Ureteroscopy: Tools and techniques

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.

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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
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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, Iacoboai C.⁶, Doizi S.⁶, Berg J.⁶, Somani B.⁷, Traxer O.⁶
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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.⁵, Romero-Maroto J.⁶
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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.², Doizi S.³, Traxer O.¹
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Impact of the curve diameter and laser setting on laser fiber fracture
By: Haddad M.1, Emiliani E.1, Doizi S.1, Rouchauss Y.2, Coste F.2, Berthe L.2, Traxter O.1
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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
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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
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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:
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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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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

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

Scientific Programme
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

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