

REGISTRATION BROCHURE

asa | 2012

CANBERRA

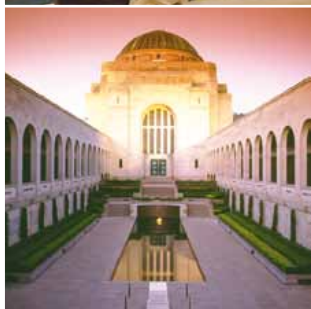
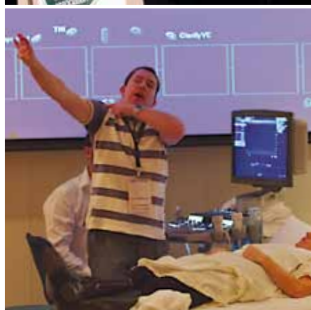
ANNUAL NATIONAL CONFERENCE

25-27 May 2012, National Convention Centre
The 19th Annual National Conference of the
Australian Sonographers Association

*Early Bird
registration closes
Friday 16 March!*



Welcome to ASA2012 Canberra



Broaden your horizons at ASA2012 Canberra

On behalf of the ASA2012 Canberra Convening Committee, we are delighted to invite you to the 19th Annual National Conference of the ASA. Incorporating a stimulating and diverse program that showcases the work of our experienced faculty of practitioners was always going to be the challenge, and we hope you will agree at the conclusion of the conference, that we have delivered a platform that encourages open dialogue, knowledge sharing and professional practice.

The outcome of a sonographic examination is reliant on specialist medical knowledge as well as the technical skills of the sonographer. We as sonographers are highly skilled medical imaging professionals who have a thorough understanding of both the physiological and clinical needs of the patient. We need to stay abreast of current and developing technologies, remain part of a networked community of medical practitioners and help to advance the field of sonography.

Our theme, 'broadening your horizons' underpins the ASA2012 Canberra program, as a time to acknowledge the scope and diversity of what is required of today's sonographer in the multidisciplinary clinical environment. Delegates will have a chance to examine the changing social, economic, cultural and political contexts shaping sonography, as well as explore policy and practice that promote better health outcomes for patients.

As expected, the social events will provide plenty of opportunity to meet and get to know other delegates in a relaxed environment as well as the opportunity to acknowledge our most exceptional sonographers through the 2012 ASA Awards of Excellence.

ASA2012 Canberra continues the tradition of bringing you the best in presenters, knowledge, technology and experience. Whether ASA2012 Canberra is your first Annual National Conference or one of many you have been part of during your career, we hope this program will inspire you to broaden your horizons.

Geordanna Morris and Teri Carmody
ASA2012 Canberra Co-convenors

ASA2012 Canberra keynote presenters

Martin Necas works as a senior general and vascular sonographer in Hamilton, New Zealand. He completed training in general and vascular ultrasound in Seattle, USA in 1996 and subsequently attained a Master's Degree in Sonography at the University of South Australia. Martin has practised diagnostic ultrasound internationally in a wide variety of clinical settings ranging from tertiary teaching hospitals to private clinics. He is an ultrasound enthusiast, keen clinical instructor, lecturer and a prolific conference speaker.

Kathryn Busch has recently set-up a vascular laboratory in the clinic of the new Macquarie University Hospital. She has been the recipient of national and international awards for her presentations and research including the Eugene Strandness award for Excellence in Scientific Research. Kathryn has a keen interest in vascular research and her particular interests include the recanalisation process of venous thrombus and aortic wall properties.

Dr Wes Cormick is highly regarded for his expertise and experience in many areas of ultrasound. He is considered one of the country's leading authorities on tendon pathology and he treats elite sportsmen from around the country.

Warren Lewis is a senior sonographer and director of Vascular One Ultrasound in Newcastle, Australia. He has been specialising in vascular ultrasound for 26 years and has worked closely with vascular surgeons and phlebologists throughout his career, keeping abreast of new arterial stenting and endoluminal procedures as well as endovenous laser procedures. Warren has given countless lectures, workshops and presentations internationally on all aspects of vascular ultrasound.

Arnold Ng is a staff cardiologist and senior lecturer at Princess Alexandra Hospital and University of Queensland. He completed his doctorate in non-invasive cardiac imaging of left ventricular mechanics in coronary artery disease, followed by a two year post-doctorate research fellowship in multi-modality cardiac imaging using echocardiography, computed tomography and magnetic resonance imaging. His main areas of research are in multi-modality cardiac imaging in coronary artery disease, cardiomyopathy and diabetes.

Social Functions

The ever-popular social program is a great opportunity to catch up with friends old and new. Delegates with full registration will be provided with one ticket to each of the three social functions. Your tickets will be included with your conference name tag.

All social functions are included in the full registration price.

Welcome drinks *Enlightening* – Friday 25 May 2012, 6–8pm

This event kicks off the conference in style ensuring you can connect with colleagues in a relaxed environment.

Breakfast *Rise and Shine* – Saturday 26 May 2012, 7.15–8.30am

Start your day with a scrumptious breakfast, ready for a day of inspirational presentations.

Gala dinner *Fire and Ice* – Saturday 26 May 2012, 7pm–late

As the conference heads into the home straight enjoy an evening of fine food and wine. We will strike the right balance between the excitement of the annual ASA Awards of Excellence presentations and live music to dance the night away, ensuring the gala dinner provides delegates with a final opportunity to let your hair down at ASA2012 Canberra.

Prizes and grants

ASA2012 Canberra prizes

As the largest annual gathering of sonographers, ASA's Annual National Conference offers a range of prizes to presenters – whether invited speakers or those who proffer presentations.

- Best research presentation
- Best clinical presentation
- Best proffered oral presentation
- Best student or first time presenter presentation
- Best poster or case study presentation

The winner of the Best overall presentation is selected from the winners of these categories.

Best Research Paper Grant

Best Research Paper Grant of up to \$5,000 may be awarded to the winner of the Best Research Paper Prize if the presenter fulfils additional criteria. Please visit www.a-s-a.com.au.

Delegate passport – \$5,000 travel prize to be won

Simply visit every trade exhibition booth to have your delegate passport validated and place your completed passport booklet into the ASA barrel. You must be present at the last session to qualify.

For more information visit www.a-s-a.com.au/asa2012-canberra.

Workshop selection

ASA2012 Canberra offers a wonderful array of live-scanning workshops. Combining didactic presentations followed by live scanning, our workshops will provide a learning opportunity that will significantly enhance your own clinical practice. The objective is to pick up valuable tips and hints while building on your knowledge in areas where you may be having difficulties, or need to improve on your skills. Two workshops sessions are included with full registration; however, additional tickets may be available from the workshop desk during the conference.

