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the newsletter of the australasian sonographers association

**soundeffects**  
news





# from the editor



Welcome to the first issue of *soundeffects news* for 2016. I hope you've had a healthy and productive start to the year.

With ASA2016 Melbourne fast approaching, we are pleased to provide a printed conference program on page 8. As expected, there will likely be a number of last minute changes. You can always find the latest version of the program on the ASA website.

As always, the program is world-class and comprehensive. This year it has been expanded to offer more sessions than ever before!

I encourage you to start planning your conference experience and to download the conference app to help you do this. On Saturday afternoon I will be presenting on 'Peer reviewing for *Sonography*'. The presentation will give attendees information on how to review manuscripts and will also be of interest to potential authors to help them ensure their manuscripts meet the author guidelines requirements.

You'll find the new ePoster guidelines on page 14. ASA conferences (and, in fact, most conferences now) are no longer exhibiting printed posters, so these guidelines will help ensure that all submissions are in the correct format.

Also, in this issue we profile the effervescent Dr Gillian Whalley, the new Executive Director of the ASA's Institute of Diagnostic Ultrasound (IDU). Gillian has been very busy, both professionally and personally (see page 18).

The IDU is an exciting new initiative for the ASA. As Executive Director, Gillian will have overall responsibility for the management and leadership of the IDU. Later in the year we will bring you more information on the courses to be offered.

I hope you enjoy reading this issue of *soundeffects news*.

Glenda McLean  
Editor  
editor@a-s-a.com.au

the newsletter of the australasian sonographers association  
**soundeffects news**

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## EXCELLENCE IN SONOGRAPHY



# ASA2016 MELBOURNE



THE 23RD ANNUAL INTERNATIONAL CONFERENCE OF  
THE AUSTRALASIAN SONOGRAPHERS ASSOCIATION  
Melbourne Convention and Exhibition Centre, 13-15 May 2016



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## president's message

Happy New Year! I am delighted to be writing my first report as ASA president and reflecting on the success of 2015. I am excited about the year ahead of us and I feel very fortunate to be given the opportunity to serve as president. I would like to publicly thank both Ann Quinton and Sarah Colley for the effort and time they have contributed as president and vice-president of the association over the past 12 months and hope we can build on all that was achieved during that time.

2015 was a stellar year for the ASA with the launch of several large initiatives, most notably the Member Value Package. Launched at the annual international conference ASA2015 Perth, the package saw a reduction in insurance premiums for members and free CPD opportunities, while ensuring that membership fees remained capped. Since the announcement, online attendance of webinars has been overwhelming with over 6000 registrants, including just over 1200 registrations for Greg Lammer's MSK webinar. This highlights that members have a clear appetite for professional development and the ASA is committed to increasing the quality and quantity of these offerings moving into 2016.

Many of the ASA initiatives have been in direct response to member feedback. Increased offerings of CPD, included in the cost of membership, is certainly one example of this. The move for registration of the profession has been one of the highest priorities identified in member surveys, future directions forums and discussion at the conference booth for as long as I can remember. Professional registration is regularly commented on

in social media and the vast majority of members see this as a crucial step in the advancement of our profession. Unfortunately, though, impending change also brings out the loudest resistance. Paradoxically, this is often from members that have been screaming the loudest for the change in the first place. For the profession to continue to move forward there will need to be further change, which may also carry an increase in our professional responsibility. As an example, the benefits to registration are immense, but we will need to have some consideration given to raising the standard of several aspects of the profession for this to occur. Put simply, our current CPD requirements of 40 points per triennium are well below other registered health professions who all require 60 points per triennium. I would hope that members see this as an acceptable adjustment to our standards.

The success of the webinars is an overwhelming display of member commitment to professional development and an appetite for more education this coming year. Many of the barriers to obtaining CPD have been removed and the task of reaching 20 points per year is now far less onerous. I hope that the voice of the majority moving us forward is louder than those resisting such a modest increase in minimum professional standards. Our collective voice will be needed to drive these changes and influence relevant policy makers. I also encourage all members to take part in surveys, requests for feedback and take the opportunity to chat with me and other ASA staff and directors at the conferences. The members drive our profession and the direction of the ASA.



Significant change happens slowly and many people have worked tirelessly to make the gains we have seen recently. It is easy not to notice the immense work that goes on beneath the surface to achieve what we have. I would like to thank the ASA staff, under the guidance of Stephen Duns, for continuing to drive these initiatives.

Don't forget to mark 13–15 May in your calendars for the annual conference ASA2016 Melbourne and 10–11 September for SIG2016 Queenstown, New Zealand this year. They are shaping up as being amazing meetings with great speakers, sessions and opportunities for catching up with colleagues. I am sure many people will no doubt combine the SIG with a much-needed holiday in New Zealand. I look forward to seeing you all at these events!

Tony Forshaw, President  
president@a-s-a.com.au

### soundbite

**Q.** I would like some of the old ASA instructional posters to put up in my workplace. Are they available to purchase?

**A.** You can purchase the posters from the ASA online shop. They are \$20 for one or \$15 each for four or more posters. Order from [www.a-s-a.com.au/Resources/OrderForm/?c=174&t=asa-online-shop](http://www.a-s-a.com.au/Resources/OrderForm/?c=174&t=asa-online-shop)



# ceo's report

I trust you have all registered for our annual international conference in Melbourne in May. If not, please do so soon. With an impressive line-up of speakers and a world-class program covering all streams, this event is not to be missed!

Thanks so much to those of you who responded to our Member Survey in December. The detailed feedback we received from you about the services we offer is important and valuable because it will guide the focus of our services this year. Members identified enhancing the role of the profession and continued promotion and advocacy for the highest professional standards as the most important goals in our strategic intent.

In addition, the free CPD program we introduced in July last year was recognised as a highly valued member benefit. Branch Education Meetings remain an important source of CPD, and **asawebinars** are becoming increasingly valuable as a flexible learning option because they are delivered by highly experienced subject matter experts and extend the reach of training to all members, no matter their location. Attendances are exceeding our expectations: we have

had record numbers of registrations for **asawebinars** and a consistently high number of people participating.

Members said they would like to see an increase in online CPD opportunities and this is something we will certainly be exploring. Please be reassured that 'free' does not mean 'cheap'. We are always striving to improve the quality and relevance of our CPD program.

I'm delighted that more than 90% of survey respondents believe their ASA membership offers value for money and 98% would recommend an ASA membership to other sonographers.

Our strategic intent includes a focus on enhancing the scope of the profession. To that end, one clear and tangible initiative is the ASA's new Postgraduate Certificate in Ultrasound Guided MSK Interventions, which begins this month. There has been very strong interest in advanced education, so we are deeply disappointed in the response from RANZCR at the end of last year. A position statement from RANZCR was publicly released without any consultation or collaboration with the ASA and reflects a misunderstanding of the practice model of the Postgraduate



Certificate in Ultrasound Guided MSK Interventions and a lack of support for an important health system change which improves public access to safe and quality diagnostic imaging services by building the capacity of the diagnostic imaging workforce.

We continue to maintain a collaborative approach and hope they will respond in kind in the future. The postgraduate certificate is the first of its kind in Australia and we wish all of the participants the very best in enhancing their knowledge and skills.

I look forward to speaking in person with many of you at various Branch Education Meetings and, of course, at the Melbourne conference.

As always, I am open to feedback and conversation at any time.

Dr Stephen Duns, Chief Executive Officer  
ceo@a-s-a.com.au



Coming up: Wellington, Canberra, Bunbury, Traralgon and Launceston  
Stay up to date at [www.a-s-a.com.au/Calendar](http://www.a-s-a.com.au/Calendar)

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## Legislational and regulatory reform

Significant legislational and regulatory reform was progressed in 2015. In support of the delivery of the ASA Postgraduate Certificate in Ultrasound Guided MSK Interventions, and the associated extended scope of sonographer practice, the ASA has successfully negotiated for sonographers who work and practise in the states of New South Wales, Queensland and South Australia to be able to administer these restricted drugs where they are undertaking this course and practising under the supervision of a medical practitioner.

Work is continuing with the remaining Australian jurisdictional and New Zealand governments to achieve changes to legislation and/or regulations required for this extended scope of sonographer practice in those locations.

These are important system changes that respond to service and workforce demands by supporting improved community access to quality diagnostic services and the diagnostic imaging professions that deliver these services across Australasia.

For more information on the ASA's Postgraduate Certificate in Ultrasound Guided MSK Interventions, or other key

ASA activities, visit our website or read the latest e-mode member newsletter.

## Raising the profile of the profession

A significant objective of our advocacy work is raising the profile of the profession and recognition of sonographers as the principal providers of medical diagnostic sonography. In collaboration with the NSW Health Services Union (HSU), the ASA published a feature article 'A unique view: The world of sonography' in the HSU's 2015 Summer Edition of its member magazine *Unified*.

In NSW the HSU represents allied health and professional staff, radiography, nuclear medicine, pharmacy, operating theatres, social work, psychology, dietetics, occupational therapy, dentistry, physiotherapy, and junior medical officers in public and private health services, as well as many of the staff employed in aged care and disability services.

This work builds on other advocacy and promotion conducted throughout 2015, including:

- Dr Stephen Duns, ASA Chief Executive Officer, providing a sonography perspective on the future of allied health at a pre-conference panel at the

## James Brooks-Dowsett ASA Policy and Advocacy

National Allied Health Conference in November 2015

- regular consultation and engagement of Australian chief allied health officers and other industry decision-makers
- our critical role representing the profession on many cross-profession and interdisciplinary diagnostic imaging advisory and decision-making committees.

During 2016 we will continue to progress many more new and creative initiatives that raise the profile and recognition of the sonography profession among our communities and other health professions.

To read and share the HSU article 'A unique view: The world of sonography', go to the HSU website [www.hsu.asn.au/unified-magazine/](http://www.hsu.asn.au/unified-magazine/) (page 26).

## Profession guidelines

A vital part of the ASA's dedication to promoting best practice in medical sonography involves producing and providing resources to guide sonographers in their implementation of best practice. In December last year, following significant work and consultation with industry, the ASA released a number of new profession guidelines:

- ASA guideline: Intimate examinations, consent and chaperones
- ASA guideline: A sonographer's guide to clinical supervision
- ASA fast facts: Veins of the lower limb

These complement and build on the ASA's growing body of evidence-based guidelines and protocols, which provide best practice recommendations to sonographers in specific areas of patient consultation and clinical

examinations. The ASA recommends all sonographers adopt these guidelines to ensure that as a respected profession sonographers are consistently delivering the best clinical practice and patient care possible.

Please refer to the ASA website ([www.a-s-a.com.au](http://www.a-s-a.com.au)) under 'Quality practice' to access the latest ASA evidence-based guidelines and protocols. As always, we will notify members through our regular alerts as new and updated profession guidelines become available.

## soundbite

**Q.** I am looking for a new sonographer position. Does the ASA provide any help with finding a job?

**A.** The ASA website has jobs available, sonographers available and students available sections. This is a free service for ASA members. You could also contact one of the corporate members involved in recruitment. Their details are listed on the last page of each issue of *soundeffects news*.

## call for papers

# SONOGRAPHY

THE JOURNAL OF THE AUSTRALASIAN SONOGRAPHERS ASSOCIATION

### Aims and scope

*Sonography* is an international peer reviewed journal and accepts manuscripts on all aspects of sonography and medical ultrasound. It is the official journal of the Australasian Sonographers Association (ASA) and accepts manuscripts from authors around the world. Manuscripts may take the form of original articles, review articles, case report and series, resource reviews, editorial, letters to the editor, commentary and education articles outlining new techniques and equipment.

*Sonography* is published quarterly in March, June, September and December.

### What to publish?

*Sonography* invites the submissions of articles relating to the profession of sonography from the disciplines of: abdomen, breast, cardiac, musculoskeletal, obstetric, gynaecologic, paediatric, small parts and vascular sonography.

