

Ureteroscopy: Tools and techniques

Poster Session 17

Saturday, 25 March
14:15 - 15:45

Location: Room London, North Hall (Level 1)

Chairs: Y. Farahat, Dubai (AE)
B. Geavlete, Bucharest (RO)
F. Qiang, Shanghai (CN)

Aims and objectives of this session

Ureteroscopy has become the workinghorse in stone management. A huge number of different scopes and disposables are available – which are really needed and why?

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

- 218 **Ultra-low X-ray exposure during flexible ureteroscopy in nephrolithiasis patients – how far can we go?**
By: [Hein S.](#)¹, [Schoenthaler M.](#)¹, [Wilhelm K.](#)¹, [Schoeb D.S.](#)¹, [Schlager D.](#)¹, [Adams F.](#)¹, [Vach W.](#)², [Miernik A.](#)¹
Institutes:¹Medical Centre - University of Freiburg, Dept. of Urology - Division of Urotechnology, Freiburg, Germany, ²University of Freiburg, Centre For Medical Biometry and Medical Informatics, Freiburg, Germany
- 219 **Which flexible ureteroscopes (digital vs optical) can easily reach the difficult lower pole calyces and have better end-tip deflection?**
By: [Drago L.B.](#)¹, [Buttice S.](#)², [Sener E.T.](#)³, [Proietti S.](#)⁴, [Ploumidis A.](#)⁵, [Iacoboia C.](#)⁶, [Doizi S.](#)⁶, [Berg J.](#)⁶, [Somani B.](#)⁷, [Traxer O.](#)⁶
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- 220 **A comparison of the effects of ureteroscopy and micro ureteroscopy on renal vascularization and intrapelvic pressure**
By: [Caballero-Romeu J-P.](#)¹, [Galán-Llopis J-A.](#)², [Soria F.](#)³, [Morcillo-Martín E.](#)³, [Caballero-Pérez P.](#)⁴, [De La Cruz-Conty J-E.](#)³, [Romero-Maroto J.](#)⁵
Institutes:¹Fisabio-Isabial, Dept. of Urology, Alicante, Spain, ²Universitary Hospital of Vinalopó, Dept. of Urology, Alicante, Spain, ³Jesús Usón Minimally Invasive Surgery Center, Endoscopy Unit, Cáceres, Spain, ⁴University of Alicante, Dept. of Community Nursing, Preventive Medicine and Public Health and History, Alicante, Spain, ⁵University Clinical Hospital of San Juan, Dept. of Urology, Alicante, Spain
- 221 **Predictive factors of insertion failure of ureteral access sheath for flexible ureteroscopy: A study about 594 procedures**
By: [Forzini T.](#)¹, [Lecuelle D.](#)¹, [Aleza E.](#)¹, [Becquart N.](#)¹, [Haraux E.](#)², [Saint F.](#)¹, [De Sousa P.](#)¹
Institutes:¹Amiens University Hospital, Dept. of Urology and Transplantation, Amiens, France, ²Amiens University Hospital, Dept. of Pediatric Surgery, Amiens, France
- 222 **Comparison of Holmium laser fibers: Evaluation of fiber durability and flexibility**
By: [Haddad M.](#)¹, [Berthe L.](#)², [Doizi S.](#)¹, [Traxer O.](#)¹
Institutes:¹Sorbonne Universités, UPMC Univ Paris 06, Ap-Hp, Grc N°20, Groupe De Recherche

Clinique Sur La Lithi, Dept. of Urology, Tenon Hospital, Paris, France, ²Ecole Nationale Supérieure Des Arts & Métiers, Process and Engineering In Mechanics and Materials Laboratory (Pimm), Umr Cnrs/Ensam 8006, Paris, France

