PCNL: Intraoperative management and outcome

**Location:** Room Paris (Hall B2, level 0)

**Chairs:** M. Monga, Shaker Heights (US)

C.M. Scoffone, Turin (IT)

M. Sofer, Tel-Aviv (IL)

**Aims and objectives of this presentation**

PCNL remains the gold standard for larger renal stones. Although a technique that came of age, frequency is rising again due to its high efficacy and low morbidity in experienced hands.

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.

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Demographics and comorbidities of 5000 patients undergoing PCNL from a national database


Institutes: The British Association of Urological Surgeons, Section of Endourology, London, United Kingdom

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Minimal invasive PCNL (MPCNL) - update on efficacy and safety after 1196 consecutive patients

By: Anudu J.¹, Zimmermanns V.², Lahme S.²

Institutes: ¹Siloah St.Trudpert, Dept. of Urology, Pforzheim, Germany, ²Siloah St.Trudpert Hospital, Dept. of Urology, Pforzheim, Germany

*688

RIRS, regular and small size PCNL in the treatment of 1–2 cm renal stones: EULIS survey in 30 European stone centers

By: Zanetti S.P.¹, Catellani M.¹, Trinchieri A.², Sarica K.³, Montanari E.¹

Institutes: ¹San Paolo Teaching Hospital, Dept. of Urology, Milan, Italy, ²Alessandro Manzoni Hospital, Dept. of Urology, Lecco, Italy, ³University of Yeditepe, Medical School, Dept. of Urology, Ankara, Turkey

*689

A prospective randomized comparison among SWL, PCNL and RIRS for lower calyceal stones less than 2 cm: A multicenter experience

By: Bozzini G.¹, Provenzano M.², Buffi N.², Guazzoni G.², Montanari E.³, Macchione N.³, Verze P.⁴, Mirone V.⁵, Dal Piaz O.⁵, Pummer K.⁵, Sanguedolce F.⁶, Osmolorski B.⁷, Seveso M.¹, Taverna G.¹

Institutes: ¹Humanitas Mater Domini, Dept. of Urology, Castellanza, Italy, ²Humanitas Research Hospital, Dept. of Urology, Rozzano, Italy, ³Ospedale San Paolo, Dept. of Urology, Milan, Italy, ⁴University Federico II, Dept. of Urology, Naples, Italy, ⁵Graz University Hospital, Dept. of Urology, Graz, Austria, ⁶London King’s College Hospital, Dept. of Urology, London, United Kingdom, ⁷Lomonosov University Hospital, Dept. of Urology, Moscow, Russia

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Comparison of flexible ureteroscopy with holmium laser lithotripsy and percutaneous nephrolithotomy for 2 to 3cm pelvic stones: A randomized controlled study

By: Li G.

Institutes: Zhejiang University, Dept. Of Medicine, Hangzhou, China

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Randomised controlled trial of ultra mini percutaneous nephrolithotomy versus retrograde intrarenal surgery in the treatment of 10–30mm calculi

By: Datta S.¹, Ng K-W.¹, Solanki R.², Desai J.²
Systematic review of tract sizes in miniaturized percutaneous nephrolithotomy
By: Ruhayel Y.1, Tepeler A.2, Dabestani S.1, MacIennan S.3, Petlik A.4, Sarica K.5, Seitz C.6, Skolarikos A.7, Straub M.8, Türk C.9, Yuan Y.C.10, Knoll T.11
Institutes: 1Skåne University Hospital, Dept. of Urology, Malmö, Sweden, 2Bezmialem Vakif University, Faculty of Medicine / Dept. of Urology, Istanbul, Turkey, 3University of Aberdeen, Academic Urology Unit, Aberdeen, United Kingdom, 4Region Hospital, Dept. of Urology, Ústí nad Labem, Czech Republic, 5Dr. Lutfi Kirdar Kartal Research and Training Hospital, Dept. of Urology, Istanbul, Turkey, 6Medical University Vienna, Dept. of Urology, Vienna, Austria, 7Sismanoglio Hospital, Athens Medical School, Dept. of Urology, Athens, Greece, 8Technical University Munich, Dept. of Urology, Munich, Germany, 9Rudolfstiftung Hospital, Dept. of Urology, Vienna, Austria, 10McMaster University, Dept. of Gastroenterology, Hamilton Health Sciences, Hamilton, Canada, 11Sindelfingen-Boeblingen Medical Center, University of Tübingen, Dept. of Urology, Sindelfingen, Germany

Assessing the volume-outcome relationship for PCNL in 2014: Analysis using national registry data of over 2000 cases
Institutes: 1Whittington Hospital NHS Trust, Dept. of Urology, London, United Kingdom, 2Norfolk and Norwich Hospitals NHS Trust, Dept. of Urology, London, United Kingdom, 3British Association of Urological Surgeons, Audit and Data Manager, London, United Kingdom, 4Addenbrooke’s Hospital, Cambridge, Dept. of Urology, London, United Kingdom, 5Guy’s and St Thomas’ NHS Hospitals Foundation Trust, Dept. of Urology, London, United Kingdom

Comparison of scoring systems used to predict stone free status after percutaneous nephrolithotomy: A single centre study with 208 cases
By: Lim B.T.Y., Yam W.L., Lim S.K., Teo J.K., Goh D., Ng F.C.
Institutes: Changi General Hospital, Dept. of Urology, Singapore, Singapore

An analysis of factors influencing length of stay after percutaneous nephrolithotomy
Institutes: University College Hospital, Dept. of Urology, London, United Kingdom

Ambulatory percutaneous nephrolithotomy: Single center prospective study
By: Agudelo J.A.1, Arias E.1, Chirinos J.1, Katch N.1, Riveros M.2, Sanchez L.2, Montiel R.2
Institutes: Hospital Coromoto De Maracaibo, Dept. of Urology, Maracaibo, Venezuela, 2Clinica Sucre De Maracaibo, Dept. of Urology, Maracaibo, Venezuela

External validation of Guy’s stone score in children treated with PCNL for renal stones
By: Ozman O.1, Erdal F.S.1, Yener S.1, Gulu T.2, Erozenci A.1, Onal B.1
Institutes: Cerrahpaşa Medical Faculty, Dept. of Urology, Istanbul, Turkey, 2Boston Children’s Hospital, Dept. of Developmental Medicine, Boston, United States of America

17:00 - 17:07

Summary and context
C.M. Scoffone, Turin (IT)