

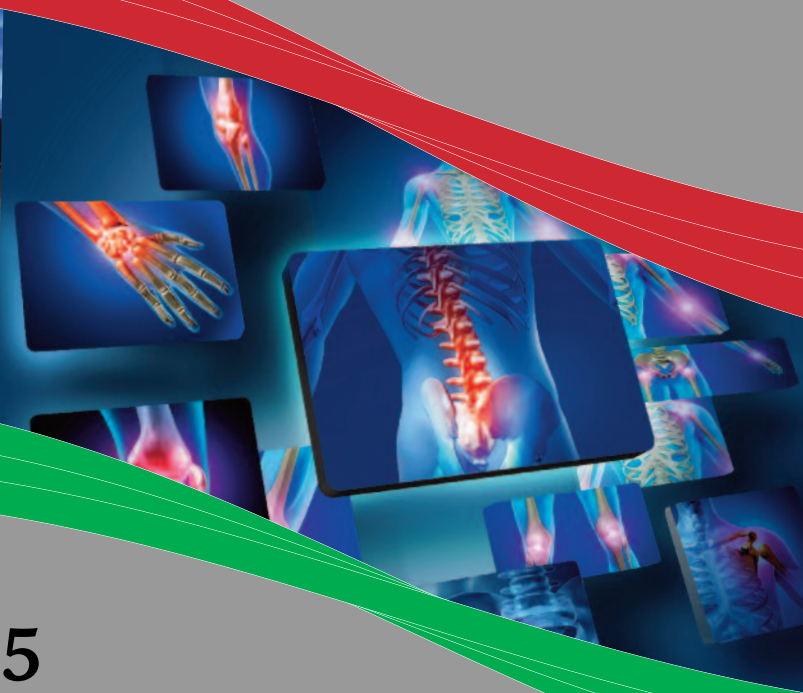


Ultrasound 2015

47th Annual Scientific Meeting of the
British Medical Ultrasound Society

Call for Papers & Preliminary Programme

Abstract submission deadline - **Friday 7th Aug 2015**



9-11 December 2015
City Hall, Cardiff

Detailed session plans available at www.bmus2015.org

Wednesday 9th December 2015

Plenary 1	Plenary 2	Plenary 3	Practical Training Ses-
President's Welcome			
<p style="text-align: center;">Abdominal 1 Cross-sectional imaging for dummies <i>Organised by S Freeman/ P Cantin/ C Gutteridge</i></p> <p>This session is aimed predominantly at sonographers and other professional groups who do not routinely review or report cross-sectional imaging. The use of correlative imaging is being increasingly utilised within imaging departments, with a combination of CT, MRI and ultrasound being used to resolve equivocal imaging findings. This session will aim to provide guidance on when ultrasound imaging alone is sufficient, when additional imaging should be recommended and what is expected from ultrasound when it follows an indeterminate CT/MRI examination. At the end of this session it is hoped that ultrasound practitioners will have a basic understanding of other imaging modalities, how and when to utilise them.</p>	<p style="text-align: center;">Professional Issues 1 Facing the facts - discrepancy management and duty of candour in practice <i>Organised by P Parker/R Evans</i></p> <p>This session will discuss how practice can be reviewed to ensure a quality service is being provided and how the error rate of a department can be monitored. The session will also address how discrepancy meetings can be held in a multidisciplinary and multi specialist service and how learning from these meetings can be implemented.</p>	<p style="text-align: center;">Physics 1 New Technologies <i>Organised by N Dudley/ N Pugh</i></p> <p>The aim of this session is to explore selected new technologies, describing the science and discussing their potential clinical role.</p>	
<p style="text-align: center;">Abdominal 2 New technologies: what's in it for me? <i>Organised by S Freeman/ P Cantin/ C Gutteridge</i></p> <p>Recent BMUS scientific sessions have been filled with high-powered scientific sessions describing the physics and research applications of new ultrasound technologies. Although there is a growing literature base describing the potential clinical benefits of these applications, do they apply to your ordinary working life outside the academic environment? This session will persuade you that it is worth your while learning how to use these technologies, and investing the time and money to implement them in your clinical practice and is aimed at both radiologists and sonographers.