- 223 **Impact of the curve diameter and laser setting on laser fiber fracture**
By: Haddad M.¹, Emiliani E.¹, Doizi S.¹, Rouchausse Y.², Coste F.², Berthe L.², Traxer O.¹
Institutes:¹Tenon Hospital, Dept. of Urology, Paris, France, ²Ecole Nationale Des Arts Et Métiers, PIMM Laboratory, Paris, France
- 224 **How to perform the dusting technique for calcium oxalate stones during Ho:YAG lithotripsy**
By: Lee J.W.¹, Park J.², Cho M.C.², Jeong H.², Son H.², Cho S.Y.², Oh J.K.³
Institutes:¹Dongguk University Ilsan Hospital, Dept. of Urology, Goyang, South Korea, ²Seoul Metropolitan Government-Seoul National University Boramae Medical Center, Dept. of Urology, Seoul, South Korea, ³Gachon University Gil Medical Center, Gachon University College of Medicine, Dept. of Urology, Incheon, South Korea
- 226 **Comparison between the possibilities of holmium and thulium laser in lithotripsy in vitro**
By: Glybochko P.¹, Altshuler G.², Vinarov A.¹, Rapoport L.¹, Enikeev M.¹, Grigoriev N.¹, Enikeev D.¹, Sorokin N.¹, Dymov A.¹, Sukhanov R.¹, Taratkin M.¹, Zamyatina V.³
Institutes:¹First Moscow State Medical University of I.M. Sechenov, Research Institute of Urology and Reproductive Health, Moscow, Russia, ²IPG Medical, Dept. of Photonics, Oxford, United States of America, ³NTO IRE-Polus, Dept. of Photonics, Moscow, Russia
- 227 **Evaluation of the New Moses technology of Holmium laser lithotripsy: Initial clinical experience**
By: Ibrahim A., Carrier S., Andonian S., Elhilali M.
Institutes:McGill University Health Center, Dept. of Urology, Montreal, Canada
- 228 **Withdrawn**
By:
Institutes:
- 229 **Viability and biocompatibility of an adhesive system for intrarenal embedding and endoscopic removal of small residual fragments in minimally-invasive stone treatment in an in vivo pig model**
By: Hein S.¹, Schoenthaler M.¹, Schoeb D.S.¹, Grunwald I.², Richter K.², Brandmann M.², Haberstroh J.³, Bronsert P.⁴, Wetterauer U.⁵, Miernik A.¹
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- 230 **Development and validation of a novel abrasion-based method to assess biofilms on ureteral stents**
By: Buhmann M.³, Abt D.¹, Altenried S.², Betschart P.¹, Zumstein V.¹, Schmid H.-P.¹, Maniura-Weber K.², Ren Q.²
Institutes:¹Kantonsspital St. Gallen, Dept. of Urology, St. Gallen, Switzerland, ²Swiss Federal Laboratories For Materials Science and Technology, Dept. of Materials Meet Life, Laboratory for Biointerfaces, St. Gallen, Switzerland, ³Swiss Federal Laboratories for Materials Science and Technology, Dept. of Materials Meet Life, Laboratory for Biointerfaces, St. Gallen, Switzerland
- 231 **A Likert analysis about double J stent related urinary symptoms assessed by the Ureteric Stent Symptoms Questionnaire (USSQ) after semirigid and flexible ureteroscopy (RIRS)**
By: Bosio A., Alessandria E., Peretti D., Dalmasso E., Destefanis P., Passera R., Gontero P.
Institutes:Città Della Salute E Della Scienza Di Torino - Molinette Hospital, Dept. of Urology, Turin, Italy
- 232 **Initial experience with Allium™ & Uventa™ stent for the management of ureteric strictures and leak**

By: Suntharasivam T.¹, Samuel M¹, Thomas D¹, Rix D.¹, Haslam P.², William R.², Shaw M.¹, Rogers A.¹

Institutes:¹Freeman Hospital, Dept. of Urology, Newcastle upon Tyne, United Kingdom, ²Freeman Hospital, Dept. of Radiology, Newcastle upon Tyne, United Kingdom

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Intestinal colonization resistance is associated with hyperoxaluria in the patients with recurrent pyelonephritis

By: Stepanova N., Stashevska N., Driyanska V., Kolesnyk M.

Institutes:State Institution Institute of Nephrology of The National Academy of Medical Sciences, Dept. of Nephrology, Kyiv, Ukraine