



49th Annual Scientific Meeting of the
British Medical Ultrasound Society

Ultrasound 2017 Call for Papers & Preliminary Programme

Abstract submission deadline - Sunday 30th July 2017

6th - 8th December 2017, Cheltenham Racecourse
Further information can be found at www.bmus.org



DAY 1 - Wednesday 6th December 2017

PLENARY 1	PLENARY 2	PLENARY 3	PRACTICAL
<p style="text-align: center;">General Imaging / Abdominal 1 Abdomen <i>Organised by A Lim</i></p> <p>This session will give an overview of the common incidental lesions found on routine abdominal scanning. Some advanced applications as to how to characterise them and an algorithm on how to manage these lesions with further imaging if required. In addition, a guide for improving sonographic assessment of bowel pathology will also be highlighted.</p>	<p style="text-align: center;">MSK Fundamental 1 <i>Organised by A Hall</i></p> <p>This session is aimed at those with an interest in Musculoskeletal ultrasound, but little practical experience.</p> <p>These lectures are designed to provide a 'how to..' session and will cover the most common joints scanned – shoulder, hand/wrist and ankle/foot. Experienced musculoskeletal sonographers and Radiologists will introduce basic anatomy, technique and common pathologies which may be helpful as a precursor to the optional afternoon 'hands on' sessions. Lectures will also include hints and tips on reporting MSK scans.</p>	<p style="text-align: center;">Physics 1 Modern Scanner Controls <i>Organised by N Dudley</i></p> <p>This session aims to describe the basic principles of modern ultrasound controls and provide guidance on their clinical use, to include potential pitfalls.</p>	
<p style="text-align: center;">General Imaging / Abdominal 2 General Ultrasound <i>Organised by A Lim</i></p> <p>This session will encompass the breadth of ultrasound body parts, not regularly in the remit of all general sonologists and sonographers but, who are occasionally asked to perform these examinations. Imaging has become so organ specific and what does constitute general ultrasound? These series of lectures will highlight areas less well known to the general sonographer/sonologist and an outline of their common pathologies will be provided.</p>	<p style="text-align: center;">MSK Fundamental 2 <i>Organised by A Hall</i></p> <p style="text-align: center;">Continuation of the earlier morning session.</p>	<p style="text-align: center;">Physics 2 Quality and Safety <i>Organised by N Dudley</i></p> <p>This session aims to provide an update on safety and quality assurance in ultrasound.</p>	<p style="text-align: center;">Carotid Masterclass <i>Organised by T Gall</i></p> <p>The session will focus on the more difficult pathologies that may be encountered when scanning the carotid arteries. These include dissection, near occlusion/ trickle flow and non-atherosclerotic disease. Combining hands-on practical and live demonstration with short lectures, the aims of this session are to improve the optimisation of machine controls and build confidence in assessing and reporting difficult cases.</p>
<p style="text-align: center;">General Imaging / Abdominal 3 Urology <i>Organised by A Lim & O Byass</i></p> <p>This session will have a urology flavour covering state of the art techniques, provide a refresher for common pathologies encountered and an imaging plan for the less common cases.</p> <p>These sessions are aimed at Radiologists and trainees, sonographers and trainees and practitioners who use ultrasound in their work from other disciplines.</p>	<p style="text-align: center;">Professional Issues Meeting and Managing Demand <i>Organised by P Parker</i></p> <p>Without question demand for diagnostic imaging is relentlessly increasing, often without a reciprocal increase in staffing or capacity. The drive towards 7-day and extended working practices is influencing many aspects of service delivery, and with limited resources this can be difficult to achieve.</p> <p>This session aims to explore new and alternative methods of demand management. Topics include working with primary care providers, intelligence data to review capacity through to creatively managing demand in a flexible and joined up approach.</p>	<p style="text-align: center;">Physics 3 Vascular Ultrasound <i>Organised by N Dudley</i></p> <p>This session aims to describe advances in vascular ultrasound.</p>	<p style="text-align: center;">MSK Fundamental 1</p> <p>The practical workshops will build on information gained from the morning lectures on a 'how to scan' basis.</p> <p>Stations will be divided into 3 sections – shoulder, hand/wrist and foot/ankle where experienced sonographers/ Radiologists will be on hand to help delegates practice basic patient positions and ultrasound techniques.</p>
<p>Donald MacVicar Brown Lecture</p>			<p style="text-align: center;">MSK Fundamental 2</p> <p style="text-align: center;">Continuation of the earlier afternoon session.</p>
<p>Welcome reception 17:00 - 18:30</p>			