</p>	<p style="text-align: center;">Professional Issues 2 The Medico-legal implications: a masterclass with Mr. Andrew Andrews <i>Organised by P Parker/R Evans</i></p> <p>The debating chamber of Cardiff City Hall is the perfect venue to host the return of Mr Andrew Andrews from Bond Salon. Mr Andrews was a star feature of the 2013 BMUS annual scientific meeting and is welcomed to Cardiff to give what promises to be a thought-provoking, but educational question and answer session.</p>	<p style="text-align: center;">Physics 2 Safety & Standards <i>Organised by N Dudley</i></p> <p>The aim of this session is to discuss safety issues and standards relevant to ultrasound practitioners and scientific and technical staff.</p>	<p style="text-align: center;">DVT Integrated Training <i>Organised by N Pugh</i></p> <p>This training session provides three hours of practical scanning with experts in this field. Ideal for students and those who wish to improve their technique.</p>
<p style="text-align: center;">Abdominal 3 Mistakes to avoid in abdominal ultrasound <i>Organised by S Freeman/ P Cantin/ C Gutteridge</i></p> <p>This session will review frequent or important errors in ultrasound practice based on many years of near-misses and discrepancies seen or perpetrated by the lecturers! Pitfalls in urogenital and hepato-biliary ultrasound will be discussed. There will be a further presentation on what not to forget to review when a specific abnormality has been found. We hope that attending this session will help you not to repeat our mistakes in interpretation or reporting of ultrasound! The session is aimed at both radiologists and sonographers.</p>	<p style="text-align: center;">Main Sponsor's Educational Session</p> <p>This session will be of interest to anyone wishing to learn of new developments in ultrasound and is led by our Main Sponsor. The session will give delegates the opportunity to see advances in technologies, how they are being used and will be delivered by experts in their field.</p>	<p style="text-align: center;">Physics 3 The Sonography/Physics Interface <i>Organised by N Dudley</i></p> <p>The aim of this session is to discuss the value of Physics to ultrasound practitioners.</p>	<p style="text-align: center;">DVT Integrated Training <i>Organised by N Pugh</i></p> <p>E-lectures provided in advance covering DVT scanning in the arm, pelvis, fem-pop segment and calf veins. The three hour session includes technique, pathology and reporting advice.</p>
<p>Donald MacVicar Brown Keynote Lecture - The Joy of Research: is necessity the best mother of invention? Prof. Peter Wells, Cardiff Followed by Welcome Reception</p>			