10 Reasons you should attend ASA2012 Canberra

1. Be part of the largest gathering of sonographers in Australia and New Zealand
2. Build your vision for the future of sonography while collaborating with your peers
3. Expand your leadership potential
4. Honour outstanding achievement
5. Learn cutting edge techniques
6. Explore new ideas
7. Discover emerging technologies
8. Talk to the experts
9. Share your knowledge
10. Gain insights into future trends and issues affecting sonographers.

Friday
25 May 2012

DAY ONE Friday 25 May 2012 AM		
SESSION 1 10.30am–12.00pm	PLENARY 1A	
	10.30–10.40am	WELCOME
	10.40–11.40am	The problem with the Y chromosome <i>Prof. Jenny Marshall Graves</i>
	11.40–12.00pm	When ultrasound lies <i>Martin Necas</i>
	12.00–1.00pm	LUNCH IN THE TRADE SHOW
SESSION 2 1.00–2.00PM	PLENARY 2A	PLENARY 2B
	2A GYNAECOLOGICAL IMAGING/IVF	
	1.00–1.20pm	Sonohysterosalpingography <i>Dr Susan Close</i>
	1.20–1.30pm	Abdominal ultrasound contrast <i>Paula King</i>
	1.30–1.40pm	Prostate and urogenital sonography <i>Tony Parmiter</i>
1.40–2.00pm	Recent advances in IVF – TBA <i>Dr Simone Campbell TBA</i>	The emergency adult abdomen <i>Paula King</i>
SESSION 3 2.00–3.00pm	PLENARY 3A	PLENARY 3B
	3A OBSTETRICS 1st Trimester	
	2.00–2.20pm	Pregnancy of unknown location <i>TBA</i>
	2.20–2.40pm	Crohn's disease <i>Assoc. Prof. Rajeev Jyoti</i>
	2.40–3.00pm	Advances in screening for aneuploidy <i>Antonia Shand</i>
3.00–3.30pm	The effect of ART on 1st trimester screening <i>Dr Andrew McLennan</i>	Liver contrast imaging <i>Chris Edwards</i>
3.00–3.30pm	AFTERNOON TEA IN THE TRADE SHOW	
SESSION 4 3.30–5.00pm	PLENARY 4A	PLENARY 4B
	4A MSK Upper limb	
	3.30–4.00pm	Wrist Ligaments <i>Le-Anne Grimshaw</i>
	4.00–4.20pm	Carotid ultrasound <i>Rob McGregor</i>
	4.20–4.40pm	Getting notched up <i>Lisa Hicks</i>
4.40–5.00pm	Carotid arteries: Extracranial rate of ICA branches <i>Kathryn Busch</i>	
5.00–5.30pm	The SD Bursa <i>Dr Wes Cormick</i>	The relevance of vertebral arteries <i>Jason Paige</i>
6.00–8.00pm	Clinical assessment of the shoulder <i>Lisa Briggs</i>	Carotid duplex ultrasound: Venturing beyond the basic protocol <i>Martin Necas</i>
5.00–5.30pm	Annual General Meeting – Members only	
6.00–8.00pm	CONFERENCE ENLIGHTENING WELCOME DRINKS	

NO OTHER PLENARY SESSIONS OR WORKSHOPS RUNNING CONCURRENTLY WITH OPENING OR PLENARY 2



TIME	WORKSHOP 3A	WORKSHOP 3B	WORKSHOP 3C	WORKSHOP 3D
2.00-3.00pm	3A Top 10 clinical tests – Daniel Walkley Ever wondered what the referrer was asking when they said the patient has a positive Hawkins-Kennedy? Several common clinical tests are explained as well as the application of sonography on how to image structures to demonstrate their function/failure.	3B Lateral hip and buttock sonography – Steve Bird This workshop will demonstrate a logical method for assessment of the lateral hip abductor apparatus. The technique begins with analytical assessment of the tendon, enthesis and bursa of gluteus minimus and medius muscle insertions. Anatomical associations with gluteus maximus, the iliotibial band and the tensor fascia lata aid with navigation of the lateral hip.	3C Deep and superficial venous incompetence: The whole perspective – Kathryn Busch A venous duplex study may be requested for a myriad of reasons, ranging from relatively straight forward pathology to complex disease in which the disease source may be multifactorial. The aim of this presentation is to equip sonographers with the ability to recognise clinical manifestations of venous disease, perform a methodical duplex assessment and obtain accurate diagnosis.	3D Carotids and upper limb: From basic to beyond – Rob McGregor Sonography of the carotid and vertebral arteries is a common referral in many sonography departments and is seen as part of the basic competencies of a general sonographer. This workshop will review the common pathologies and sonographic techniques and in particular the importance of waveform analysis to assess the haemodynamic effect of any pathology present.

TIME	WORKSHOP 4A	WORKSHOP 4B	WORKSHOP 4C	WORKSHOP 4D
3.30-4.15pm	4A CEUS: An introduction to liver contrast examination – Paula King CEUS is the term used for the latest contrast enhanced ultrasound examination. This examination involves a new contrast agent – A lipid encased inert gas. In Australia contrast media is 'Definity' and has been available for radiology use in both renal and hepatic applications since late 2007. Software available on high end ultrasound units enables the harmonic signal emitted from the 'vibrating' definity bubble to be displayed and true intravascular perfusion of organs and lesions to be shown.	4B Fetal heart (introductory) – Ann Quinton Fetal heart scanning is a routine part of the morphology scan. This workshop will cover sonographic assessment of the four-chamber view, short axis outflow tract and long axis outflow tract views between 18-20 weeks gestation. The use of colour Doppler will be addressed and optimisation of the ultrasound machine.	4C Sonography of the paediatric brain – Jeff Siegmann Generalist sonographers are sometimes asked to perform examinations they are not familiar with. This workshop aims to familiarise sonographers with some of the major intracranial and sonographic anatomy as well as some of the pathology they may encounter examination of the infant brain.	4D Sonographer self preservation and best practice – Val Gregory This workshop will discuss tactics to reduce the occupational risk of injury to sonographers. Sonographers need to ensure they work safe. Obstacles to this include: design of equipment and room layout; appointment schedules, staffing and workload; scanning techniques, work breaks, healthy life style and being fit for work.
	4E Ankle brachial index – Jennifer Farlow The ABI (Ankle brachial index) compares the blood pressure of the lower extremities to the upper extremities as a ratio. This ratio predicts the presence and severity of peripheral arterial disease. An ABI can be easily performed in the ultrasound room with the addition of a sphygmomanometer. This workshop is a practical guide to perform this as an adjunct to imaging. Normal ranges and pitfalls will be discussed.	4F Managing patient anxiety in the obstetric setting – Alison Clarke The aim of this workshop is to gain insight into possible sources of patient anxiety and ways they may manifest during obstetric sonographic examinations. Alison will draw on extensive experience in counselling women who have experienced a pregnancy loss, and will discuss practical techniques on how to alleviate anxiety.	4G Sonography of the paediatric brain – Jeff Siegmann Generalist sonographers are sometimes asked to perform examinations they are not familiar with. This workshop aims to familiarise sonographers with some of the major intracranial and sonographic anatomy as well as some of the pathology they may encounter examination of the infant brain.	4H RLQ and beyond – Beth Williams A common request encountered is the right lower quadrant (RLQ) examination, a prospect that may be met with apprehension. A methodical approach of scanning the RLQ will be introduced, ensuring even the most obscure pathology isn't overlooked. We will review the clinical questions 'behind' the information on the referral, and cover possible findings.