DAY 2 - Thursday 7th December 2017

PLENARY 1	PLENARY 2	PLENARY 3	PRACTICAL
<p style="text-align: center;">Obstetrics 1 <i>Organised by T Overton</i></p> <p>This session aims to examine the current common pitfalls in routine ultrasound, their potential significance and practical suggestions as to how they may be avoided.</p> <p>This session is aimed at sonographers, midwives, obstetricians, Radiologists and nurses who have an interest in routine obstetric ultrasound.</p>	<p style="text-align: center;">Head & Neck 1 <i>Organised by C Kirkpatrick</i></p> <p>The session will provide in depth insight into the speciality of head and neck ultrasound scanning and reporting by experts in their field.</p> <p>The aim is to give confidence in reporting and will include an in depth examination of lymph nodes, extra thyroidal pathologies and insight into cutting edge advances in the head and neck ultrasound field.</p>	<p style="text-align: center;">Vascular 1 Carotid <i>Organised by T Gall</i></p> <p>After success in previous years, this vascular session will focus on all aspects of carotid duplex scanning. Organised in conjunction with the Society for Vascular Technology of Great Britain and Ireland, we hope to take a walk down memory lane exploring how velocity criteria was developed as a tool for assessing carotid disease. In contrast, we will review innovative new technologies such as 3D ultrasound for the measurement of plaque volumes, and how this may be changing the way we think about plaque vulnerability.</p>	<p style="text-align: center;">MSK Advanced Practical <i>Organised by A Hall</i></p> <p>The advanced practical workshops are aimed at those with current MSK ultrasound skills wishing to increase their knowledge of the more advanced techniques. The more complex areas of hip and groin, knee and elbow will be covered as well as ultrasound guided MSK interventions and scanning for inflammatory arthritis. Experienced sonographers/ Radiologists will be on hand to help delegates get the maximum benefit from hands on, small group tutoring.</p>
<p style="text-align: center;">Obstetrics 2 <i>Organised by T Overton</i></p> <p style="text-align: center;">Peter Twining Lecture The future of fetal medicine <i>delivered by T Overton</i></p>	<p style="text-align: center;">Head & Neck 2 <i>Organised by C Kirkpatrick</i></p> <p style="text-align: center;">Continuation of the earlier morning session.</p>	<p style="text-align: center;">Vascular 2 <i>Organised by T Gall</i></p> <p>With the first vascular session dedicated to all things carotid, this session is open to all other vascular issues! We are planning to explore the less common vascular disorders found in athletes and the best way to assess popliteal entrapment syndrome. We also want to look at the usefulness of vascular ultrasound away from the comfort of the vascular lab or ultrasound department. Have you had an interesting vascular case lately? Please consider sharing your case study in this session!</p>	<p style="text-align: center;">MSK Advanced Practical <i>Organised by A Hall</i></p> <p style="text-align: center;">Continuation of the earlier morning session.</p>
<p style="text-align: center;">Obstetrics 3 <i>Organised by T Overton</i></p> <p>The "Halve-it" campaign aims to reduce the number of stillbirths by 2030. This session will discuss ways in which routine pregnancy ultrasound can help achieve this ambitious goal.</p>	<p style="text-align: center;">MSK Advanced 1 <i>Organised by A Hall</i></p> <p>This session is aimed at health care professionals with experience in the fundamental techniques of scanning joints and soft tissues wishing to further broaden their experience in image interpretation and the clinical relevance of their findings.</p>	<p style="text-align: center;">Young Investigator</p> <p>During this session 5 shortlisted oral papers from submitters under the age of 39 will battle it out to win the title of BMUS Young Investigator 2017 and the prize of representing the UK at the 2018 Euroson congress in Poland. Further details on page 5.</p>	<p style="text-align: center;">Head & Neck Integrated Training <i>Organised by C Kirkpatrick</i></p> <p>This session will follow the same successful format as in previous years workshops. The anatomy of the head and neck will be taught in small groups. It will be delivered by the teaching of a series of standard sweeps through the neck, each sweep being initially demonstrated by live scanning to the whole group.</p>
<p style="text-align: center;">Obstetrics 4 <i>Organised by T Overton</i></p> <p>Advances in Fetal Therapy are made each year. An overview of current techniques will help the ultrasound practitioner understand what is possible and what is not.</p> <p>This session is aimed at sonographers, midwives, obstetricians, Radiologists and nurses who have an interest in obstetric ultrasound and materno-fetal medicine.</p>	<p style="text-align: center;">MSK Advanced 2 <i>Organised by A Hall</i></p> <p style="text-align: center;">Continuation of the earlier morning session.</p> <p>Speakers in these two sessions reflect the diversity of professions now using ultrasound for diagnostic and therapeutic procedures and may include Radiologists, sonographers, physiotherapists, rheumatologists and sports/orthopaedic consultants. They will have extensive experience of using ultrasound in their field and will discuss pathological features of MSK disease and the use of ultrasound in the relevant clinical pathway.</p>	<p style="text-align: center;">Professional Issues: CASE Training the next generation of sonographers. A changing landscape or sinking sand...? <i>Organised by P Parker</i></p> <p>Are financial pressures driving a 'dumbing down' of the role of the sonographer? How will the reality of student debt affect recruitment? What will the sonography career framework look like in the years ahead? Are we ready for a return of band 5 non-reporting sonographers? The aim of this session is to explore some of the political and financial drivers for change in ultrasound education and training and how these are being addressed.</p>	<p>Following each demonstration, delegates will in small groups will scan models under the supervision of a member of the head & neck faculty. The neck will be systematically covered outlining the key structures that need to be identified, starting from the submental region and ending with the larynx. Tips and pitfalls will be highlighted allowing a comprehensive scanning technique of the neck to be mastered under the guidance of the faculty. This workshop will allow the delegate to have confidence in neck scanning through a systematic approach.</p>
Annual Awards Ceremony and Gala Dinner			