### Getting started ...

Visit the ASA website at [www.a-s-a.com.au](http://www.a-s-a.com.au) to view the author guidelines for *Sonography*. These guidelines will assist you to prepare your manuscript to the quality and standard required. All manuscripts are to be submitted and processed online. To submit your manuscript to *Sonography* you will need to create an account on the ScholarOne manuscript website <https://mc.manuscriptcentral.com/sono> and follow the instructions to upload your manuscript and images.

### Further information can be obtained from:

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For author guidelines on writing and referencing visit [www.a-s-a.com.au](http://www.a-s-a.com.au)



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# ASA2016 MELBOURNE



## Welcome to ASA2016 Melbourne

On behalf of the ASA2016 Melbourne Program Committee we invite you to join us at the ASA's annual international conference in Melbourne.

With 1,200+ delegates expected, ASA2016 Melbourne will be the largest educational event tailored specifically for sonographers across all disciplines and at all levels in 2016. This amazing event will run from 13 to 15 May at the Melbourne Convention and Exhibition Centre on the banks of the iconic Yarra River.

ASA2016 Melbourne is an ideal environment for professional networking and the opportunity to discuss and share broad-ranging and diverse ideas.

ASA's annual international conference has become a must-attend event for all sonographers due to its world-class comprehensive program and fantastic trade exhibition over the three days.

Themed 'Excellence in Sonography', the program will cover all disciplines: abdomen, breast, cardiac, musculoskeletal, obstetric, gynaecologic, paediatric, small parts and vascular sonography.

With an impressive line-up of national and international speakers, live scanning and non-clinical workshops – designed to appeal to the full spectrum of sonographers from foundation level to the more experienced or expert – the conference promises professional discussions, motivation, ongoing skill advancement and education. And the conference's exciting social program is not to be missed!

Melbourne is the ideal host city for our 23rd annual international conference. It has the cultural depth and multicultural diversity expected from a major global city, along with a relaxed and welcoming attitude –

and a lively passion for eating and drinking – that makes it easy for visitors from around the world to feel at home.

We look forward to seeing you there!

Faye Temple  
Convener, ASA2016 Melbourne

## Cardiac Symposium

The Cardiac Symposium will be held on Saturday 14 and Sunday 15 May 2016. It will focus on quality and the comprehensive approach, including adult congenital heart disease, with presentations on current and developing technology.

The program features distinguished international and Australian speakers who will share their experience and knowledge in established and advanced echocardiographic techniques.

The program opens on Saturday with a session on quality in echo, from several aspects, and will include reviews of common techniques for assessment of cardiac structure and function. It will continue with emerging modalities such as 3D echo and 2D strain imaging, which add evidence-based value to the diagnostic capability of echocardiography.

The Sunday program comprises hands-on sessions and presents opportunities to learn how to use emerging techniques.

This program is aimed at those working in emergency and critical care, as well as those currently undertaking study in cardiac sonography. It is a great opportunity for cardiac sonographers and scientists to review aspects of quality in their practice, and to update their knowledge on how to incorporate newer techniques in routine echocardiographic practice.

Diane Jackson  
Cardiac Coordinator, ASA2016 Melbourne Convening Committee

### ASA2016 MELBOURNE | DAY ONE | FRIDAY 13 MAY 2016

REGISTRATION   8.30 am				
<b>1   OPENING PLENARY   10.00 am–12.00 pm</b>				
Conference welcome   Welcome to country <i>Dr Stephen Duns, ASA CEO</i> <i>Jerry Grayson</i> Diagnostic ultrasound: Fact or fiction <i>Dr Tom Sutherland</i>				
LUNCH   12.00–1.00 pm				
PLENARIES				
	<b>ABDOMINAL</b> RUQ pain – Patient journey through Emergency Dept	<b>MSK</b> Not the shoulder again?	<b>O&amp;G</b> Chronic pelvic pain	
1   1.00–3.00 pm	What is an excellent abdominal ultrasound? <i>Faye Temple</i> Pain: It's not simple! <i>Dr Jenny Hutton</i>	Excellence in MSK ultrasound? <i>Greg Lammers</i> What is new in shoulder ultrasound? <i>Stephen Bird</i>	What is an excellent gynae ultrasound? <i>Maria Maxfield</i> Laparoscopic demonstration of endometriosis <i>Mr Luk Rombauts</i>	
	Biliary causes of RUQ pain <i>Kristy Thomas</i> Not biliary? What then? <i>Faye Temple</i> Contrast enhanced ultrasound of the gallbladder <i>Jane Keating</i> 3D imaging of the abdomen: The best thing since sliced bread? <i>Dr Ben Stenberg</i>	Which therapy when? <i>Dr David Connell</i> Shoulder ultrasound in > 50-year olds – why bother? <i>Greg Lammers</i> Surgical procedures that may follow an ultrasound diagnosis <i>Mr Amit Lakkaraju</i>	Deep infiltrating endometriosis <i>Dr Sophie Piessens</i> Pelvic inflammatory disease – an update <i>Dr Melissa Cameron</i> PCO – A review of the new criteria <i>Dr Kate Stone</i>	
	Proffered paper	Assessing the integrity of the supraspinatus tendon post rotator cuff repair – <i>Lisa Hackett</i>	Proffered paper	
AFTERNOON TEA   3.00–3.30 pm				
	<b>VASCULAR</b>	<b>O&amp;G</b>	<b>SMALL PARTS</b> Thyroid	
3   3.30–5.30 pm	What is an excellent vascular ultrasound? <i>Kristy Thomas</i> 60 degrees – to be or not to be <i>Dr Isabelle Wright</i> It's all about the shape, 'bout the shape; no trouble <i>Donna Oomens</i> Arterial neovascularisation detection in resolving DVT: update <i>Kathryn Busch</i> Wall stiffness and its effect on Doppler waveforms: When velocities lie <i>Dr Isabelle Wright</i> Is contrast-enhanced ultrasound the imaging modality of the future? <i>Rayshelle Finch</i>	Antenatal detection of skeletal dysplasia <i>Ling Lee</i> Features of aneuploidy <i>Dr Michael Bethune</i> Facial defects <i>Dr Yves Ville</i> The spine through the ages <i>Michelle Pedretti</i> Taking the confusion out of growth charts <i>Dr Michael Bethune</i> Grief counsellor <i>Pam Wakefield</i>	Interpretation of thyroid function tests to inform your ultrasound <i>Dr David O'Neill</i> Update on thyroid nodules <i>Dr Fred Lomas</i> Correlation of NM and ultrasound for thyroid and parathyroids <i>Dr Kim Taubman</i> Surveillance of thyroid carcinoma <i>Dr Fred Lomas</i> The ins and outs of diffuse thyroid disease <i>Lexie Nebel</i> Confusing ultrasound appearances in the neck <i>Dr Fred Lomas</i>	
	ASA SPECIAL GENERAL MEETING   5.30–6.30 pm			
	ASA WELCOME RECEPTION   6.30–8.30 pm			

LUNCH   12.00–1.00 pm						
WORKSHOPS						
	<b>2A   PAEDIATRICS</b>	<b>2B   VASCULAR</b>	<b>2C   O&amp;G</b>	<b>2D   SMALL PARTS</b>	<b>2E   FOUNDATION-BREAST</b>	<b>2F   NON CLINICAL</b>
2   1.00–3.00 pm	Paediatric hips – a sonographer and physiotherapist's approach <i>Glenda McLean and Janet Hough</i>	Basic principles of the AVF scan <i>Linda Bradfield</i>	Assessing the cervix in mid-pregnancy for pre-term birth and placental appearances <i>Michelle Pedretti</i>	Scrotum: hands on <i>Mark Smythe</i>	Ultrasound of the breast <i>Ramya Gujur</i>	Health and wellbeing <i>Bernie Mason</i>
	<b>2H   PAEDIATRICS</b>	<b>2I   VASCULAR</b>	<b>2J   SMALL PARTS</b>	<b>2K   O&amp;G</b>	<b>2L   FOUNDATION</b>	Professional communication for sonographers <i>Dr Jennifer Weil and Dr Justin Dwyer</i>
	Paediatric neck lumps: the role of the sonographer <i>Cain Brockley</i>	Ovarian veins <i>Kathryn Busch</i>	The ins and outs of the abdominal wall <i>Andrew Grant</i>	Assessment of the fetal central nervous system <i>Braidy Davies</i>	Basic principles of MSK ultrasound <i>Stephen Bird</i>	
AFTERNOON TEA   3.00–3.30 pm						
	<b>3A   MSK</b>	<b>3B   PAEDIATRICS</b>	<b>3C   ABDOMINAL</b>	<b>3D   FOUNDATION – INTRO</b>	<b>3E   O&amp;G</b>	<b>3F   NON CLINICAL</b>
3   3.30–5.30 pm	The anterior hip: More than just a joint <i>Roger Lee</i>	Paediatric renal ultrasound <i>Joanne Johnson</i>	PHT – Keep up <i>Jane Keating</i>	Introduction to ultrasound and the professional issues involved <i>Kristy Thomas</i>	Ultrasound of the pelvic floor <i>TBC</i>	Medicolegal issues for sonographers <i>Lisa Ridd</i>
	<b>3H   MSK</b>	<b>3I   PAEDIATRICS</b>	<b>3J   ABDOMINAL</b>	<b>3K   O&amp;G</b>	<b>3L   FOUNDATION</b>	Professional communication for sonographers <i>Dr Jennifer Weil and Dr Justin Dwyer</i>
	Ultrasound assessment of lateral hip pain <i>Stephen Bird</i>	The kid's got more guts <i>Sara Kernick</i>	Five pathologies not to miss <i>Lynne Johnson</i>	Transperineal ultrasound for assessment of perineal and anal sphincter tears <i>Frauke Lever</i>	Ultrasound of the elbow, wrist and hand <i>Lisa Hackett</i>	
ASA SPECIAL GENERAL MEETING   5.30–6.30 pm						
ASA WELCOME RECEPTION   6.30–8.30 pm						





## ASA2016 MELBOURNE | DAY TWO | SATURDAY 14 MAY 2016

REGISTRATION | 7.00 am

PLENARIES			
SMALL PARTS The painful scrotum	O&G Neuro	VASCULAR Ulcers	CARDIAC Quality and excellence in cardiac sonography
Testicular ultrasound: A bag of mixed nuts <i>Mark Smythe</i>	What is an excellent obstetric ultrasound? <i>Margaret Condon</i>	Ulcerative disease <i>Mr Mark Westcott</i>	Welcome <i>Di Jackson</i> Time for lab accreditation in Australia? Thoughts from UK experience <i>Cathy West</i> Setting quality and excellence in echo education <i>Tony Forshaw</i>
Uncommon causes of acute scrotal pain <i>Svetlana O'Connor</i>	Fetal brain imaging – Why does it look different? <i>Dr Kate Stone</i>	The role of ultrasound in planning peripheral endovascular procedures <i>Mr Dominic Robinson</i> Colour Doppler imaging: No longer the poor cousin <i>Dr Isabelle Wright</i>	Quality from a cardiologist perspective <i>Dr Calafiore</i> Quality from a consumer's point of view <i>Cathy West</i> Panel discussion – the QA process and the consumer
Doc, I think I broke something <i>Lynne Johnson</i>	Prenatal imaging of the corpus callosum <i>Ilona Lavendar</i>	Ultrasound and tibial artery angioplasty <i>Mr Dominic Robinson</i> Laser Doppler monitoring of ICU patients to best manage pressure injuries <i>Chris Edwards</i>	
Downunder revelations? Getting to know the prostate <i>Dr Lavoire Pierre</i>	The fetal posterior fossa: An update <i>Peter Coombs</i> <i>TBC</i> <i>Peter Coombs</i>		

