DAY 1 TUESDAY 8TH DECEMBER 2026

Session Start Times	Plenary 1	Plenary 2	Plenary 3	Satellite Session	Practical Sessions	SonoUK
	Gold Cup Room	**Insurance Bar**	**Sovereign Bar**	**Istabraq Bar**	**Festival Restaurant**	**Home Straight Bar**
08:50						SonoUK
09.00	President's Welcome					
09.15	Obstetrics 1	MSK 1	Professional Issues	Early Careers 1		
10.30	**Refreshment Break**					
11.05	Obstetrics 2	MSK 2	Ultra-Sound Ideas	Early Careers 2	Endometriosis	SONOUK
12.35	**Lunch** **<u>Education on the Stand</u>** **12.40 Mindray** Multiparametric Liver Ultrasound: What I Need to Know? Prof Adrian K. P. Lim, Imperial College Healthcare NHS Trust **13.05 Samsung MIS** Beyond B-Mode: The New Generation of MSK Ultrasound Dr James Teh, University of Oxford					
13.35	Obstetrics 3	MSK 3	AI	Early Careers 3	Liver	SONOUK
15.05	**Refreshment Break** **<u>Education on the Stand</u>** **15.15 Canon** AI in Fetal Ultrasound Dr Thomas Day, Guys and St Thomas NHS Foundation Trust and Kings College London					
15.40	**DMB Lecture** Sponsored by Canon Medical Systems Ltd					**SO**NOUK
16.40	Welcome Reception - Main Exhibition					
18.00	End of Day 1					

PLENARY 1 – GOLD CUP

PRESIDENTS ADDRESS

09:00 Dr Peter Cantin, BMUS President

IMPROVING PRACTICE: IMAGING THE FETAL BRAIN

09:15 – 10:30 Chairs: Mrs Ellen Dyer, Cambridge University Hospitals NHS Foundation Trust, Mr Robin Hughes, York Teaching Hospital NHS Foundation Trust

Has our ability to assess the fetal brain improved with the advent of high-resolution modern ultrasound machines? In this session, we will look at the evidence and explore the normal and abnormal appearances of the brain in the three trimesters of pregnancy.

09:15 **Revisiting the FASP Standard Views: What Should We Be Checking?,** Mrs Ellen Dyer, Cambridge University Hospitals NHS Foundation Trust

09:25 **Seeing Earlier: Assessing Fetal Brain Anomalies in the First Trimester,** Dr Fred Ushakov, University College London

09:45 **Extended Views At 20 Weeks: What Extra Information Can We Gain?,** Dr Alexandros Moraitis, Rosie Hospital

10:05 **Imaging the Fetal Brain in the Third Trimester: Distinguishing Between Normal and Abnormal,** Dr Fred Ushakov, University College London

HOLISTIC CARE: MONITORING FETAL GROWTH IN MATERNAL MEDICINE

11:05 – 12:35 Chairs: Mrs Ellen Dyer, Cambridge University Hospitals NHS Foundation Trust, Dr Trish Chudleigh, Retired

Nationally, an increasing number of women with complex medical conditions are starting families. How do we utilise the best evidence to look after these women. In this session, we will have an update on the BMUS 3rd trimester guideline, look at three of the most common maternal conditions, and discuss the role of ultrasound in safe pregnancy care.

11:05 **BMUS 3rd Trimester Guideline Update,** Mr Christopher Honor, Bolton NHS Foundation Trust

11:25 **Diabetes in Pregnancy: Understanding the Risks and the Role of Ultrasound,** Mr Robin Hughes, York Teaching Hospital NHS Foundation Trust

11:45 **Hypertension in Pregnancy: Understanding the Risks and the Role of Ultrasound,** Miss Hannah Misfelder Lobos, Cambridge University Hospitals NHS Foundation Trust

12:05 **Maternal Mental Health: Making Every Contact Count,** Dr Kaat De Backer, King's College London

CARING FOR FUTURE PREGNANCIES: COMPLICATIONS FROM PREVIOUS CAESAREAN SECTION

13:35 – 15:05 Chairs: Mrs Ellen Dyer, Cambridge University Hospitals NHS Foundation Trust, Mr Robin Hughes, York Teaching Hospital NHS Foundation Trust

The national caesarean section rate is at an all-time high and shows no sign of abating. In this session, we explore the complications associated with previous caesarean section and how we can use the latest evidence to manage these complications.

