Ureteroscopy: Tools and techniques

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 workhorse 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.

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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

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Which flexible ureteroscopes (digital vs optical) can easily reach the difficult lower pole calyces and have better end-tip deflection?
By: Dragoș L.B.¹, Buttice S.², Sener E.T.³, Proietti S.⁴, Ploumidis A.⁵, Iacoboiaie C.⁶, Doizi S.⁶, Berg J.⁶, Somani B.⁶, Traxer O.⁶
Institutes: ¹Spitalul Clinic Județean de Urgență 'Pius Branzeu' Timișoara, Dept. of Urology, Timisoara, Romania, ²Università Degli Studi Di Messina, Dept. of Urology, Messina, Italy, ³Marmara University, Dept. of Urology, Istanbul, Turkey, ⁴Ospedale San Raffaele, Dept. of Urology, Milan, Italy, ⁵Athens Medical Center, Dept. of Urology, Athens, Greece, ⁶Hôpital Tenon, Université Pierre Et Marie Curie - Paris VI, Dept. of Urology, Paris, France, ⁷University Hospital Southampton NHS Trust, Dept. of Urology, Southampton, United Kingdom

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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
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Predictive factors of insertion failure of ureteral access sheath for flexible ureteroscopy: A study about 594 procedures
By: Forzini T.¹, Lecuelle D.¹, Alezra E.¹, Becquart N.¹, Haraux E.², Saint F.¹, De Sousa P.¹
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Comparison of Holmium laser fibers: Evaluation of fiber durability and flexibility
By: Haddad M.¹, Berthe L.¹, Doizi S.¹, Traxer O.¹
Institutes: ¹Sorbonne Universités, Upmc Univ Paris 06, Ap-Hp, Grc N°20, Groupe De Recherche
Impact of the curve diameter and laser setting on laser fiber fracture
By: Haddad M.1, Emiliani E.1, Doizi S.1, Rouchaussie Y.2, Coste F.2, Berthe L.2, Traxer O.1
Institutes: Tenon Hospital, Dept. of Urology, Paris, France; Ecole Nationale Des Arts & Métiers, PIMM Laboratory, Paris, France

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: Dongguk University Ilsan Hospital, Dept. of Urology, Goyang, South Korea; Seoul Metropolitan Government-Seoul National University Boramae Medical Center, Dept. of Urology, Seoul, South Korea; Gachon University Gil Medical Center, Gachon University College of Medicine, Dept. of Urology, Incheon, South Korea

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, Sorokín N.1, Dymov A.1, Sukhanov R.1, Taratkin M.1, Zamiatina V.3
Institutes: First Moscow State Medical University of I.M. Sechenov, Research Institute of Uroprophology and Reproductive Health, Moscow, Russia; IPG Medical, Dept. of Photonics, Oxford, United States of America; NTO IRE-Polus, Dept. of Photonics, Moscow, Russia

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

Withdrawn
By:
Institutes:

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, Groenwald I.2, Richter K.2, Brandmann M.2, Haberstroh J.3, Bronsert P.4, Wetterauer U.5, Miernik A.1
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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: Kantonsspital St. Gallen, Dept. of Urology, St. Gallen, Switzerland; Swiss Federal Laboratories For Materials Science and Technology, Dept. of Materials Meet Life, Laboratory for Biointerfaces, St. Gallen, Switzerland; Swiss Federal Laboratories for Materials Science and Technology, Dept. of Materials Meet Life, Laboratory for Biointerfaces, St. Gallen, Switzerland; Swiss Federal Laboratories for Materials Science and Technology, Dept. of Materials Meet Life, Laboratory for Biointerfaces, St. Gallen, Switzerland

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

Initial experience with Allium™ & Uventa™ stent for the management of ureteric strictures and leak
By: Suntharasivam T., Samuel M., Thomas D., Rix D., Haslam P., William R., Shaw M., Rogers A.

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

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