MORNING TEA | 10.30–11.00 am

GYNACEOLOGY Ovaries	OBSTETRICS Fetal heart	PAEDIATRICS Abdo	CARDIAC Quality and the comprehensive approach
It's not cancer – review of physical changes of the ovary <i>Alison Lee-Tannock</i> Ovarian cancer <i>Dr Simon Hyde</i>	Where did we go wrong, how did I miss that? <i>Dr Darren Hutchinson</i>	The trouble with livers <i>Dr Winita Hardikar</i>	Guidelines, standards and protocols – set in concrete? <i>Dr Gillian Whalley</i> LV systolic function and strain imaging – when and how <i>Professor Tom Marwick</i>
Ultrasound of the ectopic pregnancy <i>Amelia Jones</i>	The evolving fetal heart – scanning through the trimesters <i>Dr Paul Brooks</i>	No ducks! <i>Sara Kernick</i>	Diastolic function – easy! <i>Dr Gillian Whalley</i>
Proffered paper – Pelvic ultrasound for anti-NMDA receptor encephalitis <i>Judy Willis</i> IOTA – TDA (terminology-description-appearance) <i>Jennifer Alphonse</i> Ultrasound in the acute pelvis <i>Rowena Finlay</i>	22Q deletion <i>A/Prof. Joanne Said</i>	The paediatric abdomen: The surgeon's perspective <i>Mr Peter Ferguson</i>	Assessing the aortic valve – oh no! not again! <i>Di Jackson</i>
	Hypoplastic thymus and aberrant right subclavian: Helpful or a hindrance? <i>Melinda Seymour</i>	Extending the paediatric hydronephrosis examination <i>Ilona Lavendar</i>	Structured approach to congenital heart disease – really so complicated? <i>Jill Fawcett</i>
	Proffered paper – Fetal hearts simplified with an emphasis on the aorta and trachea <i>Stephen Bird</i>	Oops, I did it again ... common pitfalls of the paediatric abdomen <i>Cain Brockley</i>	
	Proffered paper – Fetal cardiac function <i>Alison Lee-Tannock</i>		

LUNCH | 1.00–2.00 pm

ABDOMINAL	MSK The patient with pain	O&G Trimester 1 screening	CARDIAC Case presentations
Fat or fibrosis – does it matter? <i>Dr William Kemp</i> The hepatitis epidemic <i>Dr Anouk Dev</i>	Every patient tells a story <i>Greg Lammers</i> The examination of the painful forefoot: Everything but the plantar plates <i>Steve Zacich</i>	NIPT – What is it; how is it done <i>Dr Mark Teoh</i> Mini morph – early anatomy <i>Emily Connell</i>	Bringing 3D echo into routine practice <i>Dr Rebecca Perry</i>
Ultrasound screening for HCC <i>Dr Tom Sutherland</i>	Proffered paper Plantar plate assessment: It's all about the base <i>Stephen Bird</i>	NT – Is it still required at 12–14 weeks <i>Dr Yves Ville</i>	Echo in the transplanted heart <i>TBC</i>
Abdo pathology revisited: Making that report clinically relevant <i>Sean McPeake</i> Proffered paper	Muscles – torn, mashed or wasted <i>Martine Shields</i>	The role of first trimester ultrasound <i>Ling Lee</i>	ACHD – what to assess and how – case-based approach <i>Cathy West</i>
	Proffered paper	Q&A <i>Dr Mark Teoh, Dr Yves Ville, Emily Connell and Ling Lee</i>	

AFTERNOON TEA | 3.30–4.00 pm

ABDOMINAL	OBSTETRICS Growth	GYNACEOLOGY Function	CARDIAC Case presentations
Intestinal ultrasound in IBD – Who, when and why? <i>Dr Emily Wright</i> Ultrasound of the gastrointestinal tract: Beyond the appendix <i>Sean McPeake</i> The Bermuda Triangle: Navigating the right iliac fossa <i>Margaret Condon</i> The ins and outs of the abdominal wall <i>Andrew Grant</i> Proffered paper	Fetal growth in the 21st century <i>Dr Alice Robinson</i> Which Doppler when? <i>TBC</i>	Urodynamics <i>TBC</i> Transperineal ultrasound for assessment of perineal and anal sphincter tears <i>Frauke Lever</i> Prolapse <i>TBC</i>	TBC
	Twins – when to worry <i>Dr Yves Ville</i>	Proffered paper	
	House improvements – placenta and cervix renovations <i>Rowena Finlay</i>		

ASA GALA DINNER | 7.00 pm–12.00 am

Abdominal Breast Cardiac Foundation MSK Non-clinical/WH&S/Edu O&G Paediatrics Small parts Vascular

ADDITIONAL PLENARIES		WORKSHOPS				
BREAST	NON CLINICAL Research: To sustain excellence in day-to-day practice	4A   FOUNDATION – GYNACEOLOGY	4B   MSK	4C   ABDOMINAL	4D   MSK	4E   TBC
Breast imaging – which speciality when <i>Dr Manish Jain</i>	Clinical audit: Invaluable in quality management <i>Peter Coombs</i>	Gynaecological ultrasound <i>Dorothy Jones</i>	Shoulder <i>Steve Zakic</i>	The hows, wheres and whys of scanning renal transplant <i>Dr Ben Stenberg</i>	Ultrasound in synovitis <i>TBC</i>	<i>TBC</i>
Tomography <i>Dr Wayne Lemish</i> Elastography – stretching your understanding <i>Brendan Goode</i>	How to conduct a medical literature review in six easy steps <i>Paul Lombardo</i>					
Lesion classification and BIRADS <i>Frauke Lever</i> Wolf in sheep's clothing: the malignant lesion that looks benign <i>Dr Prue Neerhut</i>	Evidence-based practice <i>Michal Schneider</i> Setting up a journal club <i>Kerry Thoers</i>	4F   FOUNDATION – PAEDIATRICS <i>Cain Brockley</i>	4G   MSK <i>Martine Shields</i>	4H   ABDOMINAL <i>Sean McPeake</i>	4I   MSK <i>Daniel Philips</i>	4J   FOUNDATION <i>Carolyne Cormack</i>

MORNING TEA | 10.30–11.00 am

BREAST	NON CLINICAL Research – getting started	5A   MSK	5B   ABDOMINAL	5C   VASCULAR	5D   MSK	5E   FOUNDATION
Genetics and breast cancer <i>A/Prof. Jenepher Martin</i>	Critical analysis tools for evidence-based practice: How good is the research behind the guidelines behind the protocols? <i>Brooke Osborne</i>	Post op shoulder <i>TBC</i>	Epigastric pain – The clinical approach <i>Lynne Johnson</i>	Increasing your competence in incompetence <i>Mark Smythe</i>	Post thigh – getting to the bottom of it <i>Rebecca Webber</i>	Trimesters 1 and 3 <i>Alice Hanna and Emily Harman</i>
Camouflaging breast lesions: How to find them <i>Louise Worley</i> Benign lumps – Do they matter? <i>Jenny Parkes</i>	Research: What's in it for me? <i>Dr Ann Quinton</i>					
Management of the indeterminate lesion <i>Ms Cathie Poliness</i> Surgical decision-making post diagnosis <i>Ms Rhiannon Koirala</i> Know your nodes <i>Dr Monica Pahuja</i>	Turning a research idea into a research plan or research proposal <i>Dr Kerry Thoers</i> Back to school: Masters, PhD or prof doc? <i>Karen Pollard</i> Ethics approval: The agony and the ecstasy <i>Karen Pollard</i>	5F   MSK <i>Greg Lammers</i>	5G   ABDOMINAL <i>Paula King</i>	5H   VASCULAR <i>Dr Isabelle Wright</i>	5I   MSK <i>Lyndel O'Callaghan</i>	5J   FOUNDATION <i>Martine Shields</i>

LUNCH | 1.00–2.00 pm

NON CLINICAL Research – getting started	6F   NON CLINICAL WORKSHOP	6A   VASCULAR	6B   FOUNDATION – ABDO	6C   BREAST	6D   O&G	6E   BREAST
Statistics simplified <i>Dr Ann Quinton</i>	Pilates workshop	Aorta and iliacs: your plan of attack <i>Kristy Thomas</i>	Ultrasound of the abdomen <i>Faye Temple</i>	Advanced breast ultrasound techniques <i>Louise Worley</i>	Everything but the heart <i>Dr Darren Hutchinson</i>	Examination of the nodes involved in diseases of the breast <i>Amanda Tang</i>
Epidemiology <i>A/Prof. Michal Schneider</i>						
A quick guide to writing a manuscript for a journal <i>Dr Kerry Thoers</i> Peer reviewing for <i>Sonography</i> journal <i>Glenda McLean</i>		6G   VASCULAR Renal arterial ultrasound: Criteria and windows <i>Peter Coombs</i>	6H   FOUNDATION – MSK Ultrasound of the shoulder <i>Greg Lammers</i>	6I   BREAST Advanced breast ultrasound techniques <i>Louise Worley</i>	6J   O&G Cardiac assessment in the first trimester <i>Erin Stewart</i>	6K   BREAST Examination of the nodes involved in diseases of the breast <i>Amanda Tang</i>

AFTERNOON TEA | 3.30–4.00 pm

BREAST	NON CLINICAL Research – getting started	7A   PAEDIATRIC	7B   VASCULAR	7C   FOUNDATION – MSK	7D   MSK	7E   VASCULAR
Managing a patient with breast cancer <i>Maryanne Banting</i> Ultrasound of the post-treatment breast <i>Louise Worley</i>	Enhanced scope <i>Ben Stenberg and Stephen Duns</i>	Paediatric cranial ultrasound <i>Braidy Davies</i>	Imaging and clinical guide to upper extremity vascular imaging <i>Kathryn Busch</i>	Ultrasound of the hip <i>Roger Lee</i>	Pulley-ing my finger <i>Greg Lammers</i>	Leg artery Doppler: interpreting challenging scans <i>David Johnson</i>
Panel discussion with a radiologist, a surgeon and a pathologist <i>Ms Jane Fox, Dr Monica Pahuja and Dr Beena Kumar</i>	How are student sonographers educated around Australia? <i>Chris Jansen</i>	7F   PAEDIATRIC <i>Cain Brockley</i>	7G   VASCULAR Ultrasound of the thoracic outlet: Who gives a TOS? <i>Donna Oomens and Deb Coghlan</i>	7H   FOUNDATION <i>Steve Zacich</i>	7I   MSK <i>Daniel Walkley</i>	7J   VASCULAR Duplex ultrasound imaging and surveillance of lower limb bypass grafts: How I do it <i>Dr Isabelle Wright</i>



