

DAY TWO

WEDNESDAY
10th DECEMBER 2025

AT A GLANCE

START TIMES	PLENARY 1	PLENARY 2	PLENARY 3	SATELLITE SESSION	PRACTICAL SESSIONS	SONOUK
	HALL D	QUEEN'S SUITE 1	QUEEN'S SUITE 5	QUEEN'S SUITE 3	KING'S SUITE	CROWN PLAZA THE HARWOOD ROOM
9:00	Obstetrics 1	Professional Issues 2	Young Investigators	Breast	Quality Assurance	SonoUK
10.30	REFRESHMENT BREAK					
11:05	Obstetrics 2	The Debate	AxREM Session	Ultra-Sound Ideas The Ultrasound Innovation Pitch – to be held in Queens Suite 4	Endometriosis	SonoUK
12:35	LUNCH					
	12.50 BMUS ANNUAL GENERAL MEETING QUEENS SUITE 5					
	EDUCATION ON THE STAND 13.05 CANON – EXHIBITION HALL – STAND 2 Imposter Phenomenon: An introduction Professor Gill Harrison, Professional Officer for Ultrasound at the Society of Radiographers					
13:35	Obstetrics 3	Past President's Session	Paediatrics 1	ThUNDDAR 1	MSK	SonoUK
15:05	REFRESHMENT BREAK					
	EDUCATION ON THE STAND 15.15 PHILIPS – EXHIBITION HALL - STAND 10 The 7-Sweeps approach to Neck Ultrasound Imaging – Technique and Anatomy Dr Andrew McQueen, Newcastle upon Tyne Hospitals NHS Trust					
15:40	Obstetrics 4	Professional Issues 3	Paediatrics 2	ThUNDDAR 2	MSK	SonoUK
17:10	END OF DAY TWO					
19:00	 <p><i>Winter Ball & Awards</i> The Harrogate Majestic Hotel</p>					

PLENARY 1 – HALL D

9.00 – 10.30 GUIDING EXCELLENCE IN CARDIAC SCREENING

CHAIRS: Mrs Ellen Dyer, Cambridge University Hospitals
Mr Robin Hughes, York Teaching Hospital NHS Foundation Trust

Assessing the fetal heart is perhaps one of the most challenging aspects of the 20-week scan. During this session, we will navigate ways to build confidence in fetal heart assessment and discuss the limitations of screening.

- 9.00 REVISITING THE FIVE STANDARD VIEWS - NORMAL AND ABNORMAL APPEARANCE OF THE FETAL HEART
Mrs Laura Cullen, University Hospitals Coventry and Warwickshire
- 9.20 EXTENDED VIEWS: SHORT AXIS AND SAGITTAL VIEWS OF THE HEART – WHAT ELSE COULD WE DETECT?
Mrs Jan Forster, Leeds General Infirmary
- 9.40 OUTCOME AND MANAGEMENT OF COMMON CARDIAC ABNORMALITY
Dr Shuba Barwick, Leeds Teaching Hospitals NHS Trust
- 10.00 EXPERIENCES OF SECOND VICTIM OBSTETRIC SONOGRAPHERS FOLLOWING DIAGNOSTIC ERROR: AN INTERVENTION MODEL FOR SUPPORT
Elaine Gardiner, Glasgow Caledonian University
- 10.10 SHOULD WE IMAGE THE FETAL HEART? A MEDICO-LEGAL PERSPECTIVE
Dr Trish Chudleigh, Retired

11.05 – 12.35 GUIDING EXCELLENCE IN PRETERM BIRTH PREVENTION

CHAIRS: Mr Robin Hughes, York Teaching Hospital NHS Foundation Trust
Dr Trish Chudleigh, Retired

Preterm birth is a leading cause of mortality and morbidity in maternity. How can ultrasound practitioners work with the multi-disciplinary team to provide the best possible care for patients?

- 11.05 PITFALLS OF CERVICAL LENGTH ASSESSMENT
Mrs Ellen Dyer, Cambridge University Hospitals
- 11.25 VAGINAL MICROBIOME: SHOULD ALL WOMEN HAVE A SWAB PRIOR TO CERVICAL LENGTH ASSESSMENT
Dr Ryan Love, Imperial College London
- 11.55 PRE-EMPT STUDY: IS THERE A ROLE FOR UNIVERSAL CERVICAL LENGTH SCREENING
Dr Caroline Fox, Birmingham Women's and Children's NHS Foundation Trust
- 12.05 THE FUTURE OF PRETERM BIRTH PREDICTION
Mr Nigel Simpson, University of Leeds