DAY 3 - Friday 8th December 2017

PLENARY 1	PLENARY 2	PLENARY 3	PRACTICAL
<p style="text-align: center;">Gynaecology 1 <i>Organised by C Overton</i></p> <p>This session on gynaecology is highly topical following the publication of the report from the Women's All Party Parliamentary Group in March 2017 highlighting the importance of informed choice and giving women control of their healthcare.</p> <p>The emphasis of this session is on the combination of ultrasound and clinical features that assist in the diagnosis and management of clinical conditions. This session aims to:</p> <ul style="list-style-type: none"> • Highlight features that influence clinical management and update you on management • Provide you with simple tools to assess ovarian cysts and fibroids • Examine the ultrasound features of pelvic infection 	<p style="text-align: center;">Professional Issues 1 Discrepancy, mistakes and negligence – learning from practice <i>Organised by P Parker</i></p> <p>Duty of Candour processes are becoming embedded into radiology and ultrasound practice; whilst established discrepancy and governance meetings promote a culture of no blame practice and encourage practitioners to learn from errors. However, when is a discrepancy an error and does every error mean a mistake? This session is suitable for all ultrasound practitioners.</p>	<p style="text-align: center;">Paediatrics 1 Errors & pitfalls in paediatric ultrasound <i>Organised by T Humphrey</i></p> <p>This session will review common errors occurring in paediatric ultrasound imaging, highlighting why they occur and ways to avoid them. Guidance towards good ultrasound technique and a range of paediatric pathologies will be presented.</p> <p>This session is aimed at sonographers, consultant Radiologists with a paediatric interest and radiology trainees.</p>	<p style="text-align: center;">Elastography Masterclass <i>Organised by A Lim</i></p> <p>This workshop will outline the different Elastography technologies available followed by a practical session on how to perform strain and shearwave elastography using different scanners. Potential clinical applications will also be discussed.</p> <p>The workshop is aimed at sonographers and sonologists who would like to start utilising Elastography in their routine clinical practice.</p>
<p style="text-align: center;">Gynaecology 2 <i>Organised by C Overton</i></p> <p>The emphasis of this session is on the combination of ultrasound and clinical features that assist in the diagnosis and management of clinical conditions. This session aims to:</p> <ul style="list-style-type: none"> • Highlight features that influence clinical management and update you on management • Update you with the latest on the diagnosis and management of endometriosis due to be published by NICE in September 2017. • Case review of rare and difficult cases. • Examine the current role of ultrasound in gynaecology oncology 	<p style="text-align: center;">Professional Issues 2 Discrepancy, mistakes and negligence – learning from practice <i>Organised by P Parker</i></p> <p>Both morning sessions aim to review errors that occur in radiology and why they happen. Our invited speakers will outline key issues that arise with a view to help delegates avoid making unnecessary errors in their own practice. This session is suitable for all ultrasound practitioners.</p>	<p style="text-align: center;">Paediatrics 2 Paediatric groin & scrotum <i>Organised by T Humphrey</i></p> <p>In this session we will review acute and long standing conditions affecting the scrotum, inguinal regions and hips in children. In particular guidance will be given for optimum technique when scanning children with suspected hernias, developmental dysplasia of the hips and testicular pathology.</p>	<p style="text-align: center;">DVT Integrated Training The easy guide to scanning for Deep Vein Thrombosis <i>Organised by B Sarker</i></p> <p>This popular and highly successful workshop session supports core learning for all delegates from a Radiology and Vascular background, but the core skills are transferable to other areas.</p> <p>Key highlights:</p> <ol style="list-style-type: none"> 1. E-learning package provided in advance 2. Four practical sessions comprised of a 15min live demonstration and 30mins break out 3. Small groups for each break out sessions of 5-6 delegates max. 4. Intense practical sessions will cover tips and technique for:- <ol style="list-style-type: none"> 1. Lower limb - fem-pop segment 2. Lower limb - calf veins 3. Iliac veins and IVC 4. Upper limb and neck DVT
<p style="text-align: center;">Early Pregnancy <i>Organised by C Overton</i></p> <p>This session on early pregnancy is highly topical following the publication of the report from the Women's All Party Parliamentary Group in March 2017 highlighting the importance of informed choice and giving women control of their healthcare. The emphasis of this session is on the combination of ultrasound and clinical features that assist in the diagnosis and management of clinical conditions.</p> <p>This session will update you on the ultrasound diagnosis of miscarriage and ectopic pregnancy including the green-top guideline on tubal ectopic pregnancy published by the RCOG in November 2016.</p>	<p style="text-align: center;">General Imaging / Abdominal Pitfalls <i>Organised by P Cantin</i></p> <p>This session aims to examine some of the common pitfalls in general ultrasound imaging. It will examine some of the potential clinical consequences of such pitfalls and look at strategies and tips to both recognize and avoid them.</p> <p>This session is suitable for ultrasound practitioners involved in general medical ultrasound; including radiology consultants and specialist registrars, sonographers, trainees and practitioners who use ultrasound as a tool in their day-to-day work.</p>		
16:00 Close			