# ASA2016 MELBOURNE



## ASA2016 MELBOURNE | DAY THREE | SUNDAY 15 MAY 2016

REGISTRATION | 8.00 am

PLENARIES				
	VASCULAR Upper limb/carotids	SMALL PARTS	VASCULAR Renal	CARDIAC Hands-on workshop
8   9.00 – 10.30 am	Thoracic outlet <i>Donna Oomens</i>	Ultrasound of the salivary glands <i>Dr Anil Ahuja</i>	Radiologic evaluation of haematuria <i>Dr Veena Roberts</i>	Short overview: 3D, strain and RV assessment <i>TBC</i>
	AV fistula – clinical <i>Emmet O'Flaherty</i>	Anatomy of the neck and nodes <i>Amanda Tang</i>	The role of ultrasound in clinical nephrology <i>Dr Peter Mount</i>	
	Duplex ultrasound of the extracranial vertebral artery <i>Dr Isabelle Wright</i>	Miscellaneous lumps of the neck <i>Dr Anil Ahuja</i>	CEUS and the Bosniak classification of cysts: evidence to suggest that not all Bosniak 4 cysts are malignant <i>Mel Scott</i>	
	Advancing ultrasound technology: Improving unstable plaque detection <i>Kathryn Busch</i>	Ultrasound of the eye in the emergency setting <i>Dr Carmel Crock</i>	Kidney transplants: pre, peri and post op <i>Dr Ben Stenburg</i>	
	Proffered paper	Proffered paper		
MORNING TEA   10.30–11.00 am				
	PAEDIATRICS Play therapy	MSK Destructive joint disease	O&G	CARDIAC Hands-on workshop
9   11.00 am–12.30 pm	Play therapist <i>TBC</i>	Destructive joint disease <i>Dr Evang Romas</i>	The patient with DUB: presentation and follow up <i>Dr Andrew Ngu</i>	Valve disease – commonly encountered sources of error, correct techniques <i>TBC</i>
	<i>TBC</i>	Arthritis – not just imaging OA: Old Age <i>Martine Shields</i>	Various contraceptive methods and their ultrasound appearance <i>Rebecca Long</i>	
	Paediatric rheumatology: The interface with the sonographer <i>Dr Roger Allen</i>	Other imaging in arthritis <i>Dr Marcus Pianta</i>	Ultrasound in the peri and post menopausal patient <i>Dorothy Jones</i>	
	Paediatric MSK: How it differs from the adult <i>Cain Brockley</i>	Joint effusion: It's not always simple <i>Dr Tom Entwisle</i>	Pitfalls in the assessment of the endometrium <i>Jo Logan</i>	
	Proffered paper	Case study	Meeting round-up	
LUNCH   12.30–1.30 pm				
10   SESSION 10   CLOSING PLENARY   1.30–3.00 pm				
Scientific quiz and passport prize draws, award presentations, ASA2016 Brisbane conference launch, conference close				

Abdominal Breast Cardiac Foundation MSK Non-clinical/WH&S/Edu O&G Paediatrics Small parts Vascular

WORKSHOPS								
	8A   MSK	8B   FOUNDATION – SMALL PARTS	8C   PAEDIATRICS	8D   OBSTETRICS	8E   OBSTETRICS	8F   NON CLINICAL	8G   NON-CLINICAL	
8   9.00 – 10.30 am	Complicated ankle – how to tackle it <i>Stephen Bird</i>	Ultrasound of small parts and superficial structures <i>Jenny Parkes</i>	Ultrasound of the paediatric spine <i>Joanne Johnson</i>	Fetal neurosonography of the posterior fossa: anatomy review and scanning <i>Kate Guskich</i>	IVF workup <i>Kimberly McConchie</i>	Leadership <i>Stephen Duns</i>	Patient communication challenges in a multicultural society <i>Andrea Paul</i>	
	8H   FOUNDATION – GYNAECOLOGY Ultrasound of arthritis: The challenge to look deeper – you'll find more <i>Martine Shields</i>	8I   FOUNDATION The principles of vascular ultrasound <i>Kristy Thomas</i>	8J   FOUNDATION Trimester 3 <i>TBC</i>	8K   OBSTETRICS The fetal face <i>Maria Maxfield</i>	8L   OBSTETRICS Assessment chronic pain <i>Vicki Ditcham</i>			
MORNING TEA   10.30–11.00 am								
	9A   ABDOMINAL	9B   MSK	9C   FOUNDATION	9D   SMALL PARTS	9E   OBSTETRICS	9F   NON CLINICAL	9G   NON CLINICAL	
9   11.00 am–12.30 pm	Abdo Doppler: what, when and how? <i>Kristy Thomas</i>	Ultrasound assessment of forefoot pain <i>Mark Smythe</i>	Echocardiography <i>Anthony Wald</i>	Post thyroidectomy monitoring <i>Jenny Parkes</i>	The comprehensive morphology scan <i>Dorothy Jones</i>	Ergonomics <i>TBC</i>	Clinical supervision <i>TBC</i>	
	9H   ABDOMINAL An easy guide to contrast enhanced ultrasound <i>Penny Kokkinos and Tanya McDonald</i>	9I   MSK How to interpret MRI examinations <i>David DeDomenico</i>	9J   FOUNDATION Ultrasound in the second trimester <i>Margaret Condon</i>	9K   SMALL PARTS Anatomy of the neck <i>Dr Anil Ahuja</i>	9L   OBSTETRICS Fetal heart in the morphology scan <i>Ling Lee</i>			
LUNCH   12.30–1.30 pm								

### Full registration (including social functions)

EARLY BIRD – UNTIL 25 MARCH 2016	
Registration type	Fees (incl. GST)
Student	\$775.00
Member	\$965.00
Non member	\$1250.00

STANDARD – 26 MARCH – 2 MAY 2016	
Registration type	Fees (incl. GST)
Student	\$890.00
Member	\$1100.00
Non member	\$1795.00

### Full registration (excluding social functions)

EARLY BIRD – UNTIL 25 MARCH 2016	
Registration type	Fees (including GST)
Student	\$645.00
Member	\$830.00
Non member	\$1010.00

STANDARD – 26 MARCH – 2 MAY 2016	
Registration type	Fees (including GST)
Student	\$740.00
Member	\$955.00
Non member	\$1450.00

### Day(s) registration

ONE DAY (including social functions)	
Registration type	Fees (including GST)
Student	\$510.00
Member	\$670.00
Non member	\$805.00

ONE DAY (excluding social functions)	
Registration type	Fees (including GST)
Student	\$400.00
Member	\$560.00
Non member	\$690.00

TWO DAYS (including social functions)	
Registration type	Fees (including GST)
Student	\$770.00
Member	\$940.00
Non member	\$1105.00

TWO DAYS (excluding social functions)	
Registration type	Fees (including GST)
Student	\$530.00
Member	\$720.00
Non member	\$990.00

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## The ePoster: a guide to content and design

Poster presentations have been an important forum for presenting scientific research and ideas at major meetings for decades. Presenting at a large conference can be a daunting prospect, particularly for the public speaking novice. For those just starting out, and those more experienced looking for some variety, posters are an ideal alternative to oral presentations and offer the same opportunities to showcase your work. Posters also present an opportunity for the audience to be in control. Delegates are able to pick and choose from an educational menu of topics, skimming over presentations not relevant to their needs and spending more time with their areas of interest.

Traditionally these presentations were in the printed form; however, this included the additional challenges of design

and printing costs. Advances in technology have facilitated significant changes to the way posters are displayed. An ePoster is the modern alternative to the printed poster presentation. These are displayed on large monitors well positioned within conference areas and offer maximum exposure to delegates. Design and content are still important elements; however, the logistics of printing and transporting the final work are no longer an issue.

Most professionals have experience creating PowerPoint presentations and the ePoster is simply an extension of this. ePosters provide a visual feast for the reader and the opportunity for the presenter to showcase their more creative side in attracting viewers to their work. As reading time is often short, detailed text should be avoided with the information on the poster being concise and self-explanatory. The intention of an ePoster is to convey a message to interested viewers and is not intended as a general presentation. Viewers that are interested are expecting a short, simple and interesting message to be conveyed.

An ePoster is an ideal alternative to an oral presentation where different techniques and approaches can be used to attract interest. The aim of this article is to provide a guide to content and design to optimise the impact of your ePoster in the conference environment.

### Content

This is limited only by your imagination! An ePoster can be used to provide an eye-catching visual display of:

- the results of original research
- the results of a clinical audit or literature review
- sonographic techniques (e.g. musculoskeletal injections)
- pathological appearances (e.g. adenomyosis)
- a case study or series (e.g. a rare or interesting finding).

**Tracey Taylor on behalf of the ASA Education Advisory Committee (Peter Coombs, Richard Allwood, Jennifer Alphonse, Toni Halligan, Jane Keating)**



Your ePoster design should entice viewers to take a closer look

Choose a topic that interests you and that you are passionate about – this will show in the quality of your work. Decide on an eye-catching title for your ePoster that represents the content of the presentation and that will attract the viewing audience.

The specific criteria for design and content will usually be set by the professional body convening the meeting for which the ePoster is intended. This discussion will focus on the ASA guidelines which are applicable to all ASA meetings.

- Firstly, create a PowerPoint presentation (PPTx) of at least 5 slides (maximum of 7).
- The first slide should be a title slide: this needs to include the title of the presentation and the names, qualifications and affiliations of the author/s.
- The last slide should contain the reference list, a declaration of any conflicts of interest and contact details of the principal author (for delegates who may wish to ask questions later).
- Content slides are variable depending on the material being presented. For example, an original research ePoster may contain 4 content slides: introduction and background, methods, results, discussion and conclusion.

### Essential information to include

The quality of the scientific content is a reflection of both your knowledge and professionalism. Ultimately the audience will be the judge of the standard of your presentation. The content may also be considered by an adjudication panel in consideration of the award of conference prizes and by the ASA before the presentation is made available to delegates post-conference.

The ASA provides an excellent educational resource, *The guide to scientific content*, that can be used by presenters as a tool to ensure their work is consistent with best practice and includes excellent referencing and recognition of external sources. This resource can be found in the December 2015 issue of *soundeffects news* or on the ASA website.

Prohibited items (NOT to be included):

- Patient identifiers (name, date of birth, MRN)
- Sound
- Hyperlinks
- The abstract.



ePosters on display within the exhibition area at ASA2015 Perth



Delegates viewing ePosters at ASA2015 Perth

### Design

ePosters are available for viewing on large monitors in the common conference areas. The presentation is run on a repeating 'loop' so that delegates only have a short amount of time to view each slide before it moves on to the next.

It is important to maximise the impact of your design so that delegates are firstly attracted to your presentation and then encouraged to stay and read what you have created by making each slide concise and easy to read.

### Points to remember

- All slides should be in a 'landscape' format.
- Each slide should have a clear heading (with font size a minimum 24 points).
- Information should be clear and concise (do not overcrowd each slide; remember, delegates only have a short time to finish reading each slide).
- Font style and size should be large and clear enough to be easily read from a distance (key points; minimum 24 points, main text; minimum 16 point). Authors should be aware that large amounts of small text will be difficult for delegates to read. Be consistent throughout.



- The use of tables and graphs to summarise information is encouraged.
- Minimum resolution for graphics and images is 72 dpi.
- Remember to consider your colour scheme: selection should be easy to read from a distance (contrast of text content with background colour).

### The abstract

For inclusion in the ASA Annual International Conference program, the principal author will need to submit an abstract to the Convening Committee for consideration. This abstract will be made available to delegates via the conference abstract supplement.

Presenting at any meeting in any format is both personally and professionally rewarding and an important contribution to your profession. Remember that the ASA forum is an excellent way to contact other sonographers if you have questions or need help creating your ePoster. We wish you the best of luck and look

forward to reading your interesting and eye-catching presentations in the future. A summary of the guidelines for ePosters can be found on the opposite page or via the ASA website.

### Additional resources

The following are a few resources which you may find helpful:

1. Coombs P. The art of poster presentation. *soundeffects*. 2003;(4):42-4.
2. Erren TC, Bourne PE. Ten simple rules for a good poster presentation. *Computational Biology*. 2007;3(5):e102.
3. QDET2. E-poster presentation tips (2015). Accessed 01/10/2015. Available from: <http://www.amstat.org/meetings/qdet2/presentationtips.cfm>
4. World Congress of Dermatology. E-poster submission guidelines (2015). Accessed 01/10/2015. Available from: <http://derm2015.org/media/e-poster-submission-guidelines/>

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### What is an ePoster?

An ePoster is the modern alternative to the more traditional printed poster presentation. ePosters are displayed on large monitors within conference areas that offer maximum exposure to delegates.

The information on the poster should be concise and self-explanatory. ePosters are an ideal alternative to an oral presentation where different techniques and approaches can be used to attract interest.

The intention of an ePoster is to convey a message to interested viewers and is not intended as a general presentation. The audience will be expecting a short, simple and interesting message to be conveyed.

### What types of content can be presented within an ePoster?

This is limited only by your imagination. An ePoster can be used to provide an eye-catching visual display of a new technique, clinical insight, a case review/series or the results of original audit/research.