Saturday AM

26 May 2012

DAY TWO SATURDAY 26 MAY 2012 AM					
7.30–8.30am	BREAKFAST <i>RISE AND SHINE</i>				
SESSION 5 8.30–10.30AM	PLENARY 5A	PLENARY 5B	PLENARY 5C	TIME	CARDIAC DAY
	5A Obstetrics – 2nd trimester	5B MSK – Tendons	5C Paediatric sonography		Emerging technologies
8.30–9.00am	2nd trimester diagnosis of fetal anomaly and the ethics of late termination <i>Prof. David Elwood</i>	Tendon pathology <i>Fiona Bonar</i>	Ultrasound findings and how they are managed in the NICU <i>Dr Hazel Carlisle</i>	9.00–9.10am	SIEMENS Welcome and overview
9.00–9.10am		Tendons <i>Dr Wes Cormick</i>			
9.10–9.30am	Managing twins throughout pregnancy <i>Dr Antonia Shand</i>		Paediatric abdominal surgery <i>Dr Chaturika Athukorola</i>	9.10–10.00am	Emerging Technologies in cardiac imaging echo strain analysis (CT v MRI v) <i>Arnold Ng</i>
9.30–9.50am	Complex congenital heart diseases and how to sort it <i>Martin Necas</i>	Enthesis score <i>Steve Bird</i>	Appendix in paediatrics: When to do surgery <i>Dr Errol Simpson</i>		
9.50–10.00am	Karyotyping <i>Nicole Chia and Deb Paoletti</i>			10.00–10.30am	Practical review of strain imaging and analysis <i>Rodel Leano</i>
10.00–10.30am		Grading tendinosis <i>Daniel Walkley</i>	Urogenital anomalies and paediatric renal ultrasound <i>Dr Wes Cormick</i>		
10.30–11.00am	MORNING TEA IN THE TRADE SHOW				
SESSION 6 11.00AM–1.00PM	PLENARY 6A	PLENARY 6B	PLENARY 6C	TIME	CARDIAC DAY
	6A Vascular – Venous	6B MSK – Muscle injury, intervention and rehabilitation	6C Proffered papers		
11.00–11.20am	DVT – Common pitfalls in diagnosis: IVC to tibial veins <i>Warren Lewis</i>	Muscle injury and intervention <i>Dr Wes Cormick</i>		11.00–11.30am	Quality assurance in the echo lab – improving measurement accuracy <i>Cheryn Coleman</i>
11.20–11.40am	Thrombotic pathological markers, pulmonary emboli and DVTs – What's the correlation and significance? <i>Dr Stephen Bradshaw</i>				
11.40–12.00pm	Venous insufficiency duplex – less complexity, better quality <i>Martin Necas</i>	Rehabilitation <i>Craig Purdam</i>		11.30–12.00am	Australian experience of Quality assurance in echo <i>TBA</i>
12.00–12.20pm	Venous insufficiency beyond the CVI study <i>Kathryn Busch</i>	Role of sonography in patient management <i>Dr Rob Reid</i>			
12.20–12.40pm	What surgeons want from a duplex scan <i>Dr Stephen Bradshaw</i>			12.00–12.30pm	Strain analysis in practice <i>Arnold Ng</i>
12.40–1.00pm	Perforator incompetence after treatment – is it relevant <i>Jason Paige</i>			12.30–1.00pm	Panel discussion – Strain analysis imaging examples
1.00–2.00pm	LUNCH IN THE TRADE SHOW				



TIME	WORKSHOP 5A	WORKSHOP 5B	WORKSHOP 5C	WORKSHOP 5D
	5A PHILIPS TRADE WORKSHOP	5B Mesenteric arteries: what to scan, technique and interpretation – Warren Lewis	5C Wrist ligaments – Le-Anne Grimshaw	5D RLQ and beyond – Beth Williams
8.30–9.30am	Philips general imaging ultrasound products offer superb image quality for diagnostic confidence, automated quantification, and workflow solutions to enhance throughput. So you can focus more on what matters most, your patients. PHILIPS sense and simplicity	The title says it all! How to assess the coeliac, superior and inferior mesenteric arteries for atherosclerotic disease and median arcuate ligament compression of the coeliac artery trunk. Description of fasting waveforms, velocities and post prandial assessment.	This workshop will be an adjunct to the presentation on wrist ligaments. There will be live scanning of the ligaments in the wrist which are commonly injured. This includes the dorsal scapho-lunate, luno-triquetral and radio-carpal ligaments, as well as the TFCC. Delegates will be given the opportunity to scan these ligaments.	A common request encountered is the right lower quadrant (RLQ) examination, a prospect that may be met with apprehension. A methodical approach of scanning the RLQ will be introduced, ensuring even the most obscure pathology isn't overlooked. We will review the clinical questions 'behind' the information on the referral, and cover possible findings.
9.30–10.30am		5E Renal artery assessment: More than just renal artery stenosis – Warren Lewis	5F Sonography of the breast – Jenny Parkes	5G Anterior and posterior compartment: Pelvic floor with live scanning – Prof. Richard Reid and TBA
		This workshop will give lots of tips to assess the renal arteries from their origin to the kidney for assessment of stenosis caused by atherosclerotic disease or fibromuscular dysplasia. Doppler waveforms from the renal and kidney arteries also assists in diagnosing nephrosclerotic disease.	This workshop will extend the basic knowledge of breast sonography to include: additional scanning positions eg rolled nipple, erect/oblique positioning to correlate to mammography; techniques for ultrasound correlation with MRI for biopsy and; extended axillary lymph node scanning for higher level node imaging in breast cancer.	Prolapse surgery is a very challenging task, even in experienced hands. Modern transperineal ultrasound can now clearly visualise any abnormal displacements of bladder, urethra, rectum and levator ani muscles in real time, providing the surgeon with a concrete mental image of what support defects need fixing.