Thursday 10th December 2015

Plenary 1	Plenary 2	Plenary 3	Practical Training Sessions
Paediatrics 1 The Acute Abdomen in Children <i>Organised by T Humphrey</i>	Quality Issues 1 Managing Demand <i>Organised by P Parker</i>	Vascular 1 Carotid Vulnerable Plaque <i>Organised by N Pugh</i>	Head and Neck Integrated Training <i>Organised by R Evans</i>
<p>This session includes a review of imaging the acute abdomen in children, with guidance on the technique and appearances of common conditions such as appendicitis and intussusception, discussion of the role of CEUS in paediatric abdominal trauma and a lecture on the role of ultrasound in TB and unusual infections in the paediatric abdomen and chest.</p>	<p>This session will review the latest solutions being implemented to cope with increasing demand. This will include an overview of the 2015 joint ScoR and BMUS professional standards document which, in conjunction with the RCR iRefer document, aims to assist departments manage referrals effectively.</p>	<p>This session aims to consider the concept of the vulnerable carotid plaque. Plenary lectures will discuss the importance of plaque morphology, stresses and strains within the plaque and plaque blood flow, with a view to establishing their importance in deciding what is likely to represent a vulnerable plaque.</p>	<p>The anatomy and scanning technique of the head and neck will be taught in small groups following initial demonstration of live scanning by Dr Rhodri Evans.</p>
Paediatrics 2 The Paediatric Urinary Tract <i>Organised by T Humphrey</i>	Quality Issues 2 Managing Demand Debates <i>Organised by P Parker</i>	Vascular 2 Venous Compression Disorders <i>Organised by T Gall</i>	Head and Neck Integrated Training <i>Organised by R Evans</i>
<p>The investigation of urinary tract infection is one of the most frequent indications for ultrasound referral in children. In this session we will start by reviewing imaging guidelines and findings, followed by a paediatric surgeon's perspective on those cases requiring operative intervention. The session concludes with a talk on the ultrasound assessment of paediatric renal transplants.</p>	<p>Motion 1: This house believes outsourcing ultrasound services to independent service providers can lead to a better service delivery. FOR - Dr Ian Francis AGAINST - Dr Peter Rodgers. Motion 2: This house believes that training undergraduate sonographers will relieve the current recruitment and retention staff issues. FOR - Alice Turner AGAINST - Mrs Jean Wilson.</p>	<p>Getting back to basics, the vascular sessions this year have been divided into carotid, venous and arterial territory ultrasound. This session is looking for some good abstract submissions of all things venous in nature whilst the focus of the plenary lectures will be venous compression disorders, examining presentation, diagnosis and management of syndromes such as May-Thurner and Paget-Schroetter.</p>	<p>Delegates will scan models under the supervision of a member of the head & neck faculty. Tips and pitfalls will be highlighted allowing a comprehensive scan technique of the neck to be mastered.</p>
Head & Neck 1 Salivary glands and larynx-revisited <i>Organised by R Evans</i>	Gynaecology 1 Keynote lectures on current issues around ultrasound of the ovaries <i>Organised by R Wilson & A McGuinness</i>	Vascular 3 Assessment of non-atherosclerotic diseases <i>Organised by T Gall</i>	Quality & Governance <i>Organised by P Parker/N Dudley</i>
<p>The key points that can be mastered in order to enable improved management of more complex head and neck cases are presented.</p>	<p>Including: Diagnosing Ovarian Torsion in the Acute Patient and Scanning Ovaries in the Infertility Patient.</p>	<p>The aims of this session are to examine some of the arterial complaints caused by non-atherosclerotic diseases such as popliteal entrapment, cystic adventitial disease and thoracic outlet syndrome. We will be reviewing the aetiology, protocols for ultrasound diagnosis and supporting physiological assessments as well.</p>	<p>Medical imaging services are increasingly being scrutinised. With the advent of the RCR Imaging Services Accreditation Scheme (ISAS) & CQC inspections specifically reviewing imaging services there has never been a greater need for robust governance and quality processes and documentation.</p>
Head & Neck 2 Advanced techniques <i>Organised by R Evans</i>	Gynaecology 2 Keynote lectures on the latest advances in ultrasound of the uterus <i>Organised by R Wilson & A McGuinness</i>	Vascular 4 Carotid Debate <i>Organised by N Pugh</i>	Quality & Governance <i>Organised by P Parker/N Dudley</i>
<p>Keynote lecture on the latest advances in head and neck ultrasound, followed by interactive session on interaction of ultrasound with other modalities/interventional techniques.</p>	<p>Including: 3/4 D techniques and The Problem with Endometriosis.</p>	<p>This house believes that we should follow SVT recommendations and measure the PSV, PSV ratio and the St. Mary's ratio when assessing the degree of carotid artery stenosis on ultrasound. FOR - Mr Crispian Oates. AGAINST - Prof. Neil Pugh.</p>	<p>The aim of this workshop is to give advice and practical experience in the key aspects of governance and quality measures in ultrasound. The BMUS QA guidelines will be presented and there will be an opportunity for delegates to gain experience and confidence in undertaking these tests with a team of experts. Presentations will include the latest infection control guidance and an overview of governance requirements for your ultrasound service.</p>
Annual Dinner & Awards Ceremony - National Museum Cardiff			

