



ESUI21

9th Meeting of the EAU Section of Urological Imaging

In conjunction with the 11th European Multidisciplinary Congress on Urological Cancers **EMUC21**

25 November 2021, Athens, Greece

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Scientific Programme Thursday 25 November 2021

08:30 - 08:40	Welcome and Introduction <i>Chair</i> G. Salomon, Hamburg (DE)
08:40 - 09:15	The MRI Corner: Faster and cheaper <i>Moderators</i> A. Villers, Lille (FR) T. Loch, Flensburg (DE)
08:40 - 08:47	Yes or No: Strategies to lower PIRADS III lesions J. Barentsz, Nijmegen (NL)
08:47 - 08:50	Discussion
08:50 - 08:57	The new mpMRI: Biparametric MRI : fast and accurate G. Brembilla, Milan (IT)
08:57 - 09:00	Discussion
09:00 - 09:15	Q&A
09:15 - 10:20	Resuscitation of TRUS: Better than MRI ? <i>Moderators</i> J. Barentsz, Nijmegen (NL) G. Salomon, Hamburg (DE)
09:15 - 09:22	Who doesn't need routine MRI? Is it just me? T. Loch, Flensburg (DE)
09:22 - 09:25	Discussion
09:25 - 09:32	29 MHZ microultrasound: Cheaper, better, faster? R. Sanchez-Salas, Paris (FR)
09:32 - 09:35	Discussion
09:35 - 09:42	The CADMUS trial: multiparametric ultrasound A.D.R. Grey, London (GB)
09:42 - 09:45	Discussion
09:45 - 09:53	Friendly fire or Dispute? Coexistence of TRUS and MRI in 2025? J. Barentsz, Nijmegen (NL) T. Loch, Flensburg (DE)
09:53 - 09:55	Discussion
09:55 - 10:02	Perineal Fusion biopsy in local anesthesia: Beating infections and providing an office based service? L. Budäus, Hamburg (DE)
10:02 - 10:05	Discussion
10:05 - 10:20	Q&A
10:50 - 11:35	Monitor the disease <i>Moderators</i> L. Budäus, Hamburg (DE) M.C. Kriegmair, Mannheim (DE)
10:50 - 10:57	Drug response F. Sanguedolce, Barcelona (ES)

10:57 - 11:00	Discussion
11:00 - 11:07	Multiparametric Magnetic Resonance Imaging as a Noninvasive Assessment of Tumor Response to Neoadjuvant Treatment of muscle invasive bladder cancer A. Necchi, Milan (IT)
11:07 - 11:10	Discussion
11:10 - 11:17	Active surveillance: Re Biopsy or just MRI A. Villers, Lille (FR)
11:17 - 11:20	Discussion
11:20 - 11:35	Q&A
11:35 - 12:05	Best abstract session <i>Moderators</i> G. Salomon, Hamburg (DE) P. Martino, Bari (IT)
EO1	Deep learning for prostate and zonal segmentation on a multicenter MRI dataset By: Dinis Fernandes C. ¹ , Błach H. ¹ , Barentsz J.O. ² , Heijmink S.W.T.P.J. ³ , Wijkstra H. ⁴ , Mischi M. ¹ , <u>Turco S.</u> ¹ Institutes: ¹ Eindhoven University of Technology,, Dept. of Electrical Engineering, Eindhoven, The Netherlands, ² Radboudumc, Dept. of Radiology and Nuclear Medicine, Nijmegen, The Netherlands, ³ The Netherlands Cancer Institute, Dept. of Radiology, Amsterdam, The Netherlands, ⁴ Amsterdam University Medical Center,, Dept. of Urology, Amsterdam, The Netherlands
EO2	The applicability of artificial intelligence algorithms on multi-parametric magnetic resonance imaging for the detection of extraprostatic extension in prostate cancer By: <u>van den Berg I.</u> ¹ , Soeterik T.F.W. ¹ , Van Der Hoeven E.J.R.J. ² , Van Melick H.H.E. ¹ Institutes: ¹ St. Antonius Hospital, Dept. of Urology, Nieuwegein, The Netherlands, ² St. Antonius Hospital, Dept. of Radiology, Nieuwegein, The Netherlands
EO3	High-Intensity Focused Ultrasound (HIFU) Focal Therapy (FT) to primary treatment of localized Prostate Cancer (PCa) using 68Ga-PSMA PET/RM as main guidance: Innovative experience of 16 patients By: Figuerôa F. ¹ , Helfenstein G. ² , Zaghini C. ¹ , <u>Azze-Natel R.</u> ³ , Jabour V. ⁴ , Mariotti G. ⁴ , Rahal-Jr A. ⁴ , Gobbo-Garcia R. ⁴ Institutes: ¹ Unicid, Dept. of Interventional Radiology, São Paulo, Brazil, ² UNISA, Dept. of Interventional Radiology, São Paulo, Brazil, ³ Unicid, Dept. of Interventional Radiology, São Paulo, Brazil, ⁴ Hospital Israelita Albert Einstein, Dept. of Interventional Radiology, São Paulo, Brazil
EO4	Metastatic renal cell carcinoma characterised by Prostate Specific Membrane Antigen (PSMA) Positron Emission Tomography (PET) / Computed Tomography (CT) By: <u>Tariq A.</u> ¹ , Pearce A. ¹ , Rhee H. ² , Thomas P. ³ , Pattison D. ³ , Kyle S. ⁴ , Navaratnam A. ¹ , Dunglison N. ¹ , Esler R. ¹ , Yaxley J. ¹ , Roberts M. ¹ Institutes: ¹ Royal Brisbane and Women's Hospital, Dept. of Urology, Brisbane, Australia, ² Princess Alexandra Hospital, Dept. of Urology, Brisbane, Australia, ³ Royal Brisbane and Women's Hospital, Dept. of Nuclear Medicine, Brisbane, Australia, ⁴ Princess Alexandra Hospital, Dept. of Radiology, Brisbane, Australia
EO5	Virtual arterial clamp: A 3D step towards personalized medicine? By: <u>Grange P.</u> ¹ , Fryrear R. ² Institutes: ¹ Johnson & Johnson, Ethicon, Norderstedt, Germany, ² Johnson & Johnson, Ethicon, Cincinnati, OH, United States of America

EO6	<p>MRI-guided percutaneous cryoablation of small renal tumors: 3D treatment margin assessment and correlation with local outcome</p> <p>By: <u>Van Oostenbrugge T.J.</u>¹, De Jager N.S.², Pätz T.³, Jenniskens S.F.M.², Fütterer J.J.², Langenhuijsen J.F.¹, Overduin C.G.²</p> <p>Institutes: ¹Radboud University Medical Center, Dept. of Urology, Nijmegen, The Netherlands, ²Radboud University Medical Center, Dept. of Radiology, Nijmegen, The Netherlands, ³Fraunhofer Institute for Digital Medicine, Dept. of Digital Medicine, Bremen, Germany</p>
13:05 - 13:40	<p>How to tackle the diagnostic dilemma in small renal masses</p> <p><i>Moderators</i> M.C. Kriegmair, Mannheim (DE) J. Walz, Marseille (FR) M. Ritter, Bonn (DE)</p>
13:05 - 13:12	<p>Contrast enhanced ultrasonography in small renal masses</p> <p>K.F. Stock, Munich (DE)</p>
13:12 - 13:15	Discussion
13:15 - 13:22	<p>Positron emission computed tomography with 89Zr- girentuximab for metastasize renal cell carcinoma</p> <p>M.C.H. Hekman, Heilig Landstichting (NL)</p>
13:22 - 13:25	Discussion
13:25 - 13:40	Q&A
13:40 - 14:15	<p>Future directions in bladder cancer</p> <p><i>Moderators</i> P. Martino, Bari (IT) V. Scattoni, Milan (IT)</p>
13:40 - 13:47	<p>A life without TUR-B?: Virads and its clinical impact</p> <p>V. Panebianco, Rome (IT)</p>
13:47 - 13:50	Discussion
13:50 - 13:57	<p>Standardized: Web-augmented and standardised reporting of cystoscopy findings</p> <p>F. Waldbillig, Mannheim (DE)</p>
13:57 - 14:00	Discussion
14:00 - 14:15	Q&A
14:15 - 15:00	<p>The PSMA PET Corner</p> <p><i>Moderators</i> V. Panebianco, Rome (IT) F.L.G. Giesel, Dusseldorf (DE)</p>
14:15 - 14:22	<p>Will PSMA PET CT replace mpMRI?</p> <p>P.J. Van Leeuwen, Badhoevedorp (NL)</p>
14:22 - 14:25	Discussion
14:25 - 14:32	<p>The Drop In: Robotic radio guided surgery</p> <p>T. Maurer, Hamburg (DE)</p>
14:32 - 14:35	Discussion
14:35 - 14:42	<p>PSMA PET in urologic malignancies: An overview</p> <p>F.L.G. Giesel, Dusseldorf (DE)</p>
14:42 - 14:45	Discussion
14:45 - 15:00	Q&A

15:00 - 15:15	Late breaking : The future of Hands- on Education: Remote Training Program Utilizing Augmented Reality <i>Moderators</i> G. Salomon, Hamburg (DE) M.C. Kriegmair, Mannheim (DE) H. Wijkstra, Amsterdam (NL)
15:00 - 15:15	The future of Hands- on Education: Remote Training Program Utilizing Augmented Reality N. Stone, New York (US)
15:15 - 15:40	Time for the shots <i>Moderators</i> G. Salomon, Hamburg (DE) M.C. Kriegmair, Mannheim (DE) H. Wijkstra, Amsterdam (NL)
15:15 - 15:18	Quality assurance in mpMRI J. Barentsz, Nijmegen (NL)
15:18 - 15:21	MRI and PI-RR scoring system for prostate cancer recurrence detection V. Panebianco, Rome (IT)
15:21 - 15:24	Impact of Multiparametric Stone Measurement in Noncontrast Computer Tomography on Ureterorenoscopic Stone Removal M. Ritter, Bonn (DE)
15:24 - 15:27	Angiogenesis Analytics: Will this be the future? H. Wijkstra, Amsterdam (NL)
15:27 - 15:33	AI and instant virtual histopathology in 30 minutes T. Loch, Flensburg (DE)
15:33 - 15:40	Q&A
15:40 - 15:45	Closing remarks <i>Chair</i> G. Salomon, Hamburg (DE)