TIME	WORKSHOP 6A	WORKSHOP 6B	WORKSHOP 6C	WORKSHOP 6D	WORKSHOP 6H
	6A Introductory nuchal translucency – Vanessa Pincham	6B TOSHIBA TRADE WORKSHOP	6C Third trimester Doppler – Ann Quinton	6D Sonography of the paediatric appendix – Lino Pioitto	6H INSIGHT–SAMSUNG MEDISON TRADE WORKSHOP
11.00–12.00pm	This introductory workshop will cover issues including image assessment, equipment optimisation, early fetal morphology and pitfalls in performing this measurement. Correct NT technique is essential to both the novice and experienced sonographer, ensuring accuracy in screening.	Toshiba's focus is making ultrasound equipment with high image quality, simple, intuitive operation and innovative new applications. We support our customers with industry leading support, education and service. Take a closer look at Toshiba if you're interested in diagnostic confidence, ergonomics and productivity. TOSHIBA Leading Innovation >>>	This workshop will review the how, when and why of vessels that can be assessed in the third trimester fetus as an indicator of well-being including techniques and machine settings necessary for optimal Doppler evaluation. The vessels include umbilical artery, middle cerebral artery, ductus venosus, umbilical vein and uterine arteries.	Sonographic visualisation of the normal and abnormal appendix can be achieved in most paediatric patients. This presentation will describe the technique required to locate the normal appendix and describe the sonographic features encountered in patients with acute appendicitis.	InSight–Samsung Medison trade workshop  SAMSUNG MEDISON
12.00–1.00pm	6E Advanced nuchal translucency – Vanessa Pincham		6F Managing patient anxiety in the obstetric setting – Alison Clarke	6G Sonography of the paediatric appendix – Lino Pioitto	
	This workshop will discuss the issues and pitfalls that may affect even the most experienced operator. The 11–14 week scan now encompasses more than just the NT measurement. Additional markers including nasal bone, Tricuspid Valve and Ductus Venosus assessment may reduce the false positive rate of first trimester screening. Assessment of the DV and TV may also identify at risk groups for cardiac anomalies and/or adverse pregnancy outcome.		The aim of this workshop is to gain insight into possible sources of patient anxiety and ways they may manifest during obstetric ultrasound examinations. Alison will draw on extensive experience in counselling women who have experienced a pregnancy loss, and will discuss practical techniques on how to alleviate anxiety.	Sonographic visualisation of the normal and abnormal appendix can be achieved in most paediatric patients. This presentation will describe the technique required to locate the normal appendix and describe the sonographic features encountered in patients with acute appendicitis.	



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- Mentor of the Year
- Trainer of the Year
- Researcher of the Year
- Graduate Sonographer of the Year
- Employer of the Year



Saturday PM

26 May 2012

DAY TWO SATURDAY 26 MAY 2012 PM					
SESSION 7 2.00–3.30pm	PLENARY 7A	PLENARY 7B	PLENARY 7C	TIME	CARDIAC DAY
	7A Gynaecological imaging	7B What's happening in your profession?	7C Abdominal Vascular		
2.00–2.20pm	3D Sonography in a gynaecological outpatient setting Margaret Condon Ultrasound and biochemistry of PCOS Dr Chris Copeland	<i>Stay informed. The ASA will discuss the latest developments in the issues affecting the sonography profession. Further details available in March 2012</i>	Vascular surveillance of the transplanted kidney – An original study Kathryn Busch	2.00–2.50pm	LA function beyond maximal LA volume Assoc. Prof. Walter Abhayaratna
2.20–2.30pm					
2.30–2.50pm					
2.50–3.00pm	Uterine veins: A case study Rob McGregor		AV Fistulas causes of dysfunctional haemodialysis access Virginia Makeham	2.50–3.30pm	LA function as a prognosticator Dr Rajeev Pathak
3.00–3.10pm			Endoluminal aortic graft follow-up assessment in the general/vascular practice Warren Lewis		
3.10–3.30pm					
3.30–4.00pm	AFTERNOON TEA				
SESSION 8 4.00–5.30pm	PLENARY 8A	PLENARY 8B	PLENARY 8C	TIME	CARDIAC DAY
	8A Special Interest	8B MSK – Forefoot and plantar foot	8C Head and neck sonography		
4.00–4.20pm	Pelvic floor – The modern aspects of pelvic organ prolapse Prof. Richard Reid	The foot and ankle Paul Fleet	Eye sonography Dr Rohan Essex	4.00–5.30pm	Live scanning of practice analysis Emerging technologies quiz
4.20–4.30pm					
4.30–4.40pm			The plantar foot Steve Bird		
4.40–4.50pm	A day in the life of a perinatal pathologist Dr Jane Dahlstrom	Metatarsalgia/plantar/sesamoiditis Dr Julie Gregg	Intraoperative sonography: Cyst removal in cervical spine Dr Justin Pik		
4.50–5.00pm					
5.00–5.10pm					
5.10–5.30pm	From sonography to medicine – the pros and cons Dr Carl Henman				
7.00pm–late	CONFERENCE and AWARDS OF EXCELLENCE GALA DINNER – FIRE AND ICE				

