**PCNL: Intraoperative management and outcome**

**Poster Session 55**

**Sunday, 13 March**

**15:45 - 17:15**

**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.

<table>
<thead>
<tr>
<th>Session</th>
<th>Title</th>
<th>By</th>
<th>Institutes</th>
</tr>
</thead>
<tbody>
<tr>
<td>687</td>
<td>Minimal invasive PCNL (MPCNL) - update on efficacy and safety after 1196 consecutive patients</td>
<td>Anudu J.¹, Zimmermanns V.², Lahme S.²</td>
<td>Siloah St.Trudpert, Dept. of Urology, Pforzheim, Germany, Siloah St.Trudpert Hospital, Dept. of Urology, Pforzheim, Germany</td>
</tr>
<tr>
<td>*688</td>
<td>RIRS, regular and small size PCNL in the treatment of 1–2 cm renal stones: EULIS survey in 30 European stone centers</td>
<td>Zanetti S.P.¹, Catellani M.¹, Trinchieri A.², Sarica K.³, Montanari E.¹</td>
<td>San Paolo Teaching Hospital, Dept. of Urology, Milan, Italy, Alessandro Manzoni Hospital, Dept. of Urology, Lecco, Italy, University of Yeditepe, Medical School, Dept. of Urology, Ankara, Turkey</td>
</tr>
<tr>
<td>*689</td>
<td>A prospective randomized comparison among SWL, PCNL and RIRS for lower calyceal stones less than 2 cm: A multicenter experience</td>
<td>Bozzini G.¹, Provenzano M.², Buffi N.², Guazzoni G.², Montanari E.³, Macchione N.³, Verze P.⁴, Mironi V.⁴, Dal Piaz O.⁵, Pummer K.⁶, Sanguedolce F.⁶, Osmolarski B.⁷, Seveso M.¹, Taverna G.¹</td>
<td>Humanitas Mater Domini, Dept. of Urology, Castellanza, Italy, Humanitas Research Hospital, Dept. of Urology, Rozzano, Italy, Ospedale San Paolo, Dept. of Urology, Milan, Italy, University Federico II, Dept. of Urology, Naples, Italy, Graz University Hospital, Dept. of Urology, Graz, Austria, London King's College Hospital, Dept. of Urology, London, United Kingdom, Lomonosov University Hospital, Dept. of Urology, Moscow, Russia</td>
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<td>*690</td>
<td>Comparison of flexible ureteroscopy with holmium laser lithotripsy and percutaneous nephrolithotomy for 2 to 3cm pelvic stones: A randomized controlled study</td>
<td>Li G.</td>
<td>Zhejiang University, Dept. Of Medicine, Hangzhou, China</td>
</tr>
<tr>
<td>*691</td>
<td>Randomised controlled trial of ultra mini percutaneous nephrolithotomy versus retrograde intrarenal surgery in the treatment of 10-30mm calculi</td>
<td>Datta S.¹, Ng K-W.¹, Solanki R.², Desai J.²</td>
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**Poster Session 55**

**Systematic review of tract sizes in miniaturized percutaneous nephrolithotomy**


**Institutes:** Skåne University Hospital, Dept. of Urology, Malmö, Sweden, Bezmialem Vakif University, Faculty of Medicine / Dept. of Urology, Istanbul, Turkey, University of Aberdeen, Academic Urology Unit, Aberdeen, United Kingdom, Region Hospital, Dept. of Urology, Ústí nad Labem, Czech Republic, Dr. Lutfi Kirdar Kartal Research and Training Hospital, Dept. of Urology, Istanbul, Turkey, Medical University Vienna, Dept. of Urology, Vienna, Austria, Sismanoglio Hospital, Athens Medical School, Dept. of Urology, Athens, Greece, Technical University Munich, Dept. of Urology, Munich, Germany, Rudolfstiftung Hospital, Dept. of Urology, Vienna, Austria, McMaster University, Dept. of Gastroenterology, Hamilton Health Sciences, HAMILTON, Canada, Sindelfingen-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**

*By: Withington J., Finch W., Fowler S., Armitage J., Glass J., Irving S., Burgess N., Thomas K., Wiseman O.*

**Institutes:** Whittington Hospital NHS Trust, Dept. of Urology, London, United Kingdom, Norfolk and Norwich Hospitals NHS Trust, Dept. of Urology, London, United Kingdom, British Association of Urological Surgeons, Audit and Data Manager, London, United Kingdom, Addenbrooke’s Hospital, Cambridge, Dept. of Urology, London, United Kingdom, Guy’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., Arias E., Chirinos J., Katch N., Riveros M., Sanchez L., Montiel R.*

**Institutes:** Hospital Coromoto De Maracaibo, Dept. of Urology, Maracaibo, Venezuela, Clinica 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., Erdal F.S., Yener S., Gulu T., Erozenci A., Onal B.*

**Institutes:** Cerrahpasa Medical Faculty, Dept. of Urology, Istanbul, Turkey, Boston Children’s Hospital, Dept. of Developmental Medicine, Boston, United States of America

17:00 - 17:07

**Summary and context**

C.M. Scoffone, Turin (IT)