13:35 **Early Pregnancy Complications of Previous Caesarean Section,** Miss Alison Smith, Guy's and St Thomas' NHS Foundation Trust

13:55 **Preventing Preterm Birth Following Caesarean,** Prof Anna David, University College London Hospital

14:15 **Placenta Accreta and Uterine Scar Dehiscence,** Miss Sarah Walker, Birmingham Women's NHS Foundation Trust

14:35 **The Tiny Tickers Training Model,** Anne Rhodes, Tiny Tickers Ltd

14:45 **Case-Mix-Adjusted Feedback on Fetal Growth Scan Accuracy: A New Approach to Quality Assurance in Obstetric Ultrasound,** Emily Fraser-Mackenzie, Decision Data

DONALD MACVICAR BROWN LECTURE

16:00 – 17:00 Chairs: Dr Peter Cantin, University Hospitals Plymouth NHS Trust, Dr Ruth Reeve, Portsmouth Hospitals University NHS Trust

Ultrasound, a Reflection

From the pioneering paper of Ian Donald, John MacVicar and Tom Brown published in The Lancet in 1958, Ultrasound has been on an incredible voyage.

This talk reflects my view of that journey: How Ultrasound shaped my practice, some of the many lessons I learned on the way and the ways in which it can and hopefully will continue to influence medical practice.

PLENARY 2 – INSURANCE BAR

MUSCULOSKELETAL ULTRASOUND BEYOND THE SCANNING

09:15 – 10:30 Chairs: Mr Mark Charnock, Sheffield Teaching Hospitals NHS Foundation Trust, Mrs Catharine Berry, University Hospitals of Leicester NHS Trust

Musculoskeletal ultrasound often focuses on the scanning and overlooks other key components. This session enhances the understanding of patient pathways, the importance of producing high-quality, standardised reports and how to engage and contribute to musculoskeletal ultrasound research.

09:15 **NHSE Best Practice Timed Pathway for Sarcoma,** Dr Rob Turner, The Leeds Teaching Hospitals NHS Trust

09:40 **Clarity, Accuracy, Meaning. Improving Diagnostic Impact with Effective Report Writing**, Miss Katie Simm, Tameside and Glossop Integrated Care NHS Foundation Trust

10:00 **Becoming Involved in Health Care Research, it's Not All About the Lab Work,** Mr Mark Maybury, University Hospitals Birmingham NHS Foundation Trust

PRACTICAL APPROACHES IN MUSCULOSKELETAL ULTRASOUND: TOP TIPS, TROUBLESHOOTING, AND TECHNIQUE

11:05 – 12:35 Chairs: Mrs Catharine Berry, University Hospitals of Leicester NHS Trust, Miss Katie Simm, Tameside and Glossop Integrated Care NHS Foundation Trust

Musculoskeletal ultrasound is a challenging skill to master due to the difficulty of scanning and the complexity of anatomy and pathology. This session showcases practical techniques and is a must for those wanting to sharpen their own practice.

11:05 **Ultrasound of the Hip: Pathology, Pitfalls and Practical Tips,** Miss Cathy Williams, The Royal Orthopaedic Hospital NHS Foundation Trust

11:25 **Navigating the Groin: Your Ultrasound Guide to Hernia Evaluation,** Mr Mark Charnock, Sheffield Teaching Hospitals NHS Foundation Trust

11:45 **Decoding the Flexor Tendons,** Dr Ajay Maliyakkal, University Hospitals of Leicester NHS Trust

12:05 **Finding the Stener: Ultrasound Tips, Tricks and Pitfalls in Thumb UCL Assessment,** Mr Robin , Royal Surrey NHS Foundation Trust

ULTRASOUND IN PRACTICE: ADDING VALUE ACROSS MUSCULOSKELETAL DISCIPLINES

13:35 – 15:05 Chairs: Mr Mark Charnock, Sheffield Teaching Hospitals NHS Foundation Trust, Miss Katie Simm, Tameside and Glossop Integrated Care NHS Foundation Trust

Musculoskeletal ultrasound is a cornerstone of modern clinical practice, offering real-time insights that enrich the physical examination and complement other diagnostic imaging. In this session, we will look at how musculoskeletal ultrasound adds value and changes patient management.