BMUS Awards 2017

Best Oral Presentation

Accepted paper presentations are judged in terms of both scientific content and quality of presentation. The aim of the award is to support activities in the field of medical ultrasound, which advance the work or personal development of the winner. The winning presenters will be encouraged to submit their work for publication in the BMUS journal, Ultrasound, and to provide a short report showing how the award was used. The awards are decided at the end of the conference, winners will be advised in January 2018 and will be announced in the BMUS newsletter.

1st Prize

£200 plus complimentary BMUS 2018 membership

Runner up

£50 plus complimentary BMUS 2018 membership

Best Poster Award

Poster judging will be undertaken by members of the BMUS Scientific & Education Committee and the 2017 Scientific Organising Committee. The winning presentations will be announced during the Gala Dinner on Thursday 7th December 2017. The winning presenters will be encouraged to submit their work for publication in the BMUS journal, Ultrasound.

1st Prize

£200 plus complimentary BMUS 2018 membership

Runner up

£50 plus complimentary BMUS 2018 membership

BMUS Young Investigator Award

Chosen oral submissions from presenters under 39 years of age on 6th September 2018 will be invited to take part in this session. The winning presentation, selected by an esteemed panel of judges, will be awarded the prestigious title of 'BMUS Young Investigator 2017' and will be invited to represent the UK at the Euroson 2018 Congress in Poznan, Poland with the opportunity to win the 'European Young Investigator' title and one of the two possible cash prizes totalling €3000.

Top 7 reasons for presenting your research at Ultrasound 2017

- The successful paper/poster abstracts for meeting will be published in the final printed programme.
- Highly discounted delegate fees to attend Ultrasound 2017 are offered to successful presenters.
- The opportunity to win awards and prizes for the best poster or oral presentation.
- Successful paper/poster abstracts will be additionally published online in the Ultrasound journal and will be listed in PubMed Central.
- Presenters will have the opportunity to have their research published in full in the Ultrasound journal.
- Oral presentations from presenters under 39 years of age will be automatically considered for the prestigious BMUS Young Investigator Session.
- Each presenter will receive a certificate from BMUS stating that their research was presented at the meeting.

Information on how to submit your abstract can be found on the BMUS website. Abstracts must be submitted by 30th July to be considered.

BMUS

49th Annual Gala Dinner & Awards Ceremony

We are glad to announce that the 2017 Gala Dinner will be held at the

**Pittville Pump Room on
7th December 2017 in Cheltenham**

Join us for an evening of celebration!