Friday 11th December 2015

Plenary 1	Plenary 2	Plenary 3	Practical Training Sessions
<p style="text-align: center;">MSK Fundamentals 1 Fundamentals of MSK Imaging & Intervention <i>Organised by A Hall</i></p> <p>The morning MSK sessions are aimed at those with an interest in MSK ultrasound, and a sound knowledge of ultrasound instrumentation but little practical experience in MSK scanning. These sessions are complimented by the afternoon practical training sessions.</p>	<p style="text-align: center;">Obstetrics 1 Fetal Anomaly Screening <i>Organised by T Overton</i></p> <p>This session focuses on fetal anomalies, with a discussion of fetal cardiac abnormalities and an update on FASP.</p>	<p style="text-align: center;">Outreach iDirisha and the Outback <i>Organised by R Evans</i></p> <p>Ultrasound is used in remote regions to reduce maternal and fetal mortality and morbidity. Two projects will be described, in East Africa and in the Australian outback. BMUS members have the opportunity to be involved in teaching projects, fieldwork, design of teaching modules that can be transmitted via satellite etc.</p>	<p style="text-align: center;">Advanced MSK 'Hands On' Workshop <i>Organised by A Hall</i></p> <p>This workshop is intended for those with sound knowledge of ultrasound instrumentation and basic MSK scanning techniques, who are extending their scope of practice.</p>
<p style="text-align: center;">Fundamentals 2 MSK Imaging and Intervention <i>Organised by A Hall</i></p> <p>Both sessions aim to educate delegates in rotator cuff pathology and cover ultrasound appearances of benign and malignant 'lumps and bumps'. Training in ultrasound of the shoulder and governance in point of care ultrasound will be discussed and the unique advantages of dynamic ultrasound assessment.</p> <p>The sessions would be useful for all ultrasound practitioners with a good back ground of ultrasound instrumentation, but little experience in musculoskeletal ultrasound. It would also be useful for those requiring more background in the development of ultrasound services.</p>	<p style="text-align: center;">Obstetrics 2 Peter Twining Memorial Lecture <i>Organised by T Overton</i></p> <p>The lecture this year is given by Dr Patricia Chudleigh. Dr Chudleigh has a long history of significant contribution to the field of Obstetric Ultrasound and is the Advanced Practitioner Manager and Lead Sonographer of the Rosie Ultrasound Department in Cambridge.</p>	<p style="text-align: center;">The Ultrasound Quiz <i>Organised by P Parker</i></p> <p>Take part in the quiz and join this session to find the answers to the questions posed. A light hearted way of testing your knowledge, with an opportunity to gain additional CPD points.</p>	<p style="text-align: center;">Advanced MSK 'Hands On' Workshop <i>Organised by A Hall</i></p> <p>A continuation of the earlier morning session, and is ideal for those wishing to improve their skills and work closely with experienced MSK US trainers on state of the art ultrasound systems. Trainers include sonographers, radiologists, rheumatologists and orthopaedic surgeons/sports physicians.</p>
<p style="text-align: center;">Advanced MSK 1 Advanced MSK Imaging <i>Organised by A Hall</i></p> <p>The afternoon MSK sessions are aimed at those who already work in MSK ultrasound and are wishing to further and broaden their experience. These lectures are complimented by the morning practical sessions.</p>	<p style="text-align: center;">Obstetrics 3 Placenta CNS Skeleton <i>Organised by T Overton</i></p> <p>This session addresses some of the challenges in Obstetric Ultrasound, covering scanning of the placenta, fetal CNS and skeletal dysplasias.</p>	<p style="text-align: center;">General Imaging Conundrums in Ultrasound <i>Organised by A Lim</i></p> <p>Patient preparation, normal lymph nodes and gall bladder polyps and wall thickening will be discussed during this session.</p>	<p style="text-align: center;">Fundamentals of MSK 'Hands On' Workshop <i>Organised by A Hall</i></p> <p>This workshop is aimed at those with sound knowledge of ultrasound instrumentation but little or no experience in MSK U/S scanning.</p>
<p style="text-align: center;">Advanced MSK 2 Advanced MSK Imaging <i>Organised by A Hall</i></p> <p>The speakers in these sessions reflect the diversity of professions now using ultrasound both for diagnostic and therapeutic procedures and include sonographers, radiologists, rheumatologists and orthopaedic surgeons/sports physicians.</p> <p>Both sessions are aimed at Radiologists, registrars, sonographers, physiotherapists, rheumatologists and orthopaedic surgeons with experience in Musculoskeletal ultrasound.</p>	<p style="text-align: center;">Obstetrics 4 Fetal Surgery & Case Discussions <i>Organised by T Overton</i></p> <p>This session will cover the challenging area of fetal surgery, followed by case based discussions in Fetal Medicine.</p>		<p style="text-align: center;">Fundamentals of MSK 'Hands On' Workshop <i>Organised by A Hall</i></p> <p>A continuation of the earlier afternoon session, and is an opportunity to work in small groups with experienced ultrasound trainers who will help with basic MSK US techniques on state of the art ultrasound systems.</p>
Close			