13:35 **Rheumatology Erosions: An Overview of the Radiographic Appearances to Support Rheumatology Ultrasound Assessment,** Mrs Catharine Berry, University Hospitals of Leicester NHS Trust

14:00 **A Unique Radiologist-Led Soft Tissue Sarcoma Pathway: A 16-Year Experience**, Dr Priya Suresh, University Hospitals Plymouth NHS Foundation Trust

14:25 **On the Ball, Managing Forefoot Pain,** Dr Andrew Carne, Royal Surrey NHS Foundation Trust and Mr Gareth Chan, Royal Surrey NHS Foundation Trust

PLENARY 3 – SOVEREIGN BAR

REGULATION IN ULTRASOUND

09:15 – 10:30 Chairs: Dr Ruth Reeve, Portsmouth Hospitals University NHS Trust, Miss Shaunna Smith, NHS Humber Health Partnership

During this session, the panel will provide an update on the current position of professional regulation and registration for sonographers, exploring why regulation is important for the profession, workforce, and patient safety. Join us for an expert panel discussion and audience Q&A, where you will have the opportunity to engage with key issues, developments, and future considerations surrounding regulation in ultrasound practice.

09:15 Bridging the gap - Key Priorities for Transforming Ultrasound Services, Mr James Dennis, NHS England

09:30 **Panel – Professional Regulation/Registration Update,** Dr Pamela Parker, NHS Humber Health Partnership, Prof Gill Harrison, Society of Radiographers, Miss Katie Thompson, Society of Radiographers, Dr Peter Cantin, British Medical Ultrasound Society

10:10 **The Sonographer as a Global Citizen: Advocacy, Access, and Action,** Jo McCann, Australasian Society for Ultrasound in Medicine

ULTRA – SOUND IDEAS: THE ULTRASOUND INNOVATION PITCH

10:30 – 12:00 Chairs: Dr Ruth Reeve, Portsmouth Hospitals University NHS Trust

BMUS is delighted to have this session for the 2nd year in a row, *Ultra-Sound Ideas: The Ultrasound Innovation Pitch*. This initiative gives 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.

10.35 **Development and Validation of a Low-Cost, Repairable Doppler Flow Phantom For Ultrasound Quality Assurance,** Marina Bakarić, Guy's and St Thomas' NHS Foundation Trust

10.55 **A Multi-Modal Explainable Deep Learning Framework for Clinical Robust and Generalisable Breast Cancer Diagnosis,** Chikodili Igbokwe, University of East London

11.15 **Ultrasound Quality Huddles: Turning Routine Peer Review into Measurable Improvement,** Waleed Mostafa Marzok, Physiological Measurement Limited

AI - IMPLEMENTATION, TRUST AND WORKFORCE READINESS

13:35 – 14:55 Chair: Mrs Amy Barnes, University Hospitals of Leicester NHS Trust, Dr Ben Stenberg, The Newcastle Upon Tyne Hospitals NHS Foundation Trust

Artificial intelligence is rapidly advancing within medical imaging, but translating innovation into safe, effective clinical practice requires more than technological capability alone. This session will explore the key factors that support successful adoption of AI in ultrasound, including workforce education and professional development, public perceptions and trust in AI-enabled healthcare,

real-world experiences of implementation within the NHS, and the importance of human-centred design to ensure AI tools integrate effectively into clinical workflows. Together, these perspectives will highlight the opportunities and challenges involved in moving AI from evidence and research into meaningful improvements in patient care.

13:35 **Education, Knowledge and Confidence,** Miss Gemma Walsh, City St George's, University of London

13:55 **Human-Centred Interface Design,** Dr Caroline Kilduff, Cascader AI

14:15 **Implementing AI into Practice "Developing a Radiology AI Product from within the NHS, A Clinician's Perspective",** Dr Yannis Skarparis, Newcastle upon Tyne Hospitals NHS Foundation Trust

14:35 **Insights into Public and Community Perceptions,** Mr Ahmed Binesmal, The Health Foundation

14.50 **Question and Answer Session**

PLENARY 4 – ISTABRAQ BAR

FUTURE PRACTICE AND PROFESSIONAL DEVELOPMENT

09:15 – 10:30 Chair: Dr Catriona Hynes, Sheffield Hallam University, Ms Angie White, Brunel University of London

09:20 **What Makes Preceptorship Work? Insights from a Realist Evaluation of the BMUS Framework,** Ms Holly Spencer, Sheffield Hallam University