### Submission

All presenters will be required to submit their abstract online for consideration by the Conference Program Committee. Acceptance of your proposed poster will be advised as soon as practicable.

- Posters accepted for presentation are to be in ePoster format; printed posters are no longer accepted.
- All accepted posters will be made available to delegates after the conference unless permission is not granted by the author(s).
- The following information is provided to guide presenters as to the requirements and features of a successful electronic poster presentation.

### ePoster design

- Submitted to the ASA as a Microsoft PowerPoint presentation (Please note: ASA does not accept other versions)
- Consists of up to 5 content slides. Title slide and reference slide can be provided in addition to this
- All slides to be in a 'landscape' format
- Font style and size (e.g. 16-24 points: should be large and clear enough to be easily read from a distance)
- Minimum resolution for graphics and images (72 dpi)
- Remember to consider that your colour scheme selection should be easy to read from a distance (contrast of text content with background colour)

### ePoster content

- In multiple slide posters your first slide should be a title slide, the last slide should contain your reference list and contact details (for delegates who may wish to ask questions later).
- Content slides are variable depending on the material being presented. For example, original research

may contain 7 slides: title and author/s, introduction and background, methods, results, discussion and conclusion, references.

- Should be clear and concise.
- Each slide should have a clear heading.
- Video files are to be embedded as .wmv files with timings built into the presentation to ensure the slides automatically progress.\*
- Excessive use of animations is not recommended. This will ensure a much better reading experience for the reader.

\* If animations or video files do not run, they will be removed without discussion with the author. It is thus recommended that you include a representative image in the correct place in the event that this is necessary.

### Essential information to include:

- Title of presentation
- Names, qualifications and affiliations of author/s
- Correct citation of sources, including 'Used with permission' where appropriate
- Reference list
- Declaration of any conflicts of interest
- Contact details of the principal author

### Items not to include:

- Patient identifiers (name, date of birth, MRN)
- Sound
- Hyperlinks
- The abstract (this will be available to delegates via the Conference Abstract Supplement)

### Assessment of Scientific Content

The quality of the scientific content of all ePoster presentations will be considered by:

- the Adjudication Panel in consideration for the award of conference prizes
- the ASA before the presentation is made available to delegates post-conference.

For scientific assessment criteria, please refer to the Guide to assess scientific content matrix.

### Useful information

1. Erren TC, Bourne PE. Ten simple rules for a good poster presentation. *Computational Biology*. 2007;3(5):e102.
2. QDET2. E-poster presentation tips. (2015). Accessed 01/10/2015. Available from: <http://www.amstat.org/meetings/qdet2/presentationtips.cfm>
3. World Congress of Dermatology. E-poster submission guidelines. (2015). Accessed 01/10/2015. Available from: <http://derm2015.org/media/e-poster-submission-guidelines/>
4. Coombs P. The art of poster presentation. *soundeffects*. 2003;(4):42-4.





## Gillian Whalley

### A short bio

I started my DMU (Cardiac) training in 1985 and worked in hospitals in New Zealand and overseas before moving into clinical research at the University of Auckland. As the team's sonographer, I then completed an MHSoc and PhD and started to lead my own research projects. I have balanced a clinical career with research interests, leading several Australasian and international multi-centre collaborative projects focusing on the prognostic aspects of echocardiography, optimisation of measurements, and generating new ethnic- and gender-specific echocardiography reference ranges. I have held senior management roles in the higher education sector and published over 120 peer reviewed journal articles.

### What are you passionate about?

I am passionate about equality, especially in terms of education and healthcare.

### What about life outside work?

My family (husband and 2 boys) and I love to spend time on our yacht exploring the ocean near where we live. I have been scuba diving for all of my adult life. I also love to be creative with wool – spinning, weaving, knitting and crochet and have even written some knitting books that will be released in 2016. I also write books for children; something I started when my own children were young.

### What does your current job involve?

I have recently joined ASA as the executive director of the new Institute of Diagnostic Ultrasound. This will be a higher education platform for advanced sonography education. At the moment I am busy thinking about what courses and options are most suitable for our profession. In my previous position I was

responsible for developing and leading researchers in our faculty, which included both health and social sciences. Many of our academic staff were experienced practitioners who were new to academic teaching and research, and as a result often embarking on an academic research career for the first time. The challenge was to find projects that fulfilled their interests, contributed to their teaching and were achievable within the institute's and time capacity.

### What aspect of sonography has been most rewarding?

I still get a thrill whenever I see a beating heart on a screen. I have been lucky to have been scanning long enough to see the introduction of many different technologies – Doppler, colour Doppler, 3D, digital acquisition, etc. So it's been a never-ending learning process. And every few years imaging has leapt a bit further in terms of quality and complexity.

### Who are three people you would like to have dinner with?

Oscar Wilde – he would be very entertaining, I imagine. Jacques Cousteau – his passion for the seas was amazing. Justin Trudeau – he seems like a fresh new mind in an increasingly capitalistic political world.

### Your greatest achievement?

I think that is yet to come. But if I had to pick one it would be to remain optimistic even when things are going wrong.

### Favourite movie?

So many to choose from, but currently it is probably *Life is Beautiful* directed by and starring Roberto Benigni.

### Currently reading? Favourite authors?

My two favourite books are both non-fiction. The first is *Aspirin: The remarkable story of a wonder drug* by



Diarmuid Jefferys and *The Immortal Life of Henrietta Lacks* by Rebecca Skloot. If you haven't read them, I highly recommend them. Both are told in a narrative way and are highly readable. And both are really important stories for our time.

### Last meal you cooked?

Tortillas, which is a family favourite of ours.

### Favourite pastimes outside work?

Scuba diving, snorkelling, reading, creative writing and fibre craft. My husband, Darryl Torckler, is an underwater photographer and we have dived in some amazing locations together. Now we enjoy taking our boys snorkelling in some of those locations, including the Poor Knights Islands marine reserve, which is our family favourite.

### Favourite place you have travelled to?

Underwater – Papua New Guinea; above water – Florence.

### Place you would like to travel to?

Iceland – to see the wildlife and explore the terrain; and I would like to take a ride on the trans-Siberian railway.

### Person you would like to meet?

Harvey Feigenbaum – I would like to ask him when he first realised that ultrasound would contribute so much to cardiology and what he thought the future of ultrasound held.

### Who do you admire and why?

I admire anyone who has achieved balance between their work and family life.

### Have you done any volunteer work? Tell us about why that is a passion.

I served on the board of the Cardiac Society of Australia and New Zealand (CSANZ) for six years, and NZ regional committee of the CSANZ as well. I have been a DMU examiner for many years, and also worked on conference organising committees for both ASUM and CSANZ. Outside of work, I was involved with the Oceans Society of New Zealand; our main activity was an underwater photographic/film event where we highlighted the oceanic landscape of New Zealand and the world. It was a great opportunity to bring amazing images to the attention of people who do not normally get a chance to look under the sea. And in this way we hoped to draw attention to this fragile

environment. Whenever you volunteer you get to spend valuable time with like-minded people and you learn so much and I always feel uplifted by the shared sense of purpose.

### What talent do you wish you had?

Drawing and painting

### What do you do to relax?

I usually knit or crochet, creating my own patterns. This creative process, coupled with the almost meditative repetitive stitching, is thoroughly relaxing for me.

### What do you consider the perfect weekend?

Taking off on Friday afternoon and anchoring in a remote location for a weekend of diving and relaxation. And evenings playing cards and reading.

### What is your favourite holiday spot?

Anywhere that is located near the sea. Currently, that is often reached by our boat.

### Do you have any musical talent/interest?

No.

### Who do you have respect for and why?

I really respect those people who choose worthy over wealthy career pathways. In today's world, the greatest young minds are often encouraged (and potentially need) to choose career pathways with high remuneration. But following a passion and contributing to the world should be highly valued as well. And fortunately it is still by some.



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## ASA Associate Fellowship (AFASA) and Fellowship (FASA)

### Recognising professional excellence and dedication in sonography

The Australasian Sonographers Association (ASA) is establishing a fellowship program in 2016 that is designed to recognise the experience and professional excellence of our members.

The ASA Fellowship Program will comprise:

- Associate Fellow of the ASA (AFASA): recognises the achievement and service in the profession of sonography. The Associate Fellowship is held for the duration of membership with the ASA and forms the foundation requirement for future candidature as a Fellow of the ASA.
- Fellow of the ASA (FASA): is the highest level of membership within the ASA. It is a significant professional achievement and is awarded by the ASA in recognition of the member's dedication, proven professional contributions and their diverse set of skills and comprehensive knowledge of all aspects of sonography. FASA is open to sonographers from all specialities who meet the rigorous criteria.

Successful applicants and candidates who meet the specified entry requirements are awarded the designation AFASA and FASA. These designations let colleagues and patients know that you are part of an outstanding group of sonography professionals.

In 2015 the ASA sought expressions of interest for suitably qualified members to form the inaugural ASA Fellowship Panel. To comprise up to three current Board Directors and up to three Ordinary Members of the ASA, all applicants for the ASA Fellowship Panel had to meet the mandatory entry requirements for AFASA and must undertake the process of candidature for FASA.

Congratulations to Tony Forshaw, Tony Parmiter, Bonita Anderson, Jessie Childs and Tracey Taylor on their selection for the ASA Fellowship Panel.

Now established, the ASA Fellowship Panel is responsible for developing the program and its ongoing administration. It will

also assess the suitability of the candidates for the award of Fellowship and make appropriate recommendations to the ASA Board of Directors.

In 2016 the ASA Fellowship Panel will be seeking applications. Members will be notified through our member communications and information will be made available on the ASA's website.

#### Tony Forshaw, ASA President



Tony Forshaw was appointed as a Director in 2014 and President in November 2015. He is the course coordinator for the Graduate Diploma in Cardiac Ultrasound at QUT and also maintains a clinical role at Hearts 1st in Brisbane. Tony is the founder of the Echo.Guru education website. He is an active volunteer for the ASA, contributing to the Cardiac Special Interest Group and *Sonography* Editorial Review Board, and up until recently on the Sonographer Advancement Working Party (SAWP).

#### Tony Parmiter, ASA Vice President



Tony Parmiter was appointed as a Director in May 2013 and Vice President in November 2015. Tony is the senior specialist sonographer at Repat Radiology, Repatriation General Hospital in Adelaide. Tony is an active member of the ASA, volunteering on various committees, including the SAWP and *Sonography* Editorial Review Board, and previously as a sub-editor on the *soundeffects* committee.



#### Bonita Anderson

Bonita Anderson is a senior lecturer for the Graduate Diploma in Cardiac Ultrasound at the Queensland University of Technology (QUT).

Bonita holds a Diploma in Medical Ultrasonography (Cardiac), a Master

of Applied Science in Medical Ultrasound and was credentialed as an Advanced Cardiac Sonographer (ACS) by Cardiovascular Credentialing International (CCI) in 2015. She is also a Fellow of the American Society for Echocardiography (since 2009). In 2010 Bonita was awarded the Pru Pratten Memorial Award for Sonographer Achievement.

Bonita's career in cardiac ultrasound includes almost 30 years' clinical experience at The Prince Charles Hospital in Brisbane, as both a cardiac scientist and as an echo educator. Her academic service at QUT spans more than 15 years as a lecturer, course coordinator and senior lecturer. Bonita is also a frequent speaker at many national and international echocardiography conferences.

Bonita is the author of *Echocardiography: The Normal Examination and Echocardiographic Measurements* and *A Sonographer's Guide to the Assessment of Heart Disease*. These textbooks are included on the course syllabus for many echocardiography programs within Australia and the USA.