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PLENARY 1 – HALL D

13.35 – 15.05		GUIDING EXCELLENCE IN FIRST-TRIMESTER CARE
		CHAIRS: Mr Robin Hughes, York Teaching Hospital NHS Foundation Trust Dr Norman Shreeve, Addenbrookes Hospital
		Ultrasound image resolution continues to improve, and research extends our knowledge of what is possible during the first trimester. During this session, we look at the future of the first trimester scan with our expert panel.
13.35		FIRST TRIMESTER ANOMALY SCREENING: WILL IT HAPPEN? Prof. Basky Thilaganathan, St George’s University Hospitals NHS Foundation Trust
14.05		STARSHIP STUDY: FIRST TRIMESTER PET SCREENING Dr Lucy Higgins, University of Manchester
14.25		PREDICTING FIRST TRIMESTER PREGNANCY OUTCOMES VIA AI-ENHANCED DOPPLER FLOW MODELLING Saraaz Khalil, Radguide LTD
14.35		UPDATE FROM FASP: WHAT DOES THE FUTURE HOLD? Ms Rebecca Till, NHS England
14.55		QUESTION AND ANSWER SESSION
15.40 – 17.10		GUIDING EXCELLENCE IN FETAL MEDICINE
		CHAIRS: Mrs Ellen Dyer, Cambridge University Hospitals Prof. Basky Thilaganathan, St George’s University Hospitals NHS Foundation Trust
		Collaboration between ultrasound and the fetal medicine department is key to providing the best possible care to patients. During this session, we discuss some of the most important issues in fetal medicine.
15.40		FETAL MEDICINE REFERRALS: WHAT SHOULD BE INCLUDED? Mr Robin Hughes, York Teaching Hospital NHS Foundation Trust
15.50		MATERNAL STRESS: THE POTENTIAL EFFECT ON MOTHER AND BABY Dr Norman Shreeve, Addenbrookes Hospital
16.10		COUNSELLING: HOW TO COMMUNICATE UNCERTAINTY TO PATIENTS Dr Hannah McInnes-Dean, Antenatal Results and Choices (ARC)
16.30		REVISITING CVS, AMNIOCENTESIS AND NIPT: HOW CAN WE AVOID FALSE POSITIVE DIAGNOSES? Prof. Christoph Lees, Imperial College
16.50		ROLE AND LIMITATIONS OF MRI IN ANTENATAL DIAGNOSIS AND MANAGEMENT Dr Elspeth Whitby, Sheffield Teaching Hospitals NHS Foundation Trust

PLENARY 2 – QUEEN’S SUITE SEMINAR ROOM 1

9.00 – 10.30		SUPPORTING OTHERS TO SUPPORT THE ULTRASOUND WORKFORCE
		CHAIRS: Mr Gerry Johnson, Tameside and Glossop Integrated Trust Ms Shaunna Smith, Hull University Teaching Hospitals NHS Trust
		Healthcare is changing. A stretched workforce and increasing demand are opening avenues to welcome more overseas recruits and placing the onus back on the public to take care of their health.
		By supporting others, we can improve the future of healthcare. This stream will discuss how we can create more welcoming environments for our international recruits, and how social prescribing can improve the lives of the patients we care for.
9.00		AN UPDATE ON INTERNATIONAL RECRUITMENT FOR ULTRASOUND DEPARTMENTS Mrs Catherine Kirkpatrick, Lincolnshire Teaching Hospitals
9.30		OCCUPATIONAL STRESS AND MENTAL WELLBEING: A QUALITATIVE EXPLORATION OF THE PERSPECTIVES AND EXPERIENCES OF MIGRANT SONOGRAPHERS PRACTISING IN THE UNITED KINGDOM Chidi Ollawa, Cumberland Infirmary
9.40		STAY AND THRIVE: SUPPORTING OUR INTERNATIONALLY TRAINED COLLEAGUES Mr Christy Francis, City Health Care Partnership
10.00		SONOGRAPHERS’ PERSPECTIVES TOWARDS THE INCREASE IN MEDICO-LEGAL LITIGATION – AN EXPLORATORY QUALITATIVE STUDY Megan Watkin-Bennett, Birmingham City University
10.10		WHAT IS SOCIAL PRESCRIBING Ms Stephanie Edwards, University of Cumbria
10.20		SOCIAL PRESCRIBING IN IMAGING Ms Thailay Rosedale, Tameside & Glossop Integrated Care NHS Foundation Trust
11.05 – 12.35		DEBATE
		CHAIRS: Dr Simon Freeman, Portsmouth Hospitals University NHS Trust
		DO SONOGRAPHERS AND ULTRASOUND AS A PROFESSION SUFFER FROM A LACK OF PROFESSIONAL IDENTITY? Professional identify has often been quoted in the literature as being critical to the safe an effective provision of care in clinical practice in all health professions. Are Sonographers suffering from a crisis of identity? Who and What is a ‘Sonographer’? Anyone who picks up a probe? PoCUS practitioners, MSK physiotherapists or only ‘career sonographers’? Does it matter - are there safety implications? Not to mention the future generation of Radiologists and where they fit into it all! Are all professions territorial by nature and does this help or hinder service provision and governance?
		PANEL: Mrs Catherine Kirkpatrick, United Lincolnshire Hospitals NHS Trust Dr Pamela Parker, Hull University Teaching Hospitals NHS Trust Dr Michelle Fenech, Central Queensland University Mrs Paula Kinnane, Australasian Sonographers Association

