endoscopically!

Poster Session 78

Monday, 27 March
14:00 - 15:30

Location: Room Munich, North Hall (Level 1)

Chairs: A. Breda, Barcelona (ES)
M. Rink, Hamburg (DE)
O. Traxer, Paris (FR)

Aims and objectives of this session

The rise in clinical awareness about upper tract urothelial carcinomas (UTUCs) is in part due to the significant technological improvement in endoscopes used to examine the upper urinary tract. The development of small calibre, fibre-optic flexible digital ureteroscopes has expanded the management options for UTUC. Advances in distal-tip deflection and scope durability, combined with improved laser technology, have enhanced the role of flexible ureteroscopy from a diagnostic to a therapeutic procedure. No longer can radical nephroureterectomy (RNU) be considered the 'gold standard' treatment for all UTUCs. The challenge is to identify pre-operatively which patients and tumours would be more appropriately managed in a conservative manner via endoscopic techniques and laser ablation or segmental ureterectomy in certain cases. Based on the available evidence UTUC patients with contralateral normal kidney can be classified at time of diagnosis as having "low-risk UTUC" or "high-risk UTUC". Patients with low-risk disease should be offered (as default) endoscopic management with laser ablation and topical MMC or BCG as an option. The aim of this session is to review available data to better select UTUC suitable for kidney-sparing treatment.

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.

- 1031 **Assessment of clinical screening criteria and point of care testing for Lynch syndrome-associated upper tract urothelial cancer**
By: Metcalfe M.¹, Rao P.², Mork M.³, Xiao L.⁴, Broaddus R.², Matin S.¹
Institutes:¹University of Texas Md Anderson Cancer Center, Dept. of Urology, Houston, United States of America, ²University of Texas Md Anderson Cancer Center, Dept. of Pathology, Houston, United States of America, ³University of Texas Md Anderson Cancer Center, Dept. of Genetics, Houston, United States of America, ⁴University of Texas Md Anderson Cancer Center, Dept. of Statistics, Houston, United States of America
- 1032 **Ureteroscopic biopsy of upper tract urothelial carcinoma is associated with increased intravesical recurrences on follow-up: A multi institutional Suture group study**
By: Anbarasan T.¹, Shaikh N.², Mcluckie S.¹, Shams-Uddin A.³, Alcorn J.⁴, Jain S.⁵, Biyani C.S.⁴, Nabi G.¹
Institutes:¹University of Dundee, School of Medicine, Academic Section of Urology, Division of Cancer Research, Dundee, United Kingdom, ²United Lincolnshire NHS Trust, Pilgrim Hospital, Dept. of Urology, Lincolnshire, United Kingdom, ³Imperial College Healthcare NHS Trust, Charing Cross Hospital, Dept. of Urology, London, United Kingdom, ⁴Mid Yorkshire Hospitals NHS Trust, Dept. of Urology, Wakefield, United Kingdom, ⁵Leeds Teaching Hospitals NHS Trust, Dept. of Urology, Leeds, United Kingdom
- 1033 **Confocal laser endomicroscopy in upper tract urothelial cancer (UTUC)**
By: Breda A.¹, Territo A.¹, Manfredi M.¹, Guttilla A.¹, Quaresima L.¹, Gaya J.¹, Algaba F.², Palou J.¹, Villavicencio H.¹
Institutes:¹Fundació Puigvert, Dept. of Urology, Barcelona, Spain, ²Fundació Puigvert, Division of

Pathology, Barcelona, Spain

- 1034 **Is ureteroscopy essential prior to nephroureterectomy for upper tract transitional cell carcinoma?**
 By: Veeratterapillay R., Thompson E., Shakoor R., Gandiya T., Rogers A., Thomas D.
 Institutes: Freeman Hospital, Dept. of Urology, Newcastle upon Tyne, United Kingdom
- *1035 **Diagnostic ureteroscopy for upper tract urothelial carcinoma is independently associated with intravesical recurrence after radical nephroureterectomy**
 By: Li X-S., Zhou L., Su X., Liu P., Fang D.
 Institutes: Peking University First Hospital, Dept. of Urology, Beijing, China
- 1036 **Fluorescence in situ hybridization for upper urinary tract urothelial carcinoma - an important diagnostic tool in clinical practice**
 By: Bonaventura A, Jung V., Ohlmann C.-H., Stöckle M., Junker K.
 Institutes: Saarland University Medical Center, Dept. of Urology, Homburg, Germany
- *1037 **Thulium laser treatment of upper urinary tract transitional cell carcinoma**
 By: Maruccia S.², Saredi G.³, Parma P.⁴, Casellato S.², Bozzini G.¹
 Institutes: ¹Humanitas Mater Domini, Dept. of Urology, Castellanza, Italy, ²Istituti Clinici Zucchi, Dept. of Urology, Monza, Italy, ³Ospedale Varese, Dept. of Urology, Varese, Italy, ⁴Ospedale Mantova, Dept. of Urology, Mantova, Italy
- 1038 **CT urography understages, and URS with biopsy undergrades upper tract urothelial carcinoma in the preoperative evaluation before nephroureterectomy**
 By: Almas B.¹, Loe A.¹, Reisæter L.², Halvorsen O.J.³, Beisland C.¹
 Institutes: ¹Haukeland University Hospital, Dept. of Urology, Bergen, Norway, ²Haukeland University Hospital, Dept. of Radiology, Bergen, Norway, ³Haukeland University Hospital, Dept. of Pathology, Bergen, Norway
- 1039 **Positive predictive value of CT urography for upper tract urothelial carcinoma diagnosis using diagnostic ureteroscopy as the reference standard**
 By: Mintz I.¹, Reshetnyak O.¹, Kabha M.¹, Chang C.T.², Sophie B.³, Diego M.³, Mabweesh N.¹, Matzkin H.¹, Liao J.², Sofer M.¹
 Institutes: ¹Tel Aviv Sourasky Medical Center, Tel-Aviv University, Dept. of Urology, Tel-Aviv, Israel, ²Stanford Health Care, Stanford University, Dept. of Urology, Stanford, United States of America, ³Tel Aviv Sourasky Medical Center, Tel-Aviv University, Dept. of Radiology, Tel-Aviv, Israel
- *1040 **Results of second line topical therapy for upper tract urothelial carcinoma (UTUC)**
 By: Balasubramanian A., Metcalfe M., Wagenheim G., Xiao L., Papadopoulos J., Navai N., Davis J., Karam J., Kamat A., Wood C., Dinney C., Matin S.
 Institutes: University of Texas Md Anderson Cancer Center, Dept. of Urology, Houston, United States of America
- 1042 **A systematic review of the impact of pre-operative diagnostic ureteroscopy on bladder recurrence after nephroureterectomy for upper tract transitional cell carcinoma**
 By: Birks T., Jenkins J., Davenport K.
 Institutes: Cheltenham General Hospital, Dept. of Urology, Cheltenham, United Kingdom
- 1043 **Statin use and prognosis of the upper tract urothelial carcinoma in a Finnish population-based cohort**
 By: Hurskainen H.², Kotsar A.³, Tammela T.¹, Murtola T.¹
 Institutes: ¹Tampere University Hospital, Dept. of Urology, Tampere, Finland, ²University of Tampere, School of Medicine, Tampere, Finland, ³Tartu University Hospital, Dept. of Urology, Tartu, Estonia