#### Jessie Childs



Jessie Childs works full time in the postgraduate medical sonography program at the University of South Australia and is course coordinator for the Ultrasound Physics and Instrumentation and Vascular Sonography courses. She has a keen interest in research and is just about to complete her PhD into ultrasound measurements of the liver. Jessie enjoys clinical work also and has served as tutor sonographer at multiple private and public practices across Australia. Jessie is the current chairperson for the South Australian Branch Committee and in 2014 was awarded the Pru Pratten Memorial Award for her service to ultrasound, research and teaching.

#### Tracey Taylor



Tracey Taylor has worked in most areas of ultrasound, including general and vascular, and for the last 10 years has specialised in obstetrics and gynaecological ultrasound in a dedicated private practice in Wollongong, NSW, currently as the clinical practice manager and tutor sonographer. She has experience as a clinical supervisor for the University of Sydney and lecturer in medical imaging at the University of Notre Dame Medical School in Sydney.

Tracey has contributed to the ASA over many years as the founding member of the Illawarra Branch, as a travelling educator, and served as the honourable feature editor of *soundeffects* for almost five years. She currently holds volunteer positions with the ASAR and with the ASA Education Advisory Committee, O&G Special Interest Group, Fellowship Panel and Sonography Editorial Review Board.



# asa FELLOWSHIP PROGRAM



## Education and professional development update

The ASA is committed to advancing the profession through high quality education opportunities and enhanced member value. We are proud that our comprehensive education and events program is highly regarded. Designed for sonographers by sonographers it is tailored specifically to meet the unique challenges of the profession.

In 2015 we introduced some exciting changes to our continuing professional development (CPD) activities.

In July we began offering 100+ free CPD opportunities to all our members – a significant and important achievement that has been embraced by our members.

As a result, attendances for events in 2015 increased by almost 2,500 from the previous year. A great result! We have also seen a steady growth in membership.

Many CPD events are now booking out well in advance and attendances are exceeding our expectations. In particular, this change has resulted in record numbers of registrations for **asawebinars**. Attendances increased from 1,833 to 4,333 (see graph). Our live and recorded **asawebinars** are delivered by highly experienced subject matter experts, and extend the reach of training to all members (no matter their location), offering an easy and flexible way to learn.

In addition, many of our Travelling Workshops (which are run in small cities and rural and regional locations in Australia and New Zealand) have been booked out within 24 hours of registration being opened.

### New approach for ASA Masterclasses

We have successfully trialled a new approach for our non-clinical Masterclasses – running them on Saturdays throughout the year instead of on Thursdays prior to our annual international conference. We listened to feedback from our members who said that it was difficult to get extra leave at a time when hospitals and practices have competing requests for leave.

In 2015 we ran Masterclasses in Brisbane, Melbourne and Sydney with a significant increase in attendances and overwhelmingly positive feedback about the topics and presenters.

### We're growing ...

The ASA's branch network continues to grow! In 2015 we welcomed three new branches – Cardiac, Newcastle (NSW) and MidCentral (NZ). Our extensive branch network is made up of dedicated committee members who volunteer their time and expertise to provide quality education to meet the needs of their local sonographer communities.

Education event	Attendances 2014	% 2014	Attendances 2015	% 2015
Branch education meetings	2404	40.7	2281	27
asawebinars	1833	31	3348	52
Major events (ASA Annual International Conference, SIG Symposium)	1180	20	1140	14
ASA Workshops (Travelling Workshops, Masterclasses)	494	8.3	609	7
<b>TOTAL</b>	<b>5911</b>	<b>100</b>	<b>8363</b>	<b>100</b>





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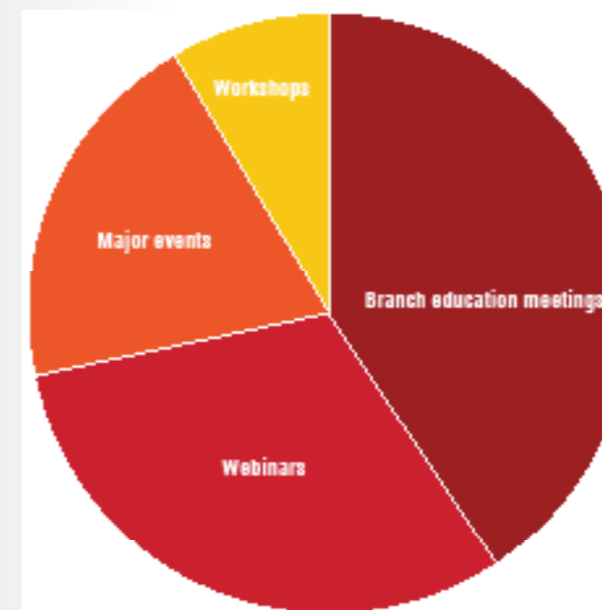
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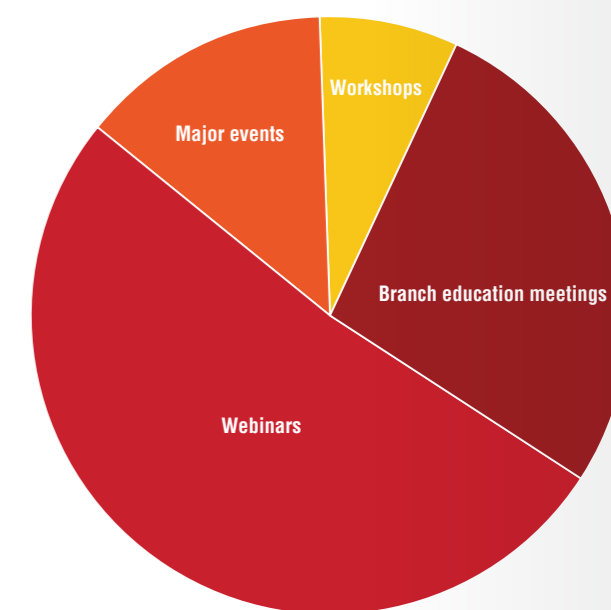
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Education attendances 2014



Education attendances 2015



Contribute to the newsletter of the Australasian Sonographers Association

# soundeffects news

*soundeffects news* – a quarterly news and information newsletter circulated to ASA members

Contribute by sharing any information that may be of interest to members

Share a story about a day in the life of your sonography practice or simply let us know more about someone from the sonography community

Have any non-clinical information that you would like to share? We are interested in articles that think outside the box as well

Implemented a new protocol recently or feel like refreshing memories about basic procedures? We are interested in it all

For further information, please contact the editor at [editor@asa.com.au](mailto:editor@asa.com.au) or refer to the author guidelines at the ASA website [www.asa.com.au](http://www.asa.com.au)



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# SONOGRAPHY

## What's in Volume 3, Issue 1?

### Original articles

- Skill development of beginner sonography students using high fidelity simulators: initial experiences
- Echocardiographic measures of pulmonary hypertension and the prediction of endpoints in sickle cell disease

### Case reports

- Synchronous lymphoma and metastatic squamous cell carcinoma in a patient with bilateral abnormal axillary lymph nodes: a case report
- Severe endocarditis in a 20-year-old female

### Review article

- Ultrasound features of omental infarction in children

### Commentary

- Short review of research paper – Multiple prenatal ultrasound scans and ocular development: 20-year follow-up of a randomised, controlled trial (UO&G 2014)

### Resource review

- Twining's textbook of fetal abnormalities

### CPD test

- From case report *Severe endocarditis in a 20-year-old female*

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## Auckland–Waikato

Our second meeting for 2015 was held in August with the theme of *Pre and postnatal neurosonography*. It was a challenge for many of the attendees to make it through the congested Auckland traffic for the earlier commencement time of 6.30 pm, so the meeting had a delayed start. The audience was immediately captivated by our initial speaker, with all presenters providing a different aspect and educating us within our theme from both a neonatology and ultrasound perspective.

Dr Frank Bloomfield, Professor of Neonatology, University of Auckland and Director of Liggins Institute, presented *Prognostication and uncertainty with neuroimaging in the preterm infant*, providing a mesmerizing presentation giving understanding into the reasons for timings of neonatal head scans and the different perceptions/importance the professionals and the parents have for the neonate's future. Females survive better than males and the survival outcomes increase with increasing gestational age.

Dr Robert Mitchell, Consultant Radiologist, Waitemata Health Board, and TRG Imaging, reviewed the normal neonatal head views required with images of both



Auckland Branch meeting

normal and abnormal appearances. He emphasised that bilateral symmetry is not always normal and that asymmetrical appearances are abnormal.

*Paediatric ultrasound – helpful hints and interesting cases* was presented by Vanessa Galloway, Clinical Specialist in Paediatric Ultrasound, Starship Hospital. Vanessa informed us that a child's perceptions and fears are greatly different to that of an adult, and that we have to vary our approach with different-aged children. Helpful tips for scanning the various age groups were given, along with general tips to make it a less traumatic experience for patient, parents and sonographer. Communication and parental cooperation are important key factors. Two very interesting case studies were provided, one of which was a five-year-old with abdominal pain, lethargy and a failure to thrive who was found to have a bezoar (hairball) – which is a rare condition caused by the ingestion of hair.

Our fully prescribed meeting had a waiting list, which is fantastic, but disappointing for those who were unable to attend. This highlights the importance of registering early and for any registrant who may be unable to attend, please let the ASA know so those on the waiting list have the opportunity to take any vacant spaces. Our appreciative 30 registrants found the three talks illuminating and of enormous interest. We wish to acknowledge and thank our presenters for their impact and the extension of our knowledge. We look forward to providing further enriching branch meetings during 2016.

We would like to thank Sound Experience Ultrasound at Unitec for providing the venue and Horizon Radiology for supplying the refreshments. We are enormously grateful for your support of our branch.

Julie Heaney  
Auckland-Waikato Branch Committee

## Australian Capital Territory

Happy New Year to all!

As we reflect on the second half of 2015, there were three ACT Branch education events held in Canberra: the *Christmas in July* trivia night, *Beginners to intermediate fetal heart workshop* and the *Student case study* night in December.

On Friday 24 July the Canberra ultrasound community came together for a *Christmas in July* and trivia night. Held for the first time at a new venue, the award-winning Hotel Realm, members enjoyed a delicious three-course meal and several rounds of entertaining questions ranging from local landmarks and African geography to music and ultrasound teasers.

All agreed it was a huge success and congratulations to the ACT committee for organising another outstanding event. Special thanks to James Mackay for being MC on the night and to corporate sponsors for their generous support. In particular, sincere thanks to Grant McKenzie from Philips Healthcare, James McKay from Toshiba, Sarah Colley from Siemens and Fiona Macnaught from Samsung. Thanks also to Regional



Education meeting hosted by Toshiba for the ACT Branch meeting

Medical Supplies, Canberra Imaging Group and Dr Meiri Robertson and the Fetal Assessment Centre for their generous donations.

On Saturday 15 August a *Beginners to intermediate fetal heart workshop* was presented by Carolyn Sweet and sponsored by GE Healthcare. Carolyn has a wealth of experience and her focus shifted to fetal medicine when she accepted a position at St Mary's Hospital in Manchester in 2003 and later at the University College Hospital in London. The presentation included live scanning.

On Thursday 10 December one of the favourite education sessions on the ACT calendar was again hosted by Toshiba at their Fyshwick rooms. Seven trainee sonographers presented interesting case studies ranging from hepatocellular carcinoma to breast masses and the medial collateral ligament of the knee. An ask-the-audience format on lumps was also very well received and prompted great audience participation. Well done to all trainees who delivered impressive presentations. Sincere thanks also to James Mackay and Siobhan Minervini from Toshiba for organising another really enjoyable evening.

Recently Debra Paoletti stepped aside as ACT Branch chairperson to enable her to focus on research this year. Thanks to Deb for all her efforts steering the committee over the last year and best wishes with your future endeavours. The incoming chairperson is Jenny Gorton who brings with her passion and enthusiasm as well as a wealth of experience in allied health and research. The remainder of the executive positions are unchanged. Maisie Graham is vice chairperson, Joanne Weir treasurer and Deb Carmody secretary. We also welcome Stephanie Chen onto the committee as the student's representative.