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PLENARY 2 – QUEEN’S SUITE SEMINAR ROOM 1

13.35 – 15.05	PAST PRESIDENTS’ SESSION: WHAT I WOULD HAVE DONE DIFFERENTLY
	CHAIRS: Prof. Adrian Lim, Imperial College Healthcare NHS Trust
	Several past presidents will be in conversation about memorable clinical cases, the triumphs of ultrasound over other modalities, as well as errors, complaints or professional issues they have encountered throughout their illustrious careers.
	The discussion will be centred on how these cases and scenarios were handled and what they might have done differently in hindsight. Overall, the aim is for the audience to learn from these challenging experiences.
13.35	BMUS PAST PRESIDENT 2012 – 2014 Prof. Paul Sidhu, King’s College Hospital
14.00	BMUS PAST PRESIDENT 2017-2018 Dr Simon Freeman, Portsmouth Hospitals University NHS Trust
14.25	BMUS PAST PRESIDENT 2021 – 2022 Dr Pamela Parker, Hull University Teaching Hospitals NHS Trust
14.50	QUESTION AND ANSWER SESSION WITH PAST PRESIDENTS
15.40 – 17.10	WORKING SMARTER NOT HARDER
	CHAIRS: Dr Ruth Reeve, Portsmouth Hospitals University NHS Trust Ms Morag Stout, NHS Scotland
	In an ever-stretched NHS, we need to continually find solutions to improve services, with no additional financial support.
	In this stream, we welcome proffered papers outlining how departments have streamlined or redesigned services to work more efficiently without additional funding. We talk about the importance of peer review audit and how that can support departmental learning.
15.40	IMPLEMENTING PEER REVIEW AUDIT IN CLINICAL PRACTICE - KEY CONSIDERATIONS Miss Shaunna Smith, Hull University Teaching Hospitals NHS Trust
16.10	EMPOWERING SONOGRAPHERS WITH GENAI: A NOVEL EDUCATIONAL APPROACH TO THE ENHANCEMENT OF REPORTING SKILLS Angie White, Brunel University and North Central London Imaging Academy
16.20	USING AUDIT TO LEAD SERVICE RE-DESIGN Miss Cat Lee, Royal Devon University Healthcare NSH Foundation Trust
16.40	ULTRASOUND DM01 RECOVERY Karen Hill, Royal Wolverhampton NHS Trust
16.50	INTERACTIVE CASE REVIEW OF MANAGING DISCREPANCIES Panel Session

PLENARY 3 – QUEEN’S SUITE SEMINAR ROOM 5

9.00 – 10.30	YOUNG INVESTIGATORS
	CHAIRS: Prof. Adrian Lim, Imperial College Healthcare NHS Trust Dr Piero Miloro, National Physical Laboratory
	During this session, 6 short-listed oral papers from submitters under the age of 39 will battle it out to win the title of BMUS Young Investigator 2025 and the prize of representing the UK at the EUROSON 2026 Congress in Lublin, Poland.
9.00	PILOT ULTRASOUND TEACHING COURSE FOR FOUNDATION DOCTORS: IS ULTRASOUND TEACHING USEFUL AND FEASIBLE FOR NEWLY QUALIFIED CLINICIANS? Afrose Dor, Manchester University NHS Foundation Trust
9.15	ACOUSTIC CHARACTERISATION OF LYMPH NODES FROM PRECLINICAL WILD-TYPE ANIMAL MODELS Pratibha, University of Edinburgh
9.30	FROM BLACK BOX TO CLARITY: A REAL-TIME EXPLAINABLE AI DASHBOARD FOR OBSTETRIC ULTRASOUND INTERPRETABILITY Saraaz Khalil, Radguide LTD
9.45	ADVANCING VARICOSE VEIN TREATMENT: THE ROLE OF A SONOGRAPHER-LED SONOVEIN SERVICE Jenna Derry, The Whiteley Clinic
10.00	ULTRASOUND PERFORMANCE IN SOFT TISSUE LESION ASSESSMENT AND ADHERENCE TO UPDATED BMUS GUIDELINES: A CLOSED-LOOP QUALITY IMPROVEMENT PROJECT Neil Limaye, The Hillingdon Hospitals NHS Foundation Trust
10.15	THE IMPACT OF HEPATIC FIBROSIS ON THE ACCURACY OF ULTRASOUND-BASED HEPATIC FAT QUANTIFICATION METHODS: CORRELATION WITH LIVER HISTOLOGY IN A PROSPECTIVE STUDY Nuran Seneviratne, King’s College Hospital London
11.05 – 12.35	AXREM: COLLABORATION FOR EXCELLENCE: INDUSTRY, EDUCATION AND THE IMAGING WORKFORCE
	CHAIRS: Ehren Pawley, Sectra Ltd / AXREM Future Leader Representative
	This session will spotlight the challenges, opportunities and strategic initiatives to attract, train and retain the next generation of ultrasound healthcare practitioners, innovators and leaders
11:05	OPENING REMARKS Ehren Pawley, Sectra Ltd / AXREM Future Leader Representative
11:10	PANEL INTRODUCTIONS Ehren Pawley, Sectra Ltd / AXREM Future Leader Representative
11:15	FACILITATED PANEL DISCUSSION This session will be structured to have 5 minutes presentation by lead followed by 5 minutes panel discussion per point apart from final point which is a 10 minute discussion.