PD-asa – the CPD program for sonographers

- PD-asa Essentials
- PD-asa Endeavour
- PD-asa Extension

TIME	WORKSHOP 7A	WORKSHOP 7B	WORKSHOP 7C	WORKSHOP 7D
2.00-2.45pm	7A Fetal heart (introductory) – Ann Quinton	7B Ankle sonography (introductory) – Daniel Walkley	7C GE TRADE WORKSHOP	7D Shoulder sonography (introductory) – Lisa Briggs
2.45-3.30pm	7E Fetal heart (advanced) – Martin Necas	7F Ankle sonography (advanced) – Daniel Walkley		7G Post-operative shoulder sonography – Lisa Briggs
	This advanced fetal echocardiography workshop will review the major cardiac abnormalities including septal defects, conotruncal abnormalities, hypoplastic and univentricular hearts, dextroposition, coarctation, valvular dysfunction and arrhythmias.	Demystifying the deltoid components, put a spring back into the spring ligament, understanding and imaging of POMI syndrome and posterio-lateral nodular synovitis. Add that little bit extra to your ankle examinations.		This workshop is designed to help diagnose the integrity of the supraspinatus tendon once it has been repaired. Sutures and anchors sites will be explained and demonstrated both ultrasonically and with X-rays. Tendon integrity will be thoroughly examined and discussed in detail. Normal post-operative appearances will be shown from eight days post up to six months post surgery.
	WORKSHOP 8A	WORKSHOP 8B	WORKSHOP 8C	WORKSHOP 8D
	8A 3D Gynaecological imaging – Jennifer Alphonse	8B Haemodialysis access: Pre and post evaluation – Virginia Makeham	8C Intracranial translucency – Dr Meiri Robertson	8D SIEMENS TRADE WORKSHOP
4.00-4.45pm	This workshop aims to go over the application of both 3D and 4D sonography in relation to the gynaecological assessment as well as fertility assessment, congenital abnormalities, the difficult uterus, abnormal ovaries, how to reconstruct a volume, endometriosis and hycosy and sonohystogram.	Preoperative Duplex mapping is a method to identify a suitable artery and adequate sized vein to assist the surgeon optimally site an AV Access. Following formation of AV Access, Duplex ultrasound enables interrogation of the dysfunctional circuit, which contributes to failure. Participants will gain protocol and practical tips enabling assessment and interpretation of findings.	Intracranial translucency (IT) have first been described in 2009 and its association with open neural tube defects, in particular spina bifida. Prospective studies have now been published looking at incorporating IT as part of a comprehensive assessment in the first trimester. There is also renewed interest in alpha-feto protein (AFP) to be included as a screening tool for both aneuploidy and open spina bifida. This workshop will cover first trimester brain development, and techniques for achieving this measurement as well as looking at biochemical markers.	Siemens offers cutting-edge healthcare technologies to aid in the early detection and prevention of diseases. From diagnostic imaging, clinical information systems, workflow and patient management, consultancy services, laboratory diagnostics, cancer treatment systems and preventative maintenance, Siemens is the world's first full-service diagnostics company, leading the advancement of personalised healthcare.
4.45-5.30pm	8E 18-20 Week morphology – Jennifer Alphonse	8F Leg arteries: From aorta to ankles – Alison Burnett	8G Uterine artery Doppler – Deb Paoletti	
	The morphology scan is still challenging for even the most experienced sonographers. Advancements in technology have improved resolution and with the advent of 3D/4D sonography, fetal abnormalities can now be assessed more thoroughly and diagnosed with more confidence. This workshop aims to re-visit the standard morphology scan and extend to demonstrate how 3D/4D sonography can improve and aid the sonographer.	From basics of anatomy to waveform assessment, colour integration and the principles of pulsed wave and or continuous wave requirements of the documentation and summation of the arteries from the aorta into the 'and femoral's, popliteal's and calf ankle arteries.	Sonographers are becoming increasingly aware of the role of uterine artery Dopplers in predicting pre-eclampsia, resulting in this often being requested as part of the routine mid trimester scan. This workshop will describe the utility of this measurement, and scanning techniques for achieving it. This is aimed at those interested in extending the basic mid trimester scan.	

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Time to rethink how you manage your CPD in 2012



Sunday AM

27 May 2012

DAY THREE SUNDAY 27 MAY 2012 AM		
SESSION 9 9.00–10.30AM	PLENARY 9A	PLENARY 9B
	9A Obstetric – 3rd Trimester	9B Breast Sonography
9.00–9.20am	Doppler and the SGA baby <i>Martin Necas</i>	Breast ducts and paediatric breast <i>Dr Wes Cormick</i>
9.20–9.40am	Preventing the tragedy of late stillbirth <i>Prof. David Elwood</i>	Breast imaging – a surgeon’s perspective <i>Dr Carolyn Cho</i>
9.40–9.50am		Tips for performing targeted ultrasound after breast MRI <i>Dr Jeremy Price</i>
9.50–10.00am	Pathology of the placenta and implications for the fetus <i>Dr Jane Dahlstrom and Dr Meiri Robertson</i>	
10.00–10.30am		Panel discussion session: Breast sonography vs MRI <i>Dr Wes Cormick, Dr Jeremy Price, Dr Brendan Cranney</i>
10.30–11.00am	MORNING TEA IN THE TRADE SHOW	
SESSION 10 11.00–12.30pm	PLENARY 10A	PLENARY 10B
	10A Vascular – Arterial	10B MSK – Lower Limb
11.00–11.20am	Arterial scanning – Velocity criteria for endovascular intervention <i>Jason Paige</i>	Athletic pubalgia <i>Le-Anne Grimshaw</i>
11.20–11.30am	Arterial lower limb – The gambler – hit or miss	
11.30–11.40am	<i>Alison Burnett</i>	Gluteals, hip rotators, and sciatic nerve <i>Rob McGregor</i>
11.40–12.00pm	Carotid plaque morphology: Is it important? <i>Assoc. Prof. David Hardman</i>	
12.00–12.30pm	Vascular trauma <i>Jacqui Robinson</i>	Hamstrings <i>TBA</i>
12.30–1.30pm	LUNCH IN THE TRADE SHOW	
SESSION 11 1.30– 3.00pm	PLENARY 11 – CLOSING PLENARY	
1.30–2.30pm	Presentation TBA	
2.30–2.50pm	Award presentation and scientific quiz presentation	
2.50–2.55pm	Introducing ASA2013 Sydney	
2.55–3.00pm	Major prize draw and conference close	



TIME	WORKSHOP 9A	WORKSHOP 9B	WORKSHOP 9C	WORKSHOP 9D
	9.00–9.45am	9A Neonatal hip sonography – Lino Piotto Sonography has become the imaging modality of choice for the investigation of neonatal hips. This presentation will describe the anatomy of the neonatal hip, technique required for neonatal hip sonography, including the measurements commonly taken and technique pitfalls. The criteria used in assessing the hip will also be covered.	9B Plantar foot sonography – Steve Bird If you are guilty of a three minute plantar fascia examination which may or may not answer the patients real clinical problem, or if the under side of the foot (the dark side of the foot) simply scares you, then this is a workshop worth considering.	9C Renal artery transplant assessment – Kathryn Busch The role of colour duplex ultrasound (CDU) imaging following renal transplantation is recognised as a reliable imaging modality. CDU can reliably detect vascular complications such as renal artery kinks, stenoses, false aneurysms and iliac disease which may affect transplant longevity. This presentation will describe CDU imaging techniques including waveform analysis to achieve optimal diagnostic results.
9.45–10.30am	9E Transvaginal imaging in an IVF setting – Jane Fonda The tricks to successful endovaginal scanning come with experience. This workshop will describe the reference points used to obtain pelvic anatomic structures and their orientation.	9F Sonography of the upper limb nerves – Steve Bird This workshop will review the role of ultrasound in a variety of upper limb nerve entrapment syndromes. Upper limb nerve entrapment syndromes are a relatively common phenomenon and often lead to lost productivity as a work related condition. Ultrasound has the ability to directly visualize nerves in the upper limb from the brachial plexus to the fingers.	9G Endoluminal aortic graft: Follow-up assessment in general/vascular practices – Warren Lewis Bifurcated endoluminal aortic grafts are an increasing common treatment for AAA. This workshop will give you a step-by-step guide to assessment of the graft, types of endoleaks and assessment of the aneurysm sac for endoleaks.	9H Athletic pubalgia – Le-Anne Grimshaw This workshop will cover the continuum of injuries which may present in an athlete with intermittent or ongoing groin pain. Scanning techniques for inguinal and spigelian hernias, muscle and tendon trauma and the ilioinguinal nerve will be covered.

TIME	WORKSHOP 10A	WORKSHOP 10B	WORKSHOP 10C	WORKSHOP 10D
	11.00am–11.45pm	10A Liver segments made easy – Stephen Short This workshop aims to provide practical education in scanning liver segments to students and intermediate level Sonographers. Following a small presentation, delegates will have the opportunity to practice the scanning techniques required to ensure a full understanding of delineating the eight individual segments of the liver.	10B Sonography of the salivary gland – Jenny Parkes This workshop is aimed at those new to salivary gland sonography. Scan techniques will be demonstrated and commonly seen pathology will be discussed. Opportunity will be provided for sonographers to practice intra-oral scanning.	10C Emergency abdominal sonography – Paula King The emergency department is often the front line of any busy imaging department. A place for limitless pathology. In this workshop we can look at some scan techniques, clinical examination and patient questioning which can direct the sonographer to provide the most useful outcome to both patient and referrer.
11.45–12.30pm	10E 18–20 Week morphology – Jennifer Alphonse The morphology scan is still challenging for even the most experienced sonographers. Advancements in technology have improved resolution and with the advent of 3D/4D sonography, fetal abnormalities can now be assessed more thoroughly and diagnosed with more confidence. This workshop aims to re-visit the standard morphology scan and extend to demonstrate how 3D/4D sonography can improve and aid the sonographer.	10F Sonography of the breast – Jenny Parkes This workshop will extend the basic knowledge of breast sonography to include: additional scanning positions eg rolled nipple, erect/oblique positioning to correlate to mammography; techniques for sonographic correlation with MRI for biopsy and; extended axillary lymph node scanning for higher level node imaging in breast cancer.	10G Sonography of the hamstrings – Steve Bird This workshop will present a logical and easy to remember method for hamstring assessment which will allow you to leave the anatomy book on the shelf and provide you with certainty as to your exact anatomical location at all times. A range of pathology will be explored including subtle myofascial injuries which are easily overlooked. Grading of injuries and the appearance of DOMS will also be discussed.	10H WH&S – Safety doesn't happen by accident – Catherine Robinson Formerly known as OH&S, this Workplace Health and Safety workshop will explore current federal and state legislation, risk management, the consultation process and making our busy sonography practices safer for sonographers and patients. Demonstration of correct scanning posture and stretching techniques are included to deal with ergonomics and reducing workplace injury.

Not a member, not a problem

Join the ASA today and receive the discounted member rate to attend ASA2012 Canberra

Visit www.a-s-a.com.au for more information and a membership application form.



Delegate Information

Venue

From its familiar symbols of Australian nationhood to its regional wineries and historic townships, Canberra has something special to offer everyone. Beyond Canberra's more famous attractions, the city unfolds into a vibrant mix of restaurants, nightclubs, museums and galleries. Growing urban centres are lined with trendy cafes and boutique shopping, while weekend markets overflow with the freshest regional produce and local wines. Walkers and cyclists tackle the trails in the many local parks that wind their way through the city.

One of Australia's few planned cities, Canberra is a place where architectural style complements the beauty of the surrounding Australian bush. Located on the ancient lands of the traditional owners, the Ngunnawal people, Canberra is thought to derive its name from the Aboriginal word Kamberra or 'meeting place'.

National Convention Centre

31 Constitution Avenue
 Canberra ACT 2601
www.nccc.com.au/contact-us/

Getting there

With a comprehensive range of air, bus and rail services, travelling to Canberra and the exhibition centre is easy. Once in Canberra, visitors can ride on ACTION buses, catch a taxi or drive themselves on the Australian Capital Territory's efficient road network. Delegates will find that Canberra is a straightforward and stress-free city to drive around.

From the airport

The National Convention Centre, situated in the city centre is just a 15–20 minute drive from the airport.

Car parking

Parking is available beneath the National Convention Centre at a cost of \$13.00 per vehicle per day (up to a maximum of 10 hours) or \$7.00 per four hours. Weekend and after hours car parking is available at the Centre for only \$2.00. The National Convention Centre car park can be entered off Constitution Avenue. There is internal lift access from the car park entry level to both levels of the Convention Centre.

Taxis

Canberra Cabs: Phone: 13 22 27 or SMS your name, pickup address and time to be collected to 0417 672 773. For wheelchair bookings phone: 02 6126 1596.

Cabxpress: Phone: 6260 6011. For wheelchair bookings phone: 02 6260 6077.

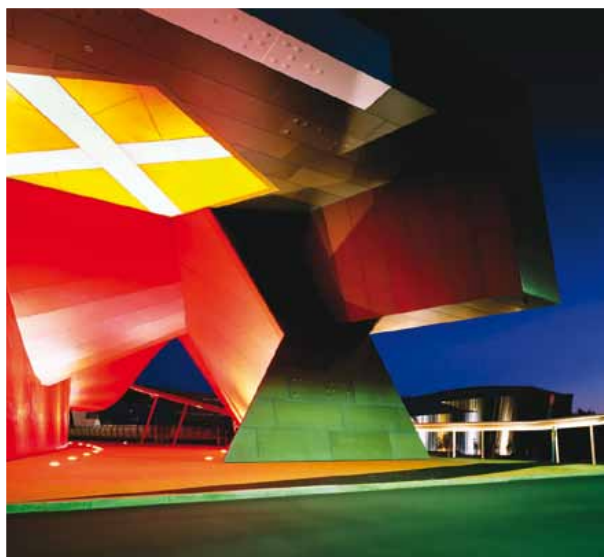
Silver Service: Phone: 13 31 00. This premium service features luxury sedans and 7 seater vans, accredited silver standards, and guaranteed delivery times for with bookings.

All companies accept credit cards and electronic funds transfer.

Refund policy

A full refund (less \$100 administration fee) will be granted if written notification is received on or before 31 March 2012.

A 50% refund will be granted if written notification is received between 1 April 2012 and 30 April 2012. From 1 May 2012 no refunds will be granted.



Accreditation

PD-asa/CPD points will be awarded as follows for the meeting:

Full registration	16.5
Friday registration	5.0
Saturday/Cardiac Day registration.	7.0
Sunday registration	4.5
Attendance at AGM	0.5
Masterclass	6.5

Accommodation

Visit <http://www.nccc.com.au/locationMap/index.html> for an interactive view of NCC recommended hotels and their proximity to the NCC.

You may also like to visit accommodation booking websites such as checkin.com.au, wotif.com or www.visitcanberra.com.au

Registration inclusions

The full registration includes:

- three-day meeting
- entry to plenary and workshop sessions
- the Book of Proceedings
- conference satchel
- catering including morning and afternoon tea and lunch each day
- entry to the all social functions.

The Friday, Saturday or Sunday only registration includes:

- one-day meeting
- catering including morning and afternoon tea and lunch on the day of registration
- entry to plenary and workshop sessions on the chosen day
- the Book of Proceedings
- conference satchel.

New to ASA2012 Canberra – Saturday registrants have access to a package which includes attendance at the gala dinner.

Register online at www.a-s-a.com.au/asa2012-canberra to receive immediate confirmation of your workshop selections.

Terms and Conditions: **1.** ASA Ltd reserves the right to alter the published program or to cancel or change event components or substitute services without notice. **2.** If the ASA cannot hold the seminar/event due to Acts of God, war, government regulations, disaster, strikes or other events outside of our control, all attendees will receive a copy of the Book of Proceedings and any other materials that would have been distributed. Fixed conference expenses will be paid from registration funds and any remaining funds will be refunded to delegates. **3.** ASA Ltd is not responsible for any other costs incurred in connection with attending the seminar/event and strongly recommends the purchase of insurance. ASA Ltd assumes no liability whatsoever for injury, damage, or loss other than to the minimum extent required by law. **4.** Registrations will not be processed, nor will workshop places be reserved until full payment is received. **5.** Registrants will be liable for payment in the event of non-attendance unless cancellation or request for transfer is made in accordance with Clause 6. **6.** Registration may be cancelled, less a \$100 administration fee if written notification is received on or before 31 March 2012. A 50% refund will be granted if written notification is received between 1 April 2012 and 30 April 2012. From 1 May 2012 no refunds will be granted

Further enquiries

If you have any further enquiries please contact the ASA National Office:

P: 03 9585 2996

E: meetings@a-s-a.com.au

Not a member, not a problem

For membership

E: members@a-s-a.com.au





ASA Masterclass Series

Thursday 24 May 2012, 9am–5pm
Crowne Plaza Hotel, Canberra

Designed to address the non-clinical challenges for sonographers managing in the modern environment. Select from:

● **Research and the sonographer**

Participants will be provided with an overview of Evidence Based Practice. They will gain skills in asking an answerable clinical question, access, appraise and apply evidence into clinical practice. Participants will be provided with an overview of qualitative and quantitative research designs, with particular attention towards assessing psychometric properties of measurements and protocols.

● **Leadership and training development**

Sonographers often mentor or train students in their workplace. Designed specifically with the sonographic workplace in mind, the skills needed to undertake an effective leadership and training role are at the core of this ASA Masterclass. This is interactive seminar comprising discussions, self-appraisal and skills practice exercises.

● **Dealing with difficult situations**

Designed specifically for sonographers, this ASA Masterclass addresses a range of issues and situations sonographers are likely to experience as part of their job, including the personal effect on the sonographer. Delegates will work towards developing group-devised strategies based on their own experiences, and facilitated by a skilled presenter, familiar with clinical environments.



Register now at www.a-s-a.com.au

Registration Form

(Please use block letters and ensure you complete both sides of this form)

Title: Mr Mrs Miss Ms Prof. Dr

Given name(s): _____ Family name: _____

Preferred name (for badge): _____ Workplace (for badge): _____

Address (for receipt) h / w: _____

City: _____ State: _____ Post Code: _____ Country: _____

Phone h / w: _____ Mobile: _____ Email: _____

Special dietary requirements: _____

Do you have any special needs (wheelchair access, visual/audio impairment, etc.): Yes No

Please specify: _____

Will you be attending Cardiac Day: Yes No

Please tick the appropriate category and enter the registration fee in the Amount Due column. The Australian Sonographers Association is registered to collect GST – ABN 64 991 983 051. All amounts quoted in \$AUD include 10% GST – a tax invoice/receipt will be issued on receipt of registration monies.