Planning for the 2016 educational calendar is well underway and the next proposed education meeting is Saturday 19 March on endometriosis. A reminder to register through the ASA website.

Best wishes for 2016.

Lisa Hicks  
ACT Branch Committee

## New South Wales

On Tuesday 7 July 2015 we held our *Male infertility* evening at Royal Prince Alfred Hospital that was sponsored by Philips Healthcare. This was a great evening with an assortment of speakers, including Dr Ilias Drivas who provided a view from the radiology aspect; Dr Ying with the IVF perspective; and Dr Shannon Kim with a urologist background who outlined levels of infertility and treatment options with both positive and negative outcomes. All were thoroughly informative and provided insight into what is an overlooked side of infertility.

In November we held our annual interesting case night sponsored by Toshiba. Presentations consisted of 5 slides in 5 minutes and this is always a great opportunity to see what everyone is scanning, with many interesting cases from hospital and private practice settings. Winners on the night included Tanya Schoenfeld – *VACTERL Complex*; Gaorui Liu – *AV Fistula*; Mirri Braude and Lauren Arvanitis – *Ruptured ectopic pregnancy*. Well done to our experienced sonographers and those who presented for the first time.

This year has seen a few changes in our committee. We would like to thank those who have resigned and welcome the new committee members. Planning for 2016 is well underway; however, the NSW Branch welcomes any sonographers who would like to join us on the committee.

If you have any ideas/suggestions, please email us at [nsw@a-s-a.com.au](mailto:nsw@a-s-a.com.au).

Finally, a sincere thanks to all our 2015 presenters and sponsors: we are extremely grateful for the time and effort given so we can increase our knowledge. Have a safe and Happy Christmas and see you all in 2016.

Sarah Skillen  
NSW Branch Committee

## Northern Territory

Northern Territory Branch held three education meetings in the second half of 2015. The first was held 14 July on the topic of *Early pregnancy screening* presented by Dr Jane Thorn, Obstetric and Gynaecological Consultant at the Royal Darwin Hospital.

This was followed in August by *Paediatric hips – a protocol and discussion* presented by Catherine Kenny, sonographer at the Royal Darwin Hospital.

The final education meeting for 2015 was held 23 November on *Pilates for sonographer health and wellbeing*, presented by Encore Pilates. We are grateful to AshMed for their sponsorship. We are considering a follow-up session at a later stage to continue the learning curve of looking after our bodies and using techniques to counteract the MSK risk for sonographers.

We have also had some committee changes. Barbara Vanini and myself are now co-chairs for the NT Branch. Barbara Vanini was co-chair in the past but renounced in 2014 due to her Tennant Creek adventures.

Carol Brotherton has resigned from the committee and I would like to thank her for all she has done over the years!



She has put a lot of time and effort into the NT Branch, including many late nights sending emails and organising educational meetings. Carol and Barbara started the NT Branch and Carol's ongoing contribution and leadership has been instrumental in providing education and local support for top-end sonographers – keeping them informed and assisting them to complete their CPD points. Cheers, Carol!

I have been co-chair of the NT Branch for one year. Barb and I are looking forward to 2016 and we can assure you that our goal is to not only keep the NT Branch where it is, but hopefully take it to a new level.

I'd also like to acknowledge our newest committee member Sadie Atkins and ongoing committee member Helen Lassemillante.

Sheree White  
NT Branch Committee

## Queensland

The second half of 2015 featured a wide variety of educational events. On 11 July a half-day seminar with live scanning was held at the Central Queensland University, Brisbane campus, sponsored by Philips Healthcare and CQU. This event started off with participants rotating through four live scanning workshops: *Sonography of ankle ligaments* with Michelle Fenech, *Kidney/liver transplant patients* with Nicolette McCabe, *Intracranial lucency in the first trimester* with Stef Marr and *Performing 3D gynaecological imaging* with Deanne Chester. A poster quiz was conducted over the lunch break. The wrap up of the afternoon consisted of two lectures – *Groin hernias like you've never seen them before* presented by Chris Jansen and *Fetal echocardiography* presented by Gerrie Beirne. It was a wonderful day of learning and interaction.

On 26 August a case study evening was held at the Royal Brisbane Women's Hospital Education Centre featuring a range of interesting cases. Thank you to Quantum Healthcare and Samsung for sponsoring this event. Big thanks also to our presenters, especially the students who took part and those presenting for the first time. One of the reasons case study evenings are so popular is that they allow a large amount of information to be put forth in a small amount of time – this event was no exception. Though 10 CPD points and the satisfaction of sharing knowledge with peers is surely reward enough, congratulations to our lucky presenter who won the prize draw for the night – a brand new tablet, kindly donated by Samsung.

Though originally capped at 30 participants, demand was such that we had approximately 40 in attendance at the *Interactive obstetric case night* on 23 October held at Queensland Ultrasound for Women and proudly sponsored by GE Healthcare. This event involved both sonographers and obstetricians discussing a series of cases, from the imaging findings through to patient outcomes. This was a great way of providing insight on cases that are sometimes difficult to follow up in a general radiological practice setting. The format and content were well received and registrants enjoyed an informal learning environment, allowing discussion of basic and advanced imaging techniques, as well as novel treatments for pathologies such as spina bifida. One such case demonstrated the use of surgery in utero to rectify an open neural tube defect. This allowed continuation of the pregnancy and delivery of a baby who 18 months post delivery is now walking and meeting developmental milestones. The thoroughness, expertise and

enthusiasm of the presenters at this event were much appreciated.

Our last event for 2015 was a *Transplant education day* held on 28 November at the Russell Strong Auditorium, Princess Alexandra Hospital. This event was made possible by Philips Healthcare and featured the following presentations: *Liver transplant* presented by Professor Graeme Macdonald, *Kidney transplant* presented by Dr Vijay Kanagarajah, *Imaging of liver and kidney transplant* presented by Scott King, *En-bloc transplant* presented by Zeenat Khan and *Interesting transplant cases* presented by Nicolette McCabe. Live scanning concluded this event to help apply and solidify the theory. This event provided valuable information for attendees to better understand and apply imaging techniques for scanning transplant patients in future.

Many thanks to all of our presenters, sponsors, volunteers and attendees throughout the year – these excellent events would not be possible without you. We look forward to another full calendar of educational events in 2016!

Heather Allen  
Queensland Branch Committee

## South Australia

2015 has been a challenging year for the South Australia Branch, with only three committee members. We started the year with a well-attended virtual classroom on *Plantar plates* on the 17 February, hosted by Jessie Childs. The lack of committee members then translated to a lack of organisational capacity. A huge rally around resulted in a *Future Directions* meeting on 15 October that was attended by a large number of ultrasound unit heads and special guest Dr Stephen

Duns (ASA CEO). The future of the SA Branch was discussed and a calendar of events for 2016 was developed. The resounding feedback was that nobody wanted the SA Branch to cease. A huge thanks to everyone who attended and to those who put up their hand to assist with organising a speaker in 2016. An even bigger thanks and welcome to Alison Deslandes, Melissa Farnham, Julie Bakutis and Suzanne Marschall who signed up to be on the South Australia Branch committee.

The new committee organised a *Christmas case study* evening on 16 December with ease. The evening was well attended, with ten amazing presenters. The case studies were all of exceptional quality and the audience was treated to an eclectic mix of unusual and surprising cases. Cases ranged from the intriguing diagnosis of *Nerve calcification due to a past bout of leprosy* in the presentation by Matthew Bondarenko to the entertaining footage provided by Roger Gent of a surgeon attempting to 'catch' a bladder calcification in his talk titled *Hocus pocus*. Other stand-out presenters were Chrissy Rudd, Kate Paddick, Tony Parmiter, Alison Deslandes, Laura Lukic, Sandy Maranna, Paula Smart and Andrew Spurrier – who managed to score an abdominal patient with not an ounce of bowel gas!

We are all looking forward to a successful and educational 2016.

Jessie Childs  
SA Branch Committee



Presenters at the Victoria Branch case night

## Victoria

We have had a busy year in 2015 with exciting changes and opportunities for our Victorian Branch committee. Faye Temple and Jenny Parkes stepped down from the committee after years of outstanding service to ASA in this capacity. Sincere thanks to them both for all they have contributed. Faye is busy convening ASA2016 Melbourne conference and Jenny is reducing (slightly) her wide array of commitments. This has seen the committee lose some valued experience, but certainly not enthusiasm! We have recently welcomed some new committee members and have continued to present a strong educational program with excellent attendance throughout 2015.

We have enjoyed some real highlights in our education in the second half of 2015: *Upper limb MSK* live scanning Saturday morning workshop presented by Nicholas Bourke, Andrew Grant, Greg Lammers and Martine Chadwick was packed out. An evening on varicose veins, covering treatment, scanning approach and unusual sources of chronic venous insufficiency presented by Dr Claire Campbell (vascular surgeon), Jayne Chambers and Peter Coombs was very well attended and engaging. We had an excellent evening *Don't get your ovaries in a twist!* focusing on ovarian masses and cancer treatment update. *Treatment of ovarian cancer* was presented by Dr Simon Hyde

(gynaecological oncologist), *Tips and tricks for finding the difficult ovary* by Maria Maxfield (sonographer educator) and *Ultrasound classification of ovarian masses* by Dr Anna Lee (O&G sonologist).

Lastly, our annual interesting cases evening was a great success with 12 presenters providing us with some great cases. The 'Sherlock Holmes' award for best detective work was won by Angel Lee for *Establishing chorionicity by intertwin membrane haemorrhage*, the 'Star Wars' award for a case out of this world by Ingrid Peters with a *Liver ectopic*, the 'Chris Lilley' award for the most humorous case by Roger Lee for a case of *Scrotally herniated appendicitis* and a judges' encouragement award to Tim Huynh for a case of *Arm pain from lymphoma in the nerve sheath*. Well done to all who presented!

Exciting plans are already afoot for 2016. We will continue to identify and mentor new younger speakers. We wish to thank all our speakers who have given generously of their time and expertise to present. We must also thank all our corporate sponsors who are incredibly supportive of our committee and education.

Many of our committee are also involved in organising ASA2016 Melbourne, so we look forward to seeing you all there!

Carolynne Cormack  
Victoria Branch Committee



Monash Health sonographers at the Victoria Branch meeting



### Western Australia

It's been a busy six months for the Western Australia Branch with three educational meetings held.

In August The Western Australian Preterm Birth Prevention Initiative presented *The role of cervical length screening*. The Western Australian Preterm Birth Prevention Initiative aims to harness the Western Australian healthcare community and the women and families of our state to achieve the goal of safely lowering the rate of preterm birth by 15% over the next two years and 35% over five years. Prof. John Newnham, Michelle Pedretti and Dr Suzanne Meharry detailed their research and findings to date. Ultrasound measurement of the length of the cervix should be a routine component of the anatomy scan performed between 18 and 20 weeks' gestation. Pregnant women with a shortened cervix measuring between 10 and 20 mm in mid-pregnancy should be prescribed natural vaginal progesterone until 36 weeks' gestation. The website for further information and resources can be found at [www.thewholeninemonths.com.au](http://www.thewholeninemonths.com.au).

Marilyn Zelesco, lead sonographer at the new Fiona Stanley Hospital, spoke in October on *Highs, lows and interesting cases of a new ultrasound department*. We were all suitably impressed with the variety of ultrasounds performed in and out of the department. Marilyn and her colleagues could easily host an interesting cases night! Some of the features of the new hospital that were memorable included the automated guided vehicles that deliver linen, food and supplies; a dedicated isolated ward for the state's inmates; 783 beds, including the 140-bed state rehabilitation service; a 30-bed purpose-built mental health unit; and the state burns service. The hospital was opened in 4 stages, with medical imaging the first phase in October 2014.