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PLENARY 3 – QUEEN’S SUITE SEMINAR ROOM 5

11:15	EXPLORE THE CURRENT STATE OF ULTRASOUND IN HEALTHCARE – CHALLENGES FACED & POTENTIAL SOLUTIONS Emily Allen, Isle of Wight NHS Trust
11:25	SHOWCASE INDUSTRY – HIGHLIGHT CHANGES/INNOVATIONS, DRIVE ADOPTION & PASSION Nicola Fishwick, GE Healthcare / AXREM Ultrasound SFG Convenor Representative
11:35	HIGHLIGHT BEST PRACTICES AND OPPORTUNITIES TO NURTURE THE NEXT GENERATION / FUTURE LEADERS Sally Edgington, AxREM
11:45	ROLE OF INDUSTRY IN THE ULTRASOUND, GUIDING EXCELLENCE AND NURTURING THE NEXT GENERATION Aslam Daya, Philips UKI / AXREM Ultrasound SFG Representative
11:55	REINFORCE THE IMPORTANCE OF COLLABORATIVE EFFORTS BETWEEN INDUSTRY, ACADEMIA, AND HEALTHCARE SYSTEMS Arwa Hussain, TBC
12:05	HOW TO MAKE ULTRASOUND AN ATTRACTIVE OFFERING AND HOW TO ENCOURAGE PEOPLE INTO ULTRASOUND. Panel discussion and potential call to action
12:15	AUDIENCE Q&A
12:30	CLOSING SUMMARY & CALL TO ACTION Ehren Pawley, Sectra Ltd / AXREM Future Leader Representative

13.35 – 15.05 PAEDIATRIC ABDOMINAL IMAGING

	CHAIRS: Dr Jeannette Kraft, Leeds Children’s Hospital Dr Tobi Aderotimi, Norwich and Norfolk University Hospital In-depth exploration of ultrasound imaging in various paediatric abdominal presentations, including abdominal emergencies, abdominal tumours, and liver disease.
13.35	ULTRASOUND OF THE ACUTE ABDOMEN IN CHILDREN Dr Jeannette Kraft, Leeds Children’s Hospital
14.00	IS A SERIES OF FIVE CONSECUTIVE DAYS OF ULTRASOUND EXAMINATIONS NECESSARY FOR OPTIMAL MONITORING AND EVALUATION OF ALL PAEDIATRIC PATIENTS FOLLOWING A LIVER TRANSPLANT? Clare Evans, Birmingham Women’s and Children’s Hospital
14.10	ULTRASOUND OF PAEDIATRIC ABDOMINAL TUMOURS Dr Sophie Swinson, Leeds Children’s Hospital
14.35	MIDGUT VOLVULUS INCIDENTALLY DIAGNOSED DURING AN OUTPATIENT ULTRASOUND Emmanuel Babington, University Hospitals of Leicester NHS Trust
14.40	THE ROLE OF ULTRASOUND IN THE MANAGEMENT OF PAEDIATRIC LIVER DISEASE Mrs Terry Humphrey, Leeds Children’s Hospital

