Aims and objectives of this presentation
ESWL was applied to most stones in the kidney and ureter for decades, but today improvements of endourological procedures led to a significant decrease in ESWL frequency. Since a few years, however, the interest in ESWL seems to rise again and interesting new developments are seen.

Poster viewing of 20 minutes. Presentations will take place on stage. Standard presentations are 2 minutes in length, followed by 2 minutes for discussion.

Emergency extracorporeal shockwave lithotripsy (eESWL) for acute renal colic due to ureteral stones
Institutes: Azienda Ospedaliero Universitaria di Trieste, Dept. of Urology, Trieste, Italy

A retrospective comparative analysis between emergency and elective shockwave lithotripsy for acutely obstructing ureteral stones
By: Durner L.1, Bourdoumis A.2, Dibenedetto A.3, Roberts J.3, Patel A.3
Institutes: 1Harnsteinzentrum München, Fachkliniken München AG, Planegg, Germany, 2Torbay Hospital, Dept. of Urology, Torquay, United Kingdom, 3Royal London Hospital, Dept. of Urology, London, United Kingdom

Primary ESWL is an efficient and cost-effective treatment for lower pole renal stones between 10-20mm in size: A prospective large single centre study
By: Good D.W., Chan L.H., Phipps S., Thomas B.G., Keanie J.Y., Tolley D.A., Cutress M.L.
Institutes: Western General Hospital, NHS Lothian, The Scottish Lithotriptor Centre, Department of Urology, Edinburgh, United Kingdom

Concomitant tamsulosin and silodosin treatment is not associated with a better clinical outcome or an increased stone free rate in patients treated with ESWL: A randomized-placebo controlled study
By: De Nunzio C., Brassetti A., Bellangino M., Lombardo R., Presicce F., Voglino O., Tubaro A.
Institutes: Sant’ Andrea Hospital ‘La Sapienza’, Dept. of Urology, Rome, Italy

In vitro assessment of the influence of focus size on stone comminution in shock wave lithotripsy
By: Heers H.1, Turney B.1, Cleveland R.2
Institutes: 1University of Oxford, Oxford Stone Group, Dept. of Urology, Nuffield Department of Surgical Sciences, Oxford, United Kingdom, 2University of Oxford, Institute of Biomedical Engineering, Department of Engineering Science, Oxford, United Kingdom

Do stones that fail lithotripsy require treatment?
By: Pullar B., Collie J., Shah N., Hayek S., Wiseman O.
Institutes: Addenbrookes Hospital, Dept. of Urology, Cambridge, United Kingdom

Stone volume and stone attenuation: Significant predictors for extracorporeal shock wave lithotripsy success in ureteric stones
By: Dukic I., Ellison J., Collin N., Timoney A., Philip J.
Institutes: North Bristol NHS Trust, Bristol Urological Institute, Bristol, United Kingdom

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Computed tomography-based novel prediction model for the outcome of SWL in proximal ureteral stone
By: Yoon C.Y.¹, Kong M.K.¹, Ahn H.G.¹, Kang S.G.¹, Han J.H.¹, Kang Y.J.¹, Jang W.S.², Lee J.S.², Kim Y.S.³, Park H.S.³, Cho I.R.³, Cheon J.³, Choi Y.D.¹
Institutes: Yonsei University College of Medicine, Dept. of Urology, Seoul, South Korea, Cheil General Hospital and Women’s Healthcare Center, Dankook University, College of Medicine, Dept. of Urology, Seoul, South Korea, National Health Insurance Service Ilsan Hospital, Dept. of Urology, Ilsan, South Korea, Korea University, College of Medicine, Dept. of Urology, Seoul, South Korea

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Stone heterogeneity index defined as the standard deviation of Hounsfield units on non-contrast computed tomography is a novel predictor for shock-wave lithotripsy outcomes in ureteral calculi
By: Kang D.H.¹, Lee J.Y.¹, Chung D.Y.¹, Song Y.S.², Kang Y.J.¹, Jung H.D.², Kwon J.K.¹, Lee S.H.¹, Choi Y.D.¹, Cho K.S.¹
Institutes: Yonsei University College of Medicine, Dept. of Urology, Urological Science Institute, Seoul, South Korea, Incheon Red Cross Hospital, Dept. of Urology, Incheon, South Korea, Soonchunhyang University Seoul Hospital, Soonchunhyang University College of Medicine, Dept. of Urology, Seoul, South Korea

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Predicting successful shockwave lithotripsy using CT texture analysis: A potential novel biomarker
By: Cui H.¹, Stevens D.¹, Ganeshan B.², Turney B.¹
Institutes: University of Oxford, Oxford Stone Group, Oxford, United Kingdom, University College London, Institute of Nuclear Medicine, London, United Kingdom

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Does lithotripsy increase stone recurrence? A comparative study between extracorporeal shock wave lithotripsy and non-fragmenting percutaneous nephrolithotomy
Institutes: Urology And Nephrology Center, Dept. of Urology, Mansoura, Egypt

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Past and present of ESWL in the era of modern endourology – a single center experience
By: Manu R.¹, Constantinu R.², Manu M.A.², Părîteanu B.¹, Sinisescu I.²
Institutes: Fundeni Clinical Institute, Dept. of Urophrophology and Renal Transplantation, Bucharest, Romania, Bucharest, Romania, Fundeni Clinical Institute, University of Medicine and Pharmacy Carol Davila, Dept. of Urophrophology and Renal Transplantation, Bucharest, Romania, Bucharest, Romania

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Is an increase of focal shock wave energy through an expanded number of shockwaves per session efficient and safe in extracorporeal lithotripsy? A cost-effectiveness analysis
By: Betancourt J.¹, Budía Alba A.¹, Caballer V.², López-Acón J.D.¹, Vivas-Consuelo D.², Bahilo P.¹, Trassierra-Villa M.¹, Boronat F.¹
Institutes: Hospital Universitari i Politècnic La Fe, Dept. of Endourology and Lithotripsy, Valencia, Spain, Universitat Politècnica De València, Research Centre For Health Economics and Management, Valencia, Spain

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Comparision of extracorporeal shock wave lithotripsy versus retrograde intrarenal surgery in the management of small moderated-sized renal stones: A cost-effectiveness analysis
By: Bahilo P.¹, Caballer V.², López-Acón D.², Budía A.², Vivas-Consuelo D.², Trassierra M.³, Boronat F.³
Institutes: ¹1la Fe University and Politechnic Hospital, Valencia, Dept. of Urology, Valencia, Spain, ²Politechnic University of Valencia, Research Centre For Health Economics and Management, Valencia, Spain, ³La Fe University and Politechnic Hospital, Valencia, Dept. of Urology, Valencia, Spain
Summary and context
A. Neisius, Mainz (DE)