09:40 **Evaluating the Diagnostic Accuracy of 2D, 3D, and 4D Ultrasound in the Prenatal Detection of Craniofacial Abnormalities: A Systematic Review,** Anna Egan, Barts Heath NHS Trust

09:50 **Exploring the Role of Computer-Based Simulation and Extended Reality in Obstetrics and Gynaecology Ultrasound Training: A Systematic Literature Review,** Andrew Ayine Asoeh, Bournemouth University

10:00 **Supporting Transgender and Non-Binary Patients: Essential Knowledge for Ultrasound Professionals,** Mrs Roxanne Sicklen, Royal Free London NHS Foundation Trust

10:20 **Improving Adoption of the Sliding Sign in Secondary Care Ultrasound Services: A Qualitative Study,** Kalvinder Coxen, Sheffield Hallam University

INCLUSIVE AND PERSON-CENTRED CARE

11:05 – 12:35 Chair: Dr Catriona Hynes, Sheffield Hallam University, Ms Melanie Clarkson, Sheffield Hallam University

11:05 **Beyond the Scan: Improving Diagnostic and Care Experiences for Autistic, ADHD and AuDHD Adults,** Mr Ben Potts, City St Georges University

11:25 **Seeing Beyond the Pseudosac: An Unusual Presentation of an Advanced Tubal Ectopic Pregnancy,** Liam Shaw, Wexford General Hospital

11:30 **Early Diagnosis of Alobar Holoprosencephaly in the first trimester: A Clinical Case Study,** Lucy McGregor, Sheffield Hallam University

11:35 **Transforming Practice, Preserving Connection: Patient-Centred Sonography in the AI Era,** Dr Emily Skelton, City St George's University of London

11:55 **A Case Report of Ultrasound Presentation of Epithelioid Malignant Mesothelioma of the Tunica Vaginalis without Asbestos Exposure,** Chidi Ollawa, North Cumbria Integrated Care NHS Foundation Trust

12:00 **Beyond the DVT: The Role of Duplex Ultrasound in Detecting an Incidental Popliteal Vein Aneurysm**, Alice O'Mahony, Bantry General Hospital

12:05 **Exploring Beneath the Surface: A Carcinoma of Unknown Primary Origin,** Aoife O'Brien, University College Dublin and Tallaght University Hospital

12:10 **Improving Your Gynae Ultrasound Practice: Getting to Grips with Scanning for Endometriosis and PeVD**, Ms Angie White, Brunel University of London

SUSTAINABLE CAREERS AND WORKFORCE WELLBEING

13:35 – 15:05 Chair: Dr Catriona Hynes, Sheffield Hallam University, Ms Holly Spencer, Sheffield Hallam University

13:35 **The River, Not the Ladder: Rethinking Career Development for Health Professionals,** Ms Melanie Clarkson, Sheffield Hallam University

13:55 **The Experiences and Perceptions of Sonography Training Through the Lens of the Sonographers and Trainees. A Systematic Review,** Anushka Sumra, Birmingham City University

14:15 **Healthy Practitioners, Better Care: Improving Patient Experience Through Workforce Wellbeing,** Dr Judith Johnson, University of Manchester

14:45 **Understanding the facilitators and barriers to Sonographers' Research Engagement: A Systematic Review,** Ezenwuba Nnaemeka, Sheffield Teaching Hospitals

14:55 **From Manifesto to Meaningful Change: Building a Sustainable Ultrasound Workforce for Better Patient Care,** Mrs Donna Holdcroft, British Medical Ultrasound Society

PRACTICAL WORKSHOP SESSION – FESTIVAL RESTAURANT

ENDOMETRIOSIS

LED BY: Mrs Roxanne Sicklen, Royal Free NHS Foundation Trust

In this session, we combine experts and simulation to arm ultrasound users with the skills and knowledge to make assessing for deep infiltrative endometriosis less daunting. Delegates will have the chance to develop practical skills for scanning in the posterior fornix and assessing for deep endometriosis nodules.