In December we held our annual interesting cases evening. Yet again our WA colleagues did us proud with a great range of interesting cases from the past 12 months. The presentations were: *C-section scar ectopic* – Teena Anderson; *The whirlpool sign* – Andrea Mould; *Fetal pelvic mass* – Kathleen McLoughney; *An unusual cause of trigger finger* – Jan Mulholland; *Not so simple lumps and bumps* – Jonathon Sheehan; *The acute scrotum* – Tanika Blekkenhorst; *Black dog ride – Upper arm arterial case* – Jackie Saunders; *Focal nodular hyperplasia* – Allana Slater; *Penile fractures* – James Macko. The cases were outstanding! Congratulations to all of our presenters.

We would like to extend a warm welcome to our newest committee member, Krystie Regnault, and welcome back to Ariana Sorenson.

Nicole Cammack  
WA Branch Committee

### Wellington

This year seems to have flown by in a blur of activity and now we press on with planning next year's events! Here is our summary of the second half of 2015.

In August we were delighted to have the podiatrist Kim Tottenham as our guest speaker in a *Feet first* presentation. Kim works in a multidisciplinary environment with interests in sports footwear and the impact of lower limb biomechanics. This was an enjoyable evening with those attending coming away with some great strategies for scanning referrals from podiatrists, as well as some helpful tips on maintaining healthy foot biomechanics for ourselves.

November's meeting was on *Inflammatory arthritis, what the rheumatologist needs to know*. The small group heard from radiologist Dr Jaco van der Walt and Dr Paul Healy, SMO in rheumatology, speaking about their

perspectives in the role ultrasound has in the early detection of rheumatoid arthritis.

This became a cautionary tale on how to accurately and effectively communicate our findings in a language that the rheumatologists understand, as they find a lot of the terms we generally use in ultrasound unhelpful.

In addition to the Branch Education Meetings, we were fortunate to host a Travelling Workshop in November – the full house sign went up early and we had a great turnout for this event. Lisa Hackett and her workshop on *Ultrasound of the upper limb* was very well received. Sonographers here really appreciate Lisa's interactive, high energy approach to teaching. I think everyone went away with some great ideas on improving their own scan routines. A lot of sonographers were keen to sign up for next year's biomechanics Travelling Workshop.

So that has been our year, done and dusted! I would like to thank my committee members for their support and enthusiasm over this year; the ASA education team for their help and patience with the many questions I have fired at them (hopefully less next year guys!) And of course, the Wellington members who attend education meetings because without them this would all be for nothing.

We, as a branch, would also like to welcome our new next-door neighbours the MidCentral Branch and wish their team the best for their initial year. Don't worry, guys, it does get easier!

So, by the time this is printed everyone will be over their Christmas and New Year celebrations. Hopefully not too many bushfires in Australia and some consecutive sunny days here in Wellington will rekindle the desire for more education in 2016.

(Margaret) Lynn McSweeney  
Wellington Branch Committee

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# PD-asa report



## Welcome to 2016! A new year! A new plan!

No doubt you have reflected on your 2015 professional development achievements. Now it is time to switch your focus to planning for 2016 and beyond. Planning your CPD over a year or triennium is a critical component of an accredited sonographer's performance.

Start asking yourself:

- Where am I now?
- What are my short- and long-term goals?
- Is my professional knowledge increasing?

Five key steps to consider when planning in 2016:

1. Identify your career goals for 2016 and beyond.
2. Highlight the necessary gaps and skills required.

3. Plan and schedule your activities for 2016 via the ASA events calendar at [www.a-s-a.com.au](http://www.a-s-a.com.au).

4. Log your non-ASA activities as you complete them and retain all documentation securely.

5. Throughout the year continue to review, evaluate and adjust your learning relevant to your plan.

Managing your CPD is easy with PD-asa, with over 100 plus free CPD activities available to achieve learning opportunities to suit your lifestyle or busy schedules.

## Free activities that can be carried out over your triennium

### At home

Attend 12 asawebinars	12 points
Complete 12 CPD tests online	12 points
Complete 16 hours of self-directed learning via ASA Sonography journal	16 points
<b>Total</b>	<b>40 points</b>

## Local opportunities

Attend branch meetings	1 to 2 points
Attend Travelling Workshop	4.5 points
Present at local branch meetings or Travelling Workshops	10 points

## Gain points over one weekend

Attend ASA2016 Melbourne	17 points
Attend SIG2016 Queenstown	10 points

## Volunteering for

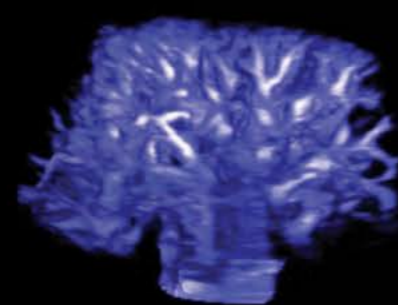
ASA branch committees	CPD points vary per branch 1 to 4 points earned per meeting
ASA SIG committees	CPD points vary per committee 1 to 4 points earned per meeting

Take the time to complete this process and create a professional development success for 2016.

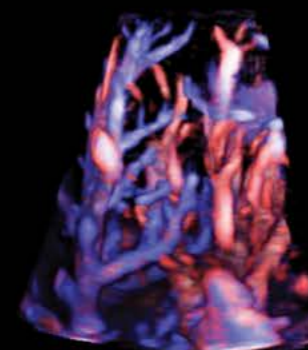
PD-asa is free to Ordinary and Student members of the ASA. To find out more, visit [www.a-s-a.com.au](http://www.a-s-a.com.au) or contact the PD-asa Program Coordinator: [cpd@a-s-a.com.au](mailto:cpd@a-s-a.com.au)

# TOSHIBA

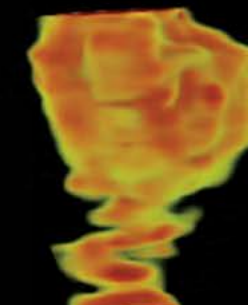
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## IT'S HERE



## making life easier

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# reader competition

The 2015 Reader Competition prize has been awarded to Jim Kalogianis as he correctly identified both cases in the December issue. Jim will receive a gift card. We only have a small number of entries each issue but I hope many more privately enjoy doing this challenge. Many people had two correct entries in 2015.

Please send your entries in throughout 2016 and we will keep a tally and award some prizes again next year.

In 2015 Tracey Taylor supplied a number of cases, so she will also receive a gift card.

## This issue's cases

### Case 1

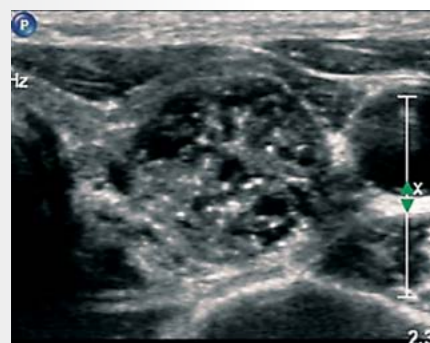
The patient was a 31-year-old in her second pregnancy. AFP was 1.5 and, overall, considered low risk on first trimester screening. She had no family history of birth defects.



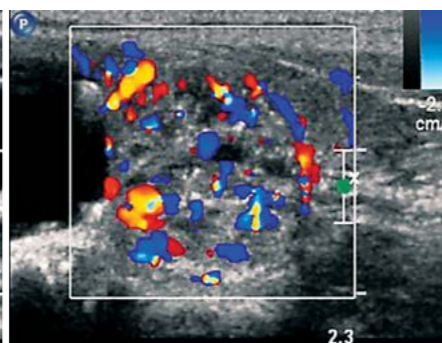
Case 1 image supplied by Tracey Taylor



Case 2 image supplied by Glenda McLean



Case 3 image supplied by Ilona Lavender



Case 2 image supplied by Glenda McLean

A 20-week morphology scan image is displayed here. What does this demonstrate?

The case was supplied by Tracey Taylor.

### Case 2

This image of a kidney is from a newborn who was born at term on day six of life. What pathology does this display?

Image supplied by Glenda McLean.

### Case 3

This 54-year-old female patient presented for a thyroid ultrasound with sub-clinical hypothyroidism. What suspicious features are demonstrated and what is the most likely diagnosis?

The image was supplied by Ilona Lavender.

Please email your answers to Glenda McLean [editor@a-s-a.com.au](mailto:editor@a-s-a.com.au)

## Last issue's cases

In the last issue there were two cases for readers to examine.

Case 1 was a thickened moderator band that is considered of no clinical significance.

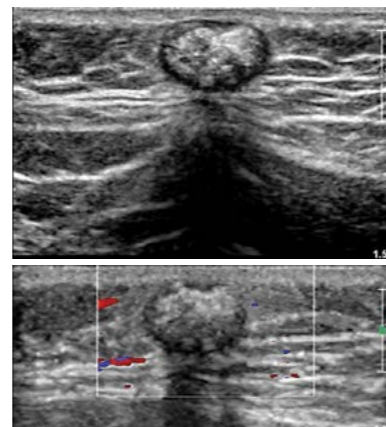
The correct answer was received from the following member: Jim Kalogianis.



Case 2 was a pilomatricoma or pilomatrixoma, which is an uncommon benign tumour associated with the hair follicle.

Correct answers were received from the following members: Sue Drinic, Angela Farley, Jim Kalogianis, Francoise Gould, Allison Holley, Gabriela Liu and Jeanette Porter.

Thanks to Tracey Taylor and Jing Fang for supplying these cases.



# The evolution of premium ultrasound

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## October – December 2015

The ASA is committed to providing quality academic and clinical education. Delivering continuing professional development (CPD) opportunities is vital to support the professional success of sonographers, enhancing the community's access to quality sonographic services.

From October to December 2015 the ASA held a diverse range of CPD educational activities throughout Australia and New Zealand. Thank you to our members who continuously support the ASA by volunteering their time to plan, organise and present at our educational activities every month.

## Australia

### Australian Capital Territory

**10 December**  
ACT Branch Education Meeting  
Toshiba Office, *Students and new graduates case study evening* sponsored by Toshiba

### Northern Territory

**23 November**  
Northern Territory Branch Education Meeting, Royal Darwin Hospital, *Pilates for sonographer health and wellbeing* by Encore Pilates, sponsored by AshMed

### Queensland

**12 October**  
Townsville/North Queensland Branch Education Meeting, Queensland X-Ray, *Interesting cases evening*

**21 October**  
Toowoomba/Darling Downs Branch Education Meeting, Toowoomba Base Hospital, *asawebinar Elbow*, presented by Brendan Goode

**23 October**  
Queensland Branch Education Meeting  
Queensland Ultrasound for Women  
*Obstetrics interesting cases evening*, sponsored by GE Healthcare

**28 October**  
Far North Queensland Branch Education Meeting, Cairns Hospital, *Tips for tops and taps – mono chorionic (MC) twins pathologies and scanning techniques*, presented by Sharlyn Ellis and Lee Williams

**10 November**  
Toowoomba/Darling Downs Branch Education Meeting, Toowoomba Base Hospital, *asawebinar Vascular sonography*, presented by Jacqui Robinson

**14 November**  
Sunshine Coast Travelling Workshop, Nambour General Hospital, *New approaches to venous imaging – arterial malformations*, presented by Debra Coghlan

**21 November**  
Brisbane Non-clinical Masterclass, Queensland University of Technology, *Session 1 – Delivering bad news, Session 2 – Difficult patient interactions*, presented by Vivienne Black

**28 November**  
Queensland Branch Education Meeting, Princess Alexandra Hospital, *Transplant education day, Liver transplant*, presented by Professor Graeme Macdonald, *Kidney transplant*, presented by Dr Vijay Kanagarajah, *Imaging of liver and kidney transplant*, presented by Scott King, *En-bloc transplant* presented by Zeenat Khan, