

## 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.](#)<sup>1</sup>, [Schoenthaler M.](#)<sup>1</sup>, [Wilhelm K.](#)<sup>1</sup>, [Schoeb D.S.](#)<sup>1</sup>, [Schlager D.](#)<sup>1</sup>, [Adams F.](#)<sup>1</sup>, [Vach W.](#)<sup>2</sup>, [Miernik A.](#)<sup>1</sup>  
**Institutes:**<sup>1</sup>Medical Centre - University of Freiburg, Dept. of Urology - Division of Urotechnology, Freiburg, Germany, <sup>2</sup>University 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.](#)<sup>1</sup>, [Buttice S.](#)<sup>2</sup>, [Sener E.T.](#)<sup>3</sup>, [Proietti S.](#)<sup>4</sup>, [Ploumidis A.](#)<sup>5</sup>, [Iacobaie C.](#)<sup>6</sup>, [Doizi S.](#)<sup>6</sup>, [Berg J.](#)<sup>6</sup>, [Somani B.](#)<sup>7</sup>, [Traxer O.](#)<sup>6</sup>  
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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.](#)<sup>1</sup>, [Galán-Llopis J-A.](#)<sup>2</sup>, [Soria F.](#)<sup>3</sup>, [Morcillo-Martín E.](#)<sup>3</sup>, [Caballero-Pérez P.](#)<sup>4</sup>, [De La Cruz-Conty J-E.](#)<sup>3</sup>, [Romero-Maroto J.](#)<sup>5</sup>  
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- 221 **Predictive factors of insertion failure of ureteral access sheath for flexible ureteroscopy: A study about 594 procedures**  
By: [Forzini T.](#)<sup>1</sup>, [Lecuelle D.](#)<sup>1</sup>, [Aleza E.](#)<sup>1</sup>, [Becquart N.](#)<sup>1</sup>, [Haraux E.](#)<sup>2</sup>, [Saint F.](#)<sup>1</sup>, [De Sousa P.](#)<sup>1</sup>  
**Institutes:**<sup>1</sup>Amiens University Hospital, Dept. of Urology and Transplantation, Amiens, France, <sup>2</sup>Amiens University Hospital, Dept. of Pediatric Surgery, Amiens, France
- 222 **Comparison of Holmium laser fibers: Evaluation of fiber durability and flexibility**  
By: [Haddad M.](#)<sup>1</sup>, [Berthe L.](#)<sup>2</sup>, [Doizi S.](#)<sup>1</sup>, [Traxer O.](#)<sup>1</sup>  
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Clinique Sur La Lithi, Dept. of Urology, Tenon Hospital, Paris, France, <sup>2</sup>Ecole 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.<sup>1</sup>, Emiliani E.<sup>1</sup>, Doizi S.<sup>1</sup>, Rouchausse Y.<sup>2</sup>, Coste F.<sup>2</sup>, Berthe L.<sup>2</sup>, Traxer O.<sup>1</sup>  
**Institutes:**<sup>1</sup>Tenon Hospital, Dept. of Urology, Paris, France, <sup>2</sup>Ecole 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.<sup>1</sup>, Park J.<sup>2</sup>, Cho M.C.<sup>2</sup>, Jeong H.<sup>2</sup>, Son H.<sup>2</sup>, Cho S.Y.<sup>2</sup>, Oh J.K.<sup>3</sup>  
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- 226 **Comparison between the possibilities of holmium and thulium laser in lithotripsy in vitro**  
**By:** Glybochko P.<sup>1</sup>, Altshuler G.<sup>2</sup>, Vinarov A.<sup>1</sup>, Rapoport L.<sup>1</sup>, Enikeev M.<sup>1</sup>, Grigoriev N.<sup>1</sup>, Enikeev D.<sup>1</sup>, Sorokin N.<sup>1</sup>, Dymov A.<sup>1</sup>, Sukhanov R.<sup>1</sup>, Taratkin M.<sup>1</sup>, Zamyatina V.<sup>3</sup>  
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- 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.<sup>1</sup>, Schoenthaler M.<sup>1</sup>, Schoeb D.S.<sup>1</sup>, Grunwald I.<sup>2</sup>, Richter K.<sup>2</sup>, Brandmann M.<sup>2</sup>, Haberstroh J.<sup>3</sup>, Bronsert P.<sup>4</sup>, Wetterauer U.<sup>5</sup>, Miernik A.<sup>1</sup>  
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- 230 **Development and validation of a novel abrasion-based method to assess biofilms on ureteral stents**  
**By:** Buhmann M.<sup>3</sup>, Abt D.<sup>1</sup>, Altenried S.<sup>2</sup>, Betschart P.<sup>1</sup>, Zumstein V.<sup>1</sup>, Schmid H.-P.<sup>1</sup>, Maniura-Weber K.<sup>2</sup>, Ren Q.<sup>2</sup>  
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- 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.<sup>1</sup>, Samuel M<sup>1</sup>, Thomas D<sup>1</sup>, Rix D.<sup>1</sup>, Haslam P.<sup>2</sup>, William R.<sup>2</sup>, Shaw M.<sup>1</sup>, Rogers A.<sup>1</sup>

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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.

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