FACULTY

Dr Susanne Johnson, Gynaechoice

Dr Sue Freeman, Cambridge University Hospital

Mrs Debbie Henry, Circle Health Group

Mrs Rebecca Bird, Cambridge University Hospital

PERFECTING LIVER IMAGING WORKSHOP

Led by Dr Pamela Parker, Hull University Teaching Hospitals NHS Trust

The ability to undertake ultrasound of the liver and Doppler techniques is an invaluable skill for the general ultrasound practitioner. This practical session is intended to provide hands-on guidance of segmental liver anatomy imaging, use of liver Doppler techniques, and skills for proficiency in liver ultrasound. It is anticipated that delegates will feel more confident to try out these techniques in their own institutions after attending this workshop.

During the session, delegates will have x 2 lectures on liver segmental anatomy and liver Doppler, with various clinical stations perfecting the skills attained. The session will complete with a synopsis of the options for further imaging of changes in liver architecture or focal liver lesions detected during screening examinations.

FACULTY

Dr Peter Cantin, University Hospitals Plymouth NHS Trust

Dr Dean Huang, King's College Hospital

Mr Colin Griffin, NHS Hospitals of Liverpool Group

Mr Gerry Johnson, Tameside and Glossop Integrated Care NHS Foundation Trust

Mrs Catherine Kirkpatrick, United Lincolnshire Hospitals NHS Trust

Dr Pamela Parker, Hull University Teaching Hospitals NHS Trust

Dr Ruth Reeve, Portsmouth Hospitals University NHS Trust

Miss Shaunna Smith, Hull University Teaching Hospitals NHS Trust

SATELLITE SESSION: HOME STRAIGHT BAR

8.50-17.00 SONOUK

8.50 Introduction,

Prof Bob Jarman, Teesside University

9:00 Understanding the circulation for PoCUS: is Everything You Know Wrong?, Dr Ashley Miller, Shrewsbury & Telford Hospital

So you think you know how the heart and circulation work? Ashley will challenge your thinking and explain what is really going on, and how you can use PoCUS to evaluate it.

9:30 Turbo Boost Your Lung Ultrasound, Dr Justin Kirk-Bayley, Royal Surrey NHS Trust

You need the skills and a toolkit to navigate yourself around the lungs. Justin will explain what you really need to know and do.

10:00 Eyeball Echo: Max Your Understanding of What's Wrong With Minimal Measurements and Spectral Doppler, Dr Anna Colclough, University Hospital Lewisham

Complicated measurements may waste time in frantic and high acuity situations. Anna will take you through how you can really work out what's going on, fast and efficient.

10:30 REFRESHMENT BREAK

11:00 **Top Gun: Be the Best Trainer You Can,** Dr Marcus Peck, Hampshire Hospitals NHS Trust, Dr Jonny Wilkinson, Northampton General Hospital

An interactive session focusing on all aspects of being a trainer delivered by international leaders in this area - what you need to know from the beginning of your trainees's journey to completion of training. Pearls and pitfalls.

12:30 Lunch

13.30 PRACTICAL STATIONS:

Stations will rotate every 30 minutes. Delegates will be able to choose to attend up to 6 stations

There will be a break at 15.00 for 30 mins

PoCUS challenge - can you identify all the abnormal findings? Prizes for the best!

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!

Gallbladder and biliary station

This station will focus on identification of the gallbladder, including fungus, body and neck, and how to find the common bile duct. Different approaches, planes, and positioning will be described.

Kidneys and bladder station

This station will focus on identification of the kidney, ureter (where visualied), and bladder. Key sono-anatomy, dimensions, pathology, and clinical relevance will be described.

Appendix station

This station will focus on identification of the appendix. Different approaches, planes, and anatomical variations will be described.

Lung station

This station will focus on identification of important causes chest pathology. Key windows, findings and a structured approach will be described.

Circulation assessment station

This station will focus on being able to assess a patient's fluid status, especially ascertaining when fluids are indicated, and reassessing after boluses

DVT station

This station will focus on 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.

Shocked patient station

This station will focus on using a structured approach to scanning the shocked patient. The pros and cons of each approach will be discussed.

Introduction to using Doppler in your practice

This station will introduce the different types of Doppler modes, when to use them, how to optimise the settings, how to interpret results and artefacts and pitfalls.

Eyeball max heart station

How can you get maximal information about your patient's heart in a short time? This station will focus on using your eyeballs, with minimal measurements, to ascertain as much information as possible.

Mastering echo windows station

This station will focus on mastering several echocardiography windows. Tip and tricks for obtaining them in difficult circumstances and quickly.

Essential nerve blocks station

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.

Using PoCUS for spinal needling station

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.