

PCNL: Imaging and access

Poster Session 46

Sunday, 13 March  
14:00 - 15:30

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

**Chairs:** E.K. Bres-Niewada, Warsaw (PL)  
P.J. Chibber, Mumbai (IN)  
S. McClinton, Aberdeen (GB)

**Aims and objectives of this presentation**

Preoperative imaging, correct planning and perfect access are the key factors of PNL. This session will address several aspects and controversies on how to achieve best results in PNL.

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.

- 569 **Antibiotic prescribing pre-PCNL: What affects clinical decision making and what effect do pre-operative antibiotics have on post-operative infection rates: Data from the BAUS national PCNL registry**  
By: Wiseman O.<sup>2</sup>, Withington J.<sup>1</sup>, Finch W.<sup>3</sup>, Fowler S.<sup>4</sup>, Armitage J.<sup>2</sup>, Glass J.<sup>5</sup>, Irving S.<sup>3</sup>, Burgess N.<sup>3</sup>  
**Institutes:**<sup>1</sup>Whittington Hospital Nhs Trust, Dept. of Urology, London, United Kingdom, <sup>2</sup>Cambridge University Teaching Hospitals NHS Trust, Dept. of Urology, Cambridge, United Kingdom, <sup>3</sup>Norfolk and Norwich University Hospitals NHS Trust, Dept. of Urology, Norwich, United Kingdom, <sup>4</sup>British Association of Urological Surgeons, Dept. of Audit, London, United Kingdom, <sup>5</sup>Guy's and St Thomas' NHS Foundation Trust, Dept. of Urology, London, United Kingdom
- 570 **The significance of preoperative neutrophil-lymphocyte count ratio on predicting postoperative sepsis after percutaneous nephrolithotomy**  
By: En V.<sup>1</sup>, Bozkurt I.H.<sup>1</sup>, Aydogdu O.<sup>1</sup>, Yonguc T.<sup>1</sup>, Yarimoglu S.<sup>1</sup>, Sen P.<sup>2</sup>, Koras O.<sup>3</sup>, Degirmenci T.<sup>1</sup>  
**Institutes:**<sup>1</sup>Izmir Bozyaka Research and Training Hospital, Dept. of Urology, Izmir, Turkey, <sup>2</sup>Izmir Katip Celebi University Ataturk Training and Research Hospital, Dept. of Infectious Diseases and Clinical Microbiology, Izmir, Turkey, <sup>3</sup>Mardin Midyat State Hospital, Dept. of Urology, Mardin, Turkey
- 571 **Investigation of the ideal position for endoscopic combined intrarenal surgery: Prone position vs modified Valdivia position**  
By: Hamamoto S., Unno R., Taguchi K., Ando R., Okada A., Tozawa K., Yasui T.  
**Institutes:**Nagoya City University, Dept. Of Nephro-urology, Nagoya, Japan
- 572 **Feasibility of supracostal access in supine percutaneous renal surgery**  
By: Al-Dessoukey A., Mousa A., Abdallah R., Gamal A., Abdolbary A., Massoud A.  
**Institutes:**Beni Suef University, Dept. of Urology, Cairo, Egypt
- 573 **Development of an ultrasound-guided renal puncture assisting flexible ureteroscope for ECIRS**  
By: Unno R., Hamamoto S., Taguchi K., Ando R., Okada A., Tozawa K., Kohri K., Yasui T.  
**Institutes:**Nagoya City University, Dept. of Nephro-urology, Nagoya, Japan
- 574 **Percutaneous nephrolithotomy under X-ray control and totally ultrasound-guided percutaneous nephrolithotomy: The outcome comparison**  
By: Atduev V.<sup>1</sup>, Ledyayev D.<sup>1</sup>, Dyrdik M.<sup>2</sup>, Abramov D.<sup>2</sup>, Sevryukov F.<sup>3</sup>, Yudeev I.<sup>2</sup>, Shevelev I.<sup>2</sup>,

Geyushov I.<sup>1</sup>, Bochkareva O.<sup>1</sup>

**Institutes:**<sup>1</sup>Nizhni Novgorod State Medical Academy, Dept. of Surgical Diseases, Nizhny Novgorod, Russia, <sup>2</sup>Volga District Medical Centre, Dept. of Urology, Nizhny Novgorod, Russia, <sup>3</sup>Railway Clinical Hospital At The Gorky Station, Dept. of Urology, Nizhny Novgorod, Russia

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**PCNL access by urologist or radiologist: An analysis of the BAUS PCNL Registry**

**By:** Armitage J.N.<sup>1</sup>, Fowler S.<sup>2</sup>, Finch W.<sup>3</sup>, Burgess N.A.<sup>3</sup>, Irving S.O.<sup>3</sup>, Withington J.<sup>4</sup>, Glass J.<sup>5</sup>, Wiseman O.J.<sup>1</sup>

**Institutes:**<sup>1</sup>Addenbrooke's Hospital, Dept. of Urology, Cambridge, United Kingdom, <sup>2</sup>British Association of Urological Surgeons, , London, United Kingdom, <sup>3</sup>Norfolk and Norwich University Hospitals Foundation Trust, Dept. of Urology, Norwich, United Kingdom, <sup>4</sup>Whittington Hospital, Dept. of Urology, London, United Kingdom, <sup>5</sup>Guy's Hospital, Dept. of Urology, London, United Kingdom

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**Assessing whether morphometric and anatomic measurements interferes with the accessibility of upper calyx through a lower calyx in supine PCNL**

**By:** Barguti Y.<sup>1</sup>, Mintz I.<sup>1</sup>, Giusti G.<sup>2</sup>, Proietti S.<sup>3</sup>, Matzkin H.<sup>1</sup>, Sofer M.<sup>1</sup>

**Institutes:**<sup>1</sup>Tel-Aviv Sourasky Medical Center, Dept. of Urology, Tel-Aviv, Israel, <sup>2</sup>Ospedale San Raffaele-Turro, Dept. of Urology, Milan, Italy, <sup>3</sup>Tenon Hospitalm Pierre and Marie Curie University, Dept. of Urology, Paris, France

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**Questioning the wisdom of puncture at the calyceal fornix in percutaneous nephrolithotripsy: Our experience with 137 patients operated via a non calyceal percutaneous track**

**By:** Kyriazis L., Kallidonis P., Vasilas M., Panagopoulos V., Liatsikos E.

**Institutes:**General University Hospital of Patras, Dept. of Urology, Patras, Greece

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**IPad assisted PCNL - clinical study to compare to the standard puncturing technique**

**By:** Rassweiler M-C.<sup>1</sup>, Klein J.T.<sup>2</sup>, Mueller M.<sup>3</sup>, Meinzer H-P.<sup>3</sup>, Rassweiler J.J.<sup>4</sup>

**Institutes:**<sup>1</sup>University Medicine Mannheim, Mannheim, Germany, <sup>2</sup>Universityhospital, Dept. of Urology, Ulm, Germany, <sup>3</sup>German Cancer Research Center (DKFZ), Dept. of Medical and Biological Informatics, Heidelberg, Germany, <sup>4</sup>SLK-Kliniken Heilbronn, Dept. of Urology, Heilbronn, Germany

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**Caliceal stone distribution is better than Guy's stone score in predicting outcome after percutaneous nephrolithotomy**

**By:** Osman Y., El-Nahas A., Harraz A., Diao-Eldin T., Elsayy A., El-Kappany H.

**Institutes:**Urology and Nephrology Center, Dept. of Urology, Mansoura, Egypt

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**Pediatric PCNL: Can we consider the lower calyx as a universal calyx?**

**By:** Gamal Saad W., Mmdouh A.

**Institutes:**Sohag University Hospital, Dept. of Urology, Sohag, Egypt

15:15 - 15:22

**Summary and context**

S. McClinton, Aberdeen (GB)