		ASA MEMBERS	ASA STUDENT	NON-MEMBERS	AMOUNT DUE
THURSDAY ASA MASTERCLASS	Research and the sonographer	<input type="checkbox"/> \$475	<input type="checkbox"/> \$425	<input type="checkbox"/> \$600	\$ <input type="text"/>
	Leadership and training development	<input type="checkbox"/> \$475	<input type="checkbox"/> \$425	<input type="checkbox"/> \$600	\$ <input type="text"/>
	Dealing with difficult situations	<input type="checkbox"/> \$475	<input type="checkbox"/> \$425	<input type="checkbox"/> \$600	\$ <input type="text"/>
FULL REGISTRATION Includes all plenary sessions, two workshops and all social functions	Early bird closes Friday 16 March 2012	<input type="checkbox"/> \$890	<input type="checkbox"/> \$800	<input type="checkbox"/> \$1150	\$ <input type="text"/>
	Standard: 17 March – 1 May 2012	<input type="checkbox"/> \$1010	<input type="checkbox"/> \$905	<input type="checkbox"/> \$1300	\$ <input type="text"/>
	Late: 2 May 2012 onwards	<input type="checkbox"/> \$1120	<input type="checkbox"/> \$1010	<input type="checkbox"/> \$1450	\$ <input type="text"/>
FRIDAY REGISTRATION Includes plenary sessions, and one workshop	Standard: closes 1 May 2012	<input type="checkbox"/> \$430	<input type="checkbox"/> \$390	<input type="checkbox"/> \$550	\$ <input type="text"/>
	Late: 2 May 2012 onwards	<input type="checkbox"/> \$505	<input type="checkbox"/> \$460	<input type="checkbox"/> \$635	\$ <input type="text"/>
SATURDAY REGISTRATION and Cardiac Day Includes plenary sessions, one workshop and breakfast or attendance to Cardiac Day (*gala dinner – optional extra)	Standard: closes 1 May 2012	<input type="checkbox"/> \$500	<input type="checkbox"/> \$450	<input type="checkbox"/> \$625	\$ <input type="text"/>
	*Standard: including Dinner	<input type="checkbox"/> \$550	<input type="checkbox"/> \$500	<input type="checkbox"/> \$675	\$ <input type="text"/>
	Late: 2 May 2012 onwards	<input type="checkbox"/> \$625	<input type="checkbox"/> \$565	<input type="checkbox"/> \$785	\$ <input type="text"/>
	*Late: including Dinner	<input type="checkbox"/> \$675	<input type="checkbox"/> \$615	<input type="checkbox"/> \$835	\$ <input type="text"/>
SUNDAY REGISTRATION Includes plenary sessions and one workshop	Standard: closes 1 May 2012	<input type="checkbox"/> \$430	<input type="checkbox"/> \$390	<input type="checkbox"/> \$550	\$ <input type="text"/>
	Late: 2 May 2012	<input type="checkbox"/> \$505	<input type="checkbox"/> \$460	<input type="checkbox"/> \$635	\$ <input type="text"/>
WELCOME DRINKS: FRIDAY 25 MAY 2012	Number of extra tickets required: <input type="text"/>		@ \$70 per person		\$ <input type="text"/>
FIRE AND ICE DINNER: SATURDAY 26 MAY 2012	Number of extra tickets required: <input type="text"/>		@ \$135 per person		\$ <input type="text"/>
Total amount: \$					<input type="text"/>

PAYMENT METHOD

Cheque or money order payable to Australian Sonographers Association Ltd enclosed (Australian currency only); or

Please charge my credit card for all fees applicable to the options selected: Visa MasterCard

Card No.: _____ / _____ / _____ CVC#: _____ Expiry Date: _____ / _____

Cardholder's name (block letters): _____ Signature : _____

Registration form



REGISTER ONLINE AT www.a-s-a.com.au/asa2012-canberra to secure your workshop selections OR

Complete this registration form and return with payment to Australian Sonographers Association
PO Box 709 Moorabbin VIC 3189 or fax to 03 9585 2331.

- I have read and understand the full Terms and Conditions as stated on the Australian Sonographers Association website www.a-s-a.com.au/asa2012-canberra.
- I do not wish to attend any workshops.
- I do not wish to have my details (name, workplace and state) included in the circulated delegates list.
- I am not a member of the ASA and I do not wish to be contacted regarding any future ASA events or other networking opportunities.

WORKSHOPS – SELECT YOUR PREFERENCES FROM 1–6

FRIDAY 25 MAY 2012

2pm – 60 mins

- 3A Top 10 clinical tests
- 3B Lateral hip and buttock sonography
- 3C Deep and superficial venous incompetence – the whole perspective
- 3D Carotids and the upper limb – from basic to beyond

3.30pm – 45 mins

- 4A CEUS: An introduction to liver contrast examination
- 4B Fetal heart (introductory)
- 4C Sonography of the paediatric brain
- 4D Sonographer self preservation and best practice

4.15pm – 45 mins

- 4E Ankle brachial index
- 4F Managing patient anxiety in the obstetric setting
- 4G Sonography of the paediatric brain
- 4H RLQ and beyond

SATURDAY 26 MAY 2012

8.30am – 60 mins

- 5B Mesenteric arteries – what to scan, technique and interpretation
- 5C Wrist ligaments
- 5D RLQ and beyond

9.30am – 60 mins

- 5E Renal artery assessment – more than just renal artery stenosis
- 5F Sonography of the breast
- 5G Arterial and posterior compartment – pelvic floor with live scanning

11am – 60 mins

- 6A Introductory nuchal translucency
- 6C Third trimester Doppler
- 6D Sonography of the paediatric appendix

12pm – 60 mins

- 6E Advanced nuchal translucency
- 6F Managing patient anxiety in the obstetric setting
- 6G Sonography of the paediatric appendix

2pm – 45 mins

- 7A Fetal heart (introductory)
- 7B Ankle sonography (introductory)
- 7D Shoulder sonography (introductory)

2.45pm – 45 mins

- 7E Fetal heart (advanced)
- 7F Ankle sonography (advanced)
- 7G Post-operative shoulder sonography

4pm – 45 mins

- 8A 3D Gynaecological imaging
- 8B Haemodialysis access – pre and post evaluation
- 8C Intracranial translucency

4.45pm – 45 mins

- 8E 18–20 Week morphology
- 8F Leg arteries – from aorta to ankle
- 8G Uterine artery Doppler

SUNDAY 27 MAY 2012

9am – 45 mins

- 9A Neonatal hip sonography
- 9B Plantar foot sonography
- 9C Renal artery transplant assessment
- 9D Top ten clinical tests

9.45am – 45 mins

- 9E Transvaginal imaging in an IVF setting
- 9F Sonography of the upper limb nerves
- 9G Endoluminal aortic graft – follow up assessment in general/vascular practice
- 9H Athletic pubalgia

11am – 45 mins

- 10A Liver segments made easy
- 10B Sonography of the salivary gland
- 10C Emergency abdominal sonography
- 10D The cervix and the placenta

11.45am – 45 mins

- 10E 18–20 Week morphology
- 10F Sonography of the breast
- 10G Hamstrings
- 10H WH&S – Safety doesn't happen by accident

SATURDAY 26 MAY 2012 TRADE WORKSHOPS

8.30am

- 5A Philips Trade Workshop

11am

- 6B Toshiba Trade Workshop
- 6H InSight-Samsung Medison Trade Workshop

2pm

- 7C GE Trade Workshop

4pm

- 8D Siemens Trade Workshop

Register and pay to secure your workshop choice immediately. When registering, please indicate your preference by writing 1–6 next to your workshop choice.

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