Personal message from the Scientific Chair of Ultrasound 2015



“Croeso i Gaerdydd, Prifddinas Cymru!” “Welcome to Cardiff, capital city of Wales!”

Following the phenomenal success of Ultrasound 2014 in Manchester, I would like to welcome you all to this year’s scientific meeting, which is being held in Wales for the first time. This year’s programme is built upon the successful format of previous meetings providing an excellent scientific programme with hands-on teaching, professional issues and educational sessions coupled with plentiful networking opportunities. In addition the large technical exhibition allows interaction with all the leading manufacturers and allied trades/professions.

The scientific programme will follow a streamed format, allowing delegates to either attend days focused on a speciality or to enjoy the breadth of educational and social opportunities provided by the whole meeting. Held in the stunning City Hall in Cardiff, the meeting is well supported by major ultrasound manufacturers, as well as smaller allied companies, whose support is highly valued. The technical exhibition will be held in the spacious lower hall of this majestic building which provides the flexibility required to organise this meeting in an intimate environment. The flexibility of the venue will also facilitate the inclusion of additional sessions to include debates and allied group meetings.

A range of presented educational material will be available on the BMUS website following the meeting. Opportunities to access a wealth of material from these meetings is only one of the benefits of being a BMUS member.

The Ultrasound 2015 website is now live and ready to accept abstract submissions. Visit the BMUS website for regular updates.

Nick Dudley

Chair of 2015 Organising Committee

Nick is a serving member of BMUS Council and the co-author of the ‘BMUS Guidelines for the Regular Quality Assurance Testing of Ultrasound Scanners by Sonographers’.

Nick currently works as a Principal Physicist at Lincoln County Hospital.

Under the Spotlight

Wednesday 9th December 2015

11.15 - 12.45 Medico-legal Masterclass

Andrew Andrews MBE from Bond Solon

16.00 - 16.45 Donald MacVicar Brown

Lecture - The Joy of Research: is necessity the best mother of invention?

Prof. Peter Wells, Cardiff

Thursday 10th December 2015

BMUS Young Investigator 2015

15.30 - 17.00 A showcase of five best abstracts submitted by authors 35yrs old or under. The best presentation from this session, will represent BMUS and the UK at the 2016 Euroson Meeting in Leipzig, Germany on 26-29th Oct 2016. The winner will receive their prize at the Annual Dinner.

Friday 11th December 2015

11.00 - 11.45 Peter Twining Memorial

Lecture delivered by Dr. Patricia Chudleigh, Cambridge





BMUS ANNUAL DINNER 2015

We are proud to be holding the 2015 Annual Dinner in the adjacent National Museum, Cardiff. Please join us for a wonderful evening, where you will have the opportunity to view one of Europe's finest art collections during our pre-dinner drinks reception. Your 3 course dinner with wine will be served in the elegant marble hall, followed by the Conference Awards Ceremony.

A wonderful opportunity to join your BMUS friends old & new at the party of the year, celebrating and dancing the evening away in a stunning setting.

Dress code: Smart Ticket price: £39.90

www.bmus2015.org | T: 020 76363714 | bookings@bmus.org

Thursday
10th December 2015
National Museum, Cardiff