15.40 – 17.10 PAEDIATRIC SMALL PART IMAGING

	CHAIRS: Dr Jeannette Kraft, Leeds Children’s Hospital Dr Tobi Aderotimi, Norwich and Norfolk University Hospital Expert insights and case-based discussion on ultrasound of the paediatric neck, testes, and lumps and bumps.
15.40	TESTICULAR ULTRASOUND IN CHILDREN Dr Jeremy Jones, Edinburgh Children’s Hospital
16.05	SUPERIOR MESENTERIC ARTERY SYNDROME, A DISEASE THAT CAN NO LONGER BE IGNORED Alexander Ling Ung Paw, LING UNG PAW’S Peadiatric Clinics
16.15	ULTRASOUND OF THE NECK IN CHILDREN Dr Tobi Aderotimi, Norwich and Norfolk University Hospital
16.40	RARE PAEDIATRIC PRESENTATION OF DIFFUSE ADVANCED TAKAYASU ARTERITIS; INTERVAL ULTRASOUND SURVEILLANCE OF ACTIVE ARTERITIS PROGRESSION; A SONOGRAPHER’S EXPERIENCE Mary-Ellen Williams, Alder Hey Children’s NHS Foundation Trust
16.45	ULTRASOUND OF LUMPS AND BUMPS IN CHILDREN Dr Samantha Low, Norwich and Norfolk University Hospital

PLENARY 4 – QUEEN’S SUITE SEMINAR ROOM 3

9.00-10.30 BREAST

	CHAIRS: Mrs Lucie Magilton Griffin, NHS University Hospitals of Liverpool Group Mr Colin Griffin, NHS University Hospitals of Liverpool Group Breast ultrasound is a very specialised and exciting area within the vast world of ultrasound. This year’s session will explore topics seen in both dedicated breast units and general ultrasound departments, including pregnancy-related changes and soft tissue lumps seen in everyday practice. There will also be more specialist and interesting advanced topics covered this year. The session will be delivered by clinical experts and is aimed at anyone currently practising breast ultrasound at any level, or for those who have an interest.
9.00	INTRODUCTION TO SESSION AND ‘DENSE BREASTS AND PREGNANCY-RELATED CHANGES’ Mrs Lucie Magilton Griffin, NHS University Hospitals of Liverpool Group
9.25	CONTRAST ENHANCED ULTRASOUND IN SENTINEL LYMPH NODE BIOPSIES Dr Keshthra Satchithananda, King’s College Hospital NHS Foundation Trust
9.50	SOFT TISSUE AND CHEST WALL LUMPS AND BUMPS Mrs Catherine Kirkpatrick, United Lincolnshire Hospitals NHS Trust
10.15	BREAST ULTRASOUND QUESTION AND ANSWER SESSION

PLENARY 4 – QUEEN’S SUITE SEMINAR ROOM 3

11.05 – 12.35	ULTRA – SOUND IDEAS: THE ULTRASOUND INNOVATION PITCH
	CHAIRS: Dr Ruth Reeve, Portsmouth Hospitals University NHS Trust
	THIS SESSION TO BE HELD IN QUEEN'S SUITE 4
	BMUS is delighted to launch Ultra-Sound Ideas: The Ultrasound Innovation Pitch, a new initiative giving members the chance to pitch for research funding. During this session, shortlisted applicants will present their proposals live, with the opportunity to secure grants of up to £5,000.
	This dynamic session will showcase innovative projects that advance ultrasound practice and support the BMUS grant objectives. Join us to see fresh ideas shaping the future of ultrasound research.
	PANEL: Dr Peter Cantin, University Hospitals Plymouth NHS Trust Dr Sian Curtis, University Hospitals Bristol and Weston NHS Foundation Trust Mr Colin Griffin, NHS University Hospitals of Liverpool Group Mrs Donna Holdcroft, British Medical Ultrasound Society, West Midlands Imaging Academy, University Hospital North Midlands
11.05	IMPACT OF A BLENDED APPENDIX ULTRASOUND TRAINING MODULE ON VISUALISATION RATES: A QUALITY IMPROVEMENT PROJECT Dr Anmol Gangi-Burton, Nottingham University Hospitals NHS Trust
11.20	ARE ADVANCED/CONSULTANT PRACTICE RADIOGRAPHERS IN THE UNITED KINGDOM IMPACTED BY SECOND VICTIM SYNDROME FROM IATROGENIC COMPLICATIONS? A SYSTEMATIC REVIEW Miss Cat Lee, Royal Devon University Healthcare NSH Foundation Trust
11.35	THRIVING OR SURVIVING: INVESTIGATING LEVELS OF PSYCHOLOGICAL SAFETY AND WELL-BEING IN THE SONOGRAPHY WORKFORCE Dr Catriona Hynes, Sheffield Hallam University
11.50	HOW LONG DOES IT TAKE TO TRAIN IN OBSTETRICS AND GYNAECOLOGY ULTRASOUND? - A QUANTITATIVE MULTI-CENTRE ANALYSIS OF ULTRASOUND TRAINEES' DIGITAL LOGBOOK DATA Dr Emma Chung, King's College London
12.05	EXPLORING CULTURAL AND ERGONOMIC DIMENSIONS OF SONOGRAPHIC PRACTICE: AN ETHNOGRAPHIC STUDY OF WORK-RELATED MUSCULOSKELETAL DISORDERS (WRMSDS) Dr Gareth Bolton, University of Cumbria
12.20	USING ULTRASOUND TO TREAT MENTAL HEALTH DISORDERS: A PILOT STUDY OF TRANSCRANIAL ULTRASOUND STIMULATION OF THE NUCLEUS ACCUMBENS IN HEALTHY ADULTS Mr Nima Norba Sherpa, Centre for Therapeutic Ultrasound (CENTUS)

13.35 – 15.05	THERAPY IN ULTRASOUND NETWORK FOR DRUG DELIVERY AND ABLATION RESEARCH 1
	CHAIRS: James McLaughlan, Leeds University Reza Haqshenas, University College London
13.35	INTRODUCTION Gail ter Haar, Institute of Cancer Research
13.40	CAN MECHANOSENSITIVE OSTEOBLAST RESPONSES GUIDE OPTIMISATION OF LOW INTENSITY PULSED ULTRASOUND TREATMENTS FOR BONE HEALING? Helen Mulvana, University of Glasgow
14.00	TRANSCRIPTOMIC PROFILING OF THE IMMUNE RESPONSE IN ORTHOTOPIC PANCREATIC TUMOURS EXPOSED TO BOILING HISTOTRIPSY AND ONCOLYTIC REOVIRUS Petros Mouratidis, The Institute of Cancer Research, London
14.20	ULTRASOUND MEDITATED NANODRUG DELIVERY FOR PANCREATIC CANCER Benson Chen, University College, London
14.40	A SIMULATION FRAMEWORK FOR OPTIMISING FABRY- PÉROT FIBRE OPTIC HYDROPHONES Wangqi Zheng, University College, London
15.05	BREAK
15.35 – 17.10	THERAPY IN ULTRASOUND NETWORK FOR DRUG DELIVERY AND ABLATION RESEARCH 2
	CHAIRS: Pierre Gélât, University College, London Petros Mouratidis, The Institute of Cancer Research, London
15.40	ENHANCING EGFR-AFFIBODY RADIOTRACER DELIVERY IN GLIOBLASTOMA THROUGH FOCUSED ULTRASOUND-INDUCED BLOOD BRAIN BARRIER DISRUPTION Emma Harris, The Institute of Cancer Research, London
16.00	NONLINEAR ULTRASOUND IMAGING OF IMMUNE CELLS USING NANODROPLETS Max Au-Yeung, University College, London
16.20	DEVELOPMENT OF A CLINICALLY-RELEVANT STENOSIS FLOW PHANTOM Yi Zheng, University of Edinburgh
16.40	A 'PRACTICAL' PATH FOR TRANSLATING THERAPEUTIC MICROBUBBLES: MANUFACTURE, DETECTION, AND PRE-CLINICAL EVALUATION James McLaughlan, Leeds University
17.00	CLOSE

PRACTICAL WORKSHOP – KING’S SUITE

9.00-10.30	QUALITY ASSURANCE
	LED BY: Mr William Adlard, United Lincolnshire Teaching Hospitals NHS Trust
	Ms Tanish Arther, United Lincolnshire Teaching Hospitals NHS Trust
	Dr Nick Dudley, United Lincolnshire Teaching Hospitals NHS Trust
	Mr Ollie Seymour, United Lincolnshire Teaching Hospitals NHS Trust
	Mr Matt Smith, United Lincolnshire Teaching Hospitals NHS Trust
	Dr Prashant Verma, Sheffield University Teaching Hospitals NHS Trust
11.05 – 12.35	ENDOMETRIOSIS
	LED BY: Mrs Alison Smith, Guys and St Thomas’ NHS Foundation Trust
	Mrs Roxanne Sicklen, Barnet Hospital
	Dr Sue Freeman, Cambridge University Hospitals NHS Foundation Trust
	Ms Rebecca Slough, Cambridge University Hospitals NHS Foundation Trust
13.35 – 15.05	MSK SHOULDER MASTER CLASS
	LED BY: Mr Mark Charnock, Northern General Hospital
	Dr Shubhasis Basu, Wrightington, Wigan and Leigh Teaching Hospitals NHS Foundation Trust
	Dr Matthew Bowa, North Tees and Hartlepool NHS Trust/University Hospitals Tees
	Mr Richard Brindley, Cannock Chase Hospital
	Mr Mike Bryant, East Lancashire Hospitals NHS Trust
	Dr Kevin Cronin, University College Dublin
	Mrs Clare Drury, Hull University Teaching Hospitals Trust
	Dr Michelle Fenech, Central Queensland University
	Mr John Leddy, Frimley Health NHS Trust
15.40 – 17.10	MSK FOOT AND ANKLE MASTER CLASS
	LED BY: Mr Mark Charnock, Northern General Hospital
	Dr Shubhasis Basu, Wrightington, Wigan and Leigh Teaching Hospitals NHS Foundation Trust
	Dr Matthew Bowa, North Tees and Hartlepool NHS Trust/University Hospitals
	Mr Richard Brindley, Cannock Chase Hospital
	Mr Mike Bryant, East Lancashire Hospitals NHS Trust
	Dr Kevin Cronin, University College Dublin
	Mrs Clare Drury, Hull University Teaching Hospital Trust
	Dr Michelle Fenech, Central Queensland University
	Mr John Leddy, Frimley Health NHS Trust

SATELLITE SESSION – CROWN PLAZA
– HARWOORD SUITE

8.30 – 17.00	SONOUK
	CHAIRS: Prof. Bob Jarman, Teesside University
8.50	INTRODUCTION
9.00	FOCUSED PoCUS FOR GALLSTONES, BILIARY COLIC AND ACUTE CHOLECYSTITIS Mr Simon Richards, Teesside University Many patients present with upper abdominal pain. This presentation will focus on giving you the knowledge, skills and evidence to look for acute gallbladder and biliary problems.
9.15	FOCUSED PoCUS FOR OBSTRUCTIVE UROPATHY Dr Chris Hodgkinson, Homerton Healthcare NHS Foundation Trust Many patients present with loin to groin pain. This presentation will focus on giving you the knowledge, skills and evidence to look for acute urology problems, such as renal stones and urinary retention.
9.30	FOCUSED PoCUS FOR SUSPECTED APPENDICITIS Dr Karl Chopra, Imperial College Healthcare Trust Lower abdominal pain is common in adults and children. This presentation will focus on giving you the knowledge, skills and evidence to find the appendix and signs of appendicitis.
9.45	FOCUSED PoCUS FOR SHORT OF BREATH PATIENTS Dr Lewis Gray, Royal Victoria Infirmary Newcastle Upon Tyne Many patients present with dyspnoea. This presentation will focus on giving you the knowledge, skills and evidence to look for important causes of shortness of breath you don't want to miss.
10.00	FOCUSED PoCUS FOR CHEST PAIN Dr Chris Yap, Northern General Hospital Many patients present with chest pain. This presentation will focus on giving you the knowledge, skills and evidence to look for important causes of chest pain you don't want to miss.
10.15	FOCUSED PoCUS FOR SWOLLEN LEGS Dr Farhan Ahmed, Manchester Royal Infirmary Does your patient present with a swollen limb? This presentation will focus on giving you the knowledge, skills and evidence to look for important acute causes, such as DVT and cellulitis.
10.30	REFRESHMENT BREAK
11.00	MY PATIENT’S HYPOTENSIVE, WHAT’S THE CAUSE? STRATEGIES TO ASSESS THE SHOCKED PATIENT Dr Ashley Matthies, Homerton Healthcare NHS Foundation Trust Many patients present with low BP. How can you quickly identify the four key causes of shock? The various approaches and protocols will be discussed.
11.15	MY PATIENT’S HYPOTENSIVE, SHOULD I GIVE THEM MORE FLUID? STRATEGIES TO ASSESS FLUID STATUS Dr Marcus Peck, Hampshire Hospitals NHS Trust Many patients present with low BP. How can you decide who will benefit from fluid boluses and who will not? The various approaches, from simple to more advanced, will be discussed.
11.30	SIMPLE SYSTEMS TO HELP YOU EVALUATE YOUR ECHO IMAGES QUICKLY Dr Anna Colclough, University Hospital Lewisham You may be able to obtain suitable echo images, but are you able to quickly evaluate these and identify key problems and pathology? Using simple structured approaches such as DEFG, EEEEE, FFFF, and SHOC-ED will be discussed with the use of some examples.

