Which imaging modality tells the truth? Correlation between PSMA/MRI/US and pathology

Poster Session 21
Saturday 18 July 14:15 - 15:45
Location: Green Area, Room 3
Chairs: B.A. Hadaschik, Essen (DE)
To be confirmed
To be confirmed

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.

* 270 Which prostate cancers are overlooked by mpMRI? An analysis from PROMIS
To be confirmed

271 Diagnostic performance of biparametric MRI of the prostate (bp-MRI) in biopsy-naïve men with suspect of prostate cancer: Intermediate data of a phase II study
To be confirmed

272 A lesion specific analysis of the performance of multiparametric MRI in detection of clinically significant prostate cancer in the PART feasibility trial
To be confirmed

273 Detection of intraprostatic tumor localisation with 18-Fluorine Prostate-Specific Membrane Antigen (PSMA) PET/CT compared to radical prostatectomy specimens: Is PSMA-targeted biopsy feasible? the DeTeCT trial
To be confirmed

274 How can we increase the positive predictive value of PIRADS 4 and 5 lesions at mp-MRI? Development of a novel prediction tool relying on a large, multi-institutional series
To be confirmed

275 Accuracy and variation of biparametric prostate MRI reporting across a range of reader experience: The global BooMeR Study - initial results

By: Miller R. ¹, Radtké J.P. ², Hadaschik B. ², Hansen N. ³, Teoh J. ⁴, Giganti F. ⁵, Allen C. ⁵, Moore C. ⁵, Miano R. ⁶, Saoud R. ⁷, Eggener S. ⁷, Whan A. ⁸, Sonn G. ⁹, Taneja S. ¹⁰, Barrett T. ¹¹, Westphalen A. ¹², Schoots I. ¹³, Grummet J.¹

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<th>Session</th>
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<td>276</td>
<td>Combined clinical characteristics and multiparametric MRI parameters for prediction of cribriform morphology in intermediate-risk prostate cancer</td>
<td>By: Gao J.¹, Zhang Q.¹, Fu Y.², Guo H.¹ ¹Nanjing Drum Tower Hospital, Dept. of Urology, Nanjing, China, ²Nanjing Drum Tower Hospital, Dept. of Pathology, Nanjing, China</td>
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<td>277</td>
<td>Diagnostic accuracy of ADC value on biparametric MRI for detecting clinically significant prostate cancer</td>
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<td>278</td>
<td>The role of 68Ga-PSMA PET/MRI in the detection and localisation of prostate cancer: The SAMURAI study</td>
<td>By: Cheng J.¹, Pan Y.C¹, Kalapara A.², O'sullivan R.³, Beech P.⁴, Ryan A.⁵, Landau A.⁶, Bradley J.⁷, McIntyre R.⁷, Ferris N.⁷, Chen Z.⁷, Tahayori B.⁷, Ramdave S.⁷, Frydenberg M.⁶, Egan G.⁷, Grummet J.⁸ ¹Monash University, Monash School of Medicine, Melbourne, Australia, ²Monash University, Dept. of Surgery, Melbourne, Australia, ³Bridge Road Imaging, Dept. of Radiology, Melbourne, Australia, ⁴The Alfred Hospital, Dept. of Radiology, Melbourne, Australia, ⁵TissuPath, Dept. of Pathology, Melbourne, Australia, ⁶Australian Urology Associates, Dept. of Urology, Melbourne, Australia, ⁷Monash Biomedical Imaging, Dept. of Biomedical Imaging, Melbourne, Australia, ⁸The Alfred Hospital, Dept. of Urology, Melbourne, Australia</td>
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<td>The role of multiparametric MRI and 68-Ga-PSMA PET/MRI in determining the location of index tumor in radical prostatectomy specimen</td>
<td>By: Coşar U.¹, Şen I.¹, Aydos U.², Koparal M.Y.³, Uçar M.⁴, Tokgöz N.⁴, Gönlü İ.I.⁵, Akdemir Ü.Ö.², Atay L.Ö.², Sözen T.S.¹ ¹Gazi University School of Medicine, Dept. of Urology, Ankara, Turkey, ²Gazi University School of Medicine, Dept. of Nuclear Medicine, Ankara, Turkey, ³Recep Tayyip Erdogan University Training and Research Hospital, Dept. of Urology, Rize, Turkey, ⁴Gazi University School of Medicine, Dept. of Radiology, Ankara, Turkey, ⁵Gazi University School of Medicine, Dept. of Pathology, Ankara, Turkey</td>
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<td>Micro-ultrasound imaging of men with family history of prostate cancer: Subpopulation analysis from a multi-institution randomized clinical trial</td>
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<td>281</td>
<td>Radiomic analysis of T2 and ADC mpMRI images in the diagnosis of clinical significant prostate cancer: An early experience</td>
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<td>282</td>
<td>Predictive power of non-invasive mp-MRI markers for clinically significant prostate cancer</td>
<td>By: Goncharuk D.¹, Veliev E.¹, Sokolov E.¹, Shabunin I.², Pakлина O.³, Setdikova G.⁴, Semiletov N.¹ ¹Russian Medical Academy of Continuous Professional Education, Dept. of Urology and...</td>
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2 Patero Clinic, Dept. of Radiology, Moscow, Russia,  
3 Botkin Memorial Hospital, Dept. of Pathomorphology, Moscow, Russia,  
4 Botkin Clinical Hospital, Dept. of Pathomorphology, Moscow, Russia

| 283 | **Correlation between hybrid PSMA PET MRI and histopathology at radical prostatectomy**  
To be confirmed |