

# Poster Exhibition 2017

## MSK

1. **Is there a link between shoulder pain, shoulder capsule width and rotator cuff (RTC) pathology?**, Damien Laruelle, European School of Osteopathy
2. **Ultrasound in rheumatology: A practical guide**, Katherine Smith<sup>1</sup>, Richard Wakefield<sup>2</sup>, Richard Craig<sup>1</sup>, <sup>1</sup>Leeds Biomedical Research Centre, Leeds Teaching Hospitals, <sup>2</sup>Leeds Institute of Rheumatic and Musculoskeletal Medicine, University of Leeds
3. **Ultrasound assessment of a common cause of forefoot pain: Plantar plate tear of the 2<sup>nd</sup> - 5<sup>th</sup> metatarsophalangeal joints**, Angela Clough, Radiology, Weston General Hospital
4. **Can Swindon foot and ankle questionnaire (SFAQ) be used to screen ultrasound requests?**, Roopa Tekkatte, Hyeladzira Thahal, Lyn Williamson, Great Western NHS Foundation Trust
5. **Is it possible to predict the eventual outcome of a Graf Type IIa Hip by graphical extrapolation?**, Deirdre Walden, Princess Anne Hospital
6. **The role of ultrasound in the differential diagnosis of palpable abdominal wall lesions**, John Ferrier, Kate Kingston, Radiology, York Hospital
7. **Ultrasound detection of hamstrings tears (a less usual cause for hip pain)**, Min Hui Ho<sup>1</sup>, Suraj Menon<sup>1</sup>, Lisa Meacock<sup>2</sup>, <sup>1</sup>Radiology Department, Darent Valley Hospital NHS Trust, <sup>2</sup>Imaging Department, Kings College Hospital, NHA Foundation Trust
8. **Acute medial Gastrocnemius tear with associated deep vein thrombosis: A case series and review of the literature**, Christopher Lord<sup>1</sup>, Thomas Gibson<sup>1</sup>, Steve Baynes<sup>2</sup>, Mark Wotherspoon<sup>3</sup>, Leonard King<sup>1</sup>, <sup>1</sup>Radiology, University Hospitals, Southampton NHS Foundation Trust, <sup>2</sup>Sports Medicine, Southampton Football Club, <sup>3</sup>Sports Medicine Nuffield Health

## Paediatrics

9. **The ultrasound features of necrotic bowel in children: A pictorial essay**, Eu Leong Harvey Teo, Diagnostic Imaging and Intervention KK Women's and Children's Hospital Singapore
10. **The neonatal spine: Ultrasound technique and pathology**, Mariesa Taylor-Allkins, Fariba Williams, Roy Wheeler, Tom Watson, Great Ormond Street Hospital for Children
11. **Vascular anomalies - The key role of ultrasound in making the diagnosis**, Fariba Williams, Mariesa Taylor-Allkins, Roy Wheeler, Alex Barnacle, Great Ormond Street Hospital for Children
12. **Hepatocellular carcinoma on top of cystic fibrosis related liver disease: A deadly combination**, Kelly Foley-Friel, Radiology Crumlin Children's Hospital
13. **Musculoskeletal ultrasound in children – Some of the challenges and pitfalls**, Tobi Aderotimi, Kate Kingston, Radiology York Hospital

14. **Application of bowel ultrasound in comparison to MRI: A case study**, Mitesh Naik, Fariba Williams, Tom Watson, Great Ormond Street Hospital for Children NHS Foundation Trust
15. **Soft tissue masses in children: An important differential diagnosis**, Fariba Williams, Mitesh Naik, Derek Roebuck, Great Ormond Street Hospital for Children NHS Foundation Trust

## Head and Neck

16. **Satisfying NICE (quickly) - A sonographer's experience of a streamlined approach to becoming proficient in ultrasound guided biopsy in the neck**, Michelle Davies, Chris Greenall, Rhodri Evans, Radiology ABMU Health Board
17. **Orbital Ultrasound - the good, the bad and the ugly**, Lydia Guthrie<sup>1</sup>, T Betts<sup>2</sup>, R Rhys<sup>1</sup>, C Greenall<sup>1</sup>, <sup>1</sup>Radiology Royal Glamorgan Hospital, <sup>2</sup>Ophthalmology University Hospital of Wales
18. **Scrofula – The King's Evil. Sonographic features of tuberculous cervical lymphadenitis**, Gerald Orpen<sup>1,2</sup>, Mary Walsh<sup>1,2</sup>, Marie Stanton<sup>2</sup>, Therese Herlihy<sup>2</sup>, Victoria Chan<sup>1</sup>, <sup>1</sup>Mater Misericordiae University Hospital, <sup>2</sup>University College Dublin
19. **A practical approach to the common diagnostic dilemmas encountered in ultrasound examination for thyroiditis**, Sally Daniels, Sofia. Otero, Imaging UCLH
20. **Clinical role extension for sonographers: A case report**, Angela Dowle, Peter Cantin, Ultrasound Derriford Hospital
21. **Reducing non-diagnostic Thyroid FNA rates using 2 pass technique**, Russell Young, Cirencester Radiology Department, Gloucestershire Hospitals NHS Foundation Trust
22. **Correlation between the British Thyroid Association ultrasound grading of thyroid nodules and histopathology specimens with assessment of inter-rater agreement: A one-year institutional experience from UCLH**, Olivia Francies, Susan Jawad, Simon Morley, Sally Daniels, Sofia Otero, Radiology, University College London Hospital

## Physics

23. **Evaluation of subjective and objective ultrasound quality assurance sensitivity assessment methods**, Tuathan O'Shea, Joint Dept. of Physics, The Royal Marsden NHS Foundation Trust
24. **Everything you wanted to know about knobs but were too afraid to ask**, Matthew Murphy, Thomas Davies, Karis McFeely, Darren Chan, Peter Cantin, Radiology Derriford Hospital, Plymouth
25. **In vivo validation of 3D transperineal ultrasound estimates of prostate motion during radiotherapy**, Alexander Grimwood<sup>1</sup>, Helen McNair<sup>2</sup>, Tuathan O'Shea<sup>2</sup>, Jeffrey C Bamber<sup>1</sup>, Alison Tree<sup>2</sup>, Emma Harris<sup>1</sup>, <sup>1</sup>Radiotherapy and Imaging, Institute of Cancer Research, <sup>2</sup>Radiotherapy and Imaging, Royal Marsden Hospital
26. **Measurement of the output of transvaginal probes and correlation with temperature variation in a phantom test**, Piero Miloro, Ultrasound and Underwater acoustics National Physical Laboratory
27. **In-vivo measurement of temperature variation during transvaginal scans**, Piero Miloro<sup>1</sup>, Suzanne Beattie-Jones<sup>2,3</sup>, Lee Wing Fai<sup>3</sup>, Christoph Lees<sup>4</sup>, <sup>1</sup>Ultrasound and Underwater acoustics

National Physical Laboratory, <sup>2</sup>Queen Charlotte's and Chelsea Hospital, <sup>3</sup>Imperial College Healthcare NHS Trust, <sup>4</sup>Imperial College London

## Professional Issues

28. **Right test, right place, right time; Implementing the BMUS Best Practice Guidelines**, Pamela Parker, Ultrasound Hull and East Yorkshire Hospitals NHS Trust
29. **Mystery shoppers – A quality review process in radiology**, Pamela Parker<sup>1</sup>, Simon Freeman<sup>2</sup>, <sup>1</sup>Ultrasound Hull and East Yorkshire Hospitals NHS Trust, <sup>2</sup>Radiology, Plymouth Hospitals NHS Trust
30. **Is sonography a real profession?**, Rachel Barker, Anushka Sumra, Radiography Birmingham City University
31. **A simple method for measuring ultrasound slice thickness with depth**, Steven Jackson, Patricia Amata, Stephen Russell, Christie Medical Physics and Engineering, Christie NHS Foundation Trust
32. **Lump not rump: The value of a sonographer run lump ultrasound service**, Rina Hirani, Radiology, London North West Hospital Trust

## Vascular

33. **EVAR stent graft: Ultrasound characteristics**, Myra Calumpong, Joao Carreira, Steven Rogers, Vascular Studies Unit, University of South Manchester NHS Trust
34. **Sonographic findings of a recannalised femoral pseudoaneurysm: What happened next?**, Ellen Cronin, Maria O'Brien, Therese Herlihy, University College Dublin

## General Imaging

35. **What is the impact of changing body position on liver stiffness estimates obtained using point shearwave elastography in fasted healthy volunteers?**, Suman Bassi<sup>1</sup>, Anne-Marie Culpán<sup>2</sup>, Kirstie Godson<sup>2</sup>, <sup>1</sup>Philips Clinical Applications Specialist, <sup>2</sup>University of Leeds
36. **Exposition of a renal cell carcinoma (RCC) with an associated pelvis mass on ultrasound**, Jake Wheater, Michelle Hood, Radiology Sheffield Teaching Hospitals NHS Trust
37. **The role of Sonography in the detection of Transitional Cell Carcinoma**, Adele Hardcastle, Stephen Wolstenhulme, Simon Burbidge, Radiology Leeds Teaching Hospitals NHS Trust
38. **Goblet cell carcinoma of the appendix: Case review**, Leigh Cassels-Gibson, Ultrasound, Leicester Royal Infirmary, University Hospitals of Leicester
39. **Ultrasound in diagnosing acute calculous cholecystitis**, Suzzanna Leeming, Radiology Sheffield Teaching Hospital and University of Leeds
40. **An unusual presentation of Urachal Tumour**, Ruth Reeve, Laura Durdle, Portsmouth Hospitals NHS Trust
41. **Appendix Mucocele: A case review**, Vanita Suthar-Grady, Queen Alexandra Hospital

## Gynaecology

42. **Is a full bladder still necessary for pelvic ultrasound?**, Susan Unwin-Golding, Radiology, Plymouth Hospital NHS Trust
43. **Solid Adnexal Masses – All you need to know**, Philip Jarvis<sup>1</sup>, Diane De Friend<sup>2</sup>, <sup>1</sup>Peninsula Radiology Academy, <sup>2</sup>Imaging, Plymouth Hospital NHS Trust
44. **Ovarian dysgerminoma case report - Lessons learnt**, Elizabeth Bullivant, Obstetrics and Gynaecology Ultrasound, Sheffield Teaching Hospitals NHS Foundation Trust
45. **Exposition of an endometrial polyp on ultrasound**, Jake Wheeler, Michelle Hood, Radiology Sheffield Teaching hospitals NHS Trust
46. **Ultrasound in diagnosing a dermoid cyst - A case study**, Suzzanna Leeming, Radiology, Sheffield Teaching Hospitals

## Obstetrics

47. **Cervical length measurement - A pictorial review**, Gillian Coleman, Ultrasound Department, Nottingham University Hospitals NHS Trust and University of Derby
48. **Review of third trimester abdominal circumference (AC) measurements**, Ellen Dyer, Trish Chudleigh, Rosie Ultrasound Cambridge University Hospitals
49. **Potential of new 3D ultrasound-based metric to assess the fetal skull: A pilot study**, Jacqueline Matthew<sup>1</sup>, Caroline Knight<sup>1</sup>, Chandni Gupta<sup>1</sup>, Alberto Gomez<sup>1</sup>, Matthew Sinclair<sup>2</sup>, Yuanwei Li<sup>2</sup>, Daniel Rueckert<sup>2</sup>, Juan J Cerrolaza<sup>2</sup>, <sup>1</sup>Department of Perinatal Imaging and Health, King's College London, <sup>2</sup>Biomedical Image Analysis Group, Imperial College London
50. **Twin reversed arterial perfusion (TRAP) sequence**, Denise McGrath<sup>1,2</sup>, S Briody<sup>1</sup> N Ravikumar<sup>1</sup>, M Moran<sup>2</sup>, <sup>1</sup>Fetal Assessment Unit, Regional Hospital Mullingar, Mullingar, Westmeath, Ireland <sup>2</sup>Radiography and Diagnostic Imaging, School of Medicine, University College Dublin, Ireland

## Early Pregnancy

51. **Diagnosing caesarean scar pregnancy with transvaginal ultrasound**, Alex Rourke, Radiology Nottingham University Hospitals
52. **Image quality management in early pregnancy: The case for improved guidance**, Vincent Pelling, Joely Smith, Michael Mills, Lisa Harris, Medical Physics, Brighton and Sussex University Hospitals NHS Trust

## Other

53. **Ultrasound scoring for assessment of soft tissue masses**, Richard Simon Davies, Dr Tishi Ninan, Dr Suresh Dalavaye, Dr Luqman Wali, Dr Fahad Zaman, Department of Radiology Morrision Hospital

54. **Impact of an intensive ultrasound training block on trainee competence**, Sarah Hamilton<sup>1</sup>, Katharine Orr<sup>1</sup>, Peter Cantin<sup>2</sup>, <sup>1</sup>Imaging Peninsula Radiology Academy, <sup>2</sup>Imaging Plymouth Hospitals NHS Trust
55. **The role of ultrasound in the assessment of chest pathology - A pictorial review**, Catherine Payton, Ultrasound, Maidstone and Tunbridge Wells NHS Trust
56. **When the penny drops - threshold concepts in postgraduate sonographer training and development**, Heather Venables, Diagnostic Imaging, University of Derby
57. **Where's the baby?**, Heather Venables, Diagnostic Imaging, University of Derby
58. **Peer assisted learning for point of care ultrasound in nursing education**, Hong Chuen Toh, Nor Azhar, Sa'at, Sok Keng Tan, Michael Ebuna, Sanjay Patel, Acute and Emergency Care Centre Khoo Teck Puat Hospital, Singapore
59. **Diaphragmatic ultrasound: Technique and cases**, Sarah Hamilton<sup>1</sup>, Sowkhya Ramachandraiah<sup>1</sup>, Richard Riordan<sup>2</sup>, Catherine Gutteridge<sup>2</sup>, <sup>1</sup>Imaging Peninsula Radiology Academy, <sup>2</sup>Imaging Plymouth Hospitals NHS Trust
60. **Transvaginal ultrasound: The musculoskeletal risks for practitioners**, Lianne Dadson, Ultrasound Maidstone and Tunbridge Wells NHS Trust
61. **Penile Sonography: Benefits of clinical input with difficult cases**, Karen Lau, Stephen Wolstenhulme, Roger Lapham, Oliver Hulson, Leeds Teaching Hospital