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SATELLITE SESSION – CROWN PLAZA
– HARWOORD SUITE

11.45	<p>FOCUSED TRANSOESOPHAGEAL PoCUS Dr Max Ridley, St James University Hospital Leeds</p> <p>The simplified approach of focused TOE has arrived. Can I learn to apply fTOE to my practice? Is it worth it?</p>
12.00	<p>MY PATIENT’S IN PAIN - EASY AND EFFECTIVE NERVE BLOCKS Dr Jonathan Womack, Newcastle Upon Tyne Hospitals</p> <p>Many patients present with pain following acute injury. Using regional plane and nerve blocks is now established. We will describe some of the simple and effective blocks that you can easily apply to your practice.</p>
12.15	<p>USING PoCUS TO AID MY LUMBAR PUNCTURE, EPIDURAL AND SPINAL ANAESTHETIC Dr Manoj Wickramasinghe, Bradford Royal Infirmary</p> <p>Undertaking procedures involving the insertion of a needle into the back, such as for lumbar punctures, epidurals and spinal anaesthetics. We describe how ultrasound can be used simply to improve your success rates.</p>
12.30	<p>LUNCH</p>
13.30	<p>PRACTICAL STATIONS:</p> <hr/> <p>Stations will rotate every 30 minutes. Delegates will be able to choose to attend up to 6 stations.</p> <p>There will be a break at 15.00 for 30 minutes.</p> <p>PoCUS CHALLENGE 1 - WHO CAN GET THE IMAGES IN THE QUICKEST TIME? PRIZES FOR THE BEST! Mrs Carole Emery, University Hospital of North Tees & Dr Anna Colclough, University Hospital Lewisham</p> <p>This station will test delegates’ scanning skills in how quickly they can generate a number of images on a model which are deemed good enough. Prizes for the top three best performances!</p> <p>PoCUS CHALLENGE 2 - CAN YOU IDENTIFY ALL THE ABNORMAL FINDINGS? PRIZES FOR THE BEST! Dr Jen Cochrane, Monklands University Hospital</p> <p>This station will test delegates’ interpretation skills in how many abnormalities they can spot for a range of clips and images. You only get to look at each clip/image for a short amount of time, so the pressure is on. Prizes for the top three best performances!</p> <p>PoCUS CHALLENGE 3 - CAN YOU HIT THE RIGHT SPOT USING A NEEDLE AND A PHANTOM? PRIZES FOR THE BEST Dr Kate Sokolowska-Redfern, University Hospital Wishaw - Scotland</p> <p>This station will test delegates’ ultrasound-guided procedural skills in how quickly they can guide a needle using a phantom. Prizes for the top three best performances!</p> <p>GALLBLADDER AND BILIARY STATION Mr Simon Richards, Teesside University</p> <p>This station will focus on the identification of the gallbladder, including fundus, body and neck, and how to find the common bile duct. Different approaches, planes, and positioning will be described.</p>

<p>KIDNEYS AND BLADDER STATION Dr Chris Hodgkinson, Homerton Healthcare NHS Foundation Trust</p> <p>This station will focus on the identification of the kidney, ureter (where visualised), and bladder. Key sono-anatomy, dimensions, pathology, and clinical relevance will be described.</p> <p>APPENDIX STATION Dr Karl Chopra, Imperial College Healthcare Trust</p> <p>This station will focus on the identification of the appendix. Different approaches, planes, and anatomical variations will be described.</p> <p>PoCUS FOR SHORT OF BREATH STATION Dr Lewis Gray, Royal Victoria Infirmary Newcastle Upon Tyne</p> <p>This station will focus on the identification of important causes of dyspnoea that you do not want to miss. Key windows, findings and a structured approach will be described.</p> <p>PoCUS FOR CHEST PAIN STATION Dr Chris Yap, Northern General Hospital</p> <p>This station will focus on the identification of important causes of chest pain that you do not want to miss. Key windows, findings and a structured approach will be described.</p> <p>PoCUS FOR DVT STATION Dr Farhan Ahmed, Manchester Royal Infirmary</p> <p>This station will focus on the identification of a lower-limb deep-vein thrombosis. Focused scanning approaches, as well as the feasibility of identifying below-knee veins, will be described. How to apply focused and full scans to your practice will be covered.</p> <p>PoCUS FOR THE SHOCKED PATIENT STATION Dr Ashley Matthies, Homerton Healthcare NHS Foundation Trust</p> <p>This station will focus on using a structured approach to scanning the shocked patient. The pros and cons of each approach will be discussed.</p> <p>PoCUS FOR ASSESSING FLUID STATUS Dr Marcus Peck, Hampshire Hospitals NHS Trust</p> <p>This station will focus on being able to assess a patient’s fluid status, especially ascertaining when fluids are indicated, and reassessing after boluses.</p> <p>FOCUSED TRANSOESOPHAGEAL PoCUS STATION Dr Max Ridley, St James University Hospital Leeds</p> <p>This station will focus on demonstrating the 8 key windows of fTOE using a state-of-the-art simulator. Opportunities for hands-on and simulated pathology cases.</p> <p>PoCUS FOR ESSENTIAL NERVE BLOCKS STATION Dr Jonathan Womack, Newcastle Upon Tyne Hospitals</p> <p>This station will focus on essential blocks for chest injuries, hip and lower limb blocks. The equipment required, drug doses and safety aspects will be discussed.</p> <p>PoCUS FOR SPINAL NEEDLING STATION Dr Manoj Wickramasinghe, Bradford Royal Infirmary</p> <p>This station will focus on ascertaining the bony landmarks and ultrasound-guided techniques to improve your success in performing lumbar punctures, epidural and spinal anaesthetics.</p>	<p>17.00</p> <p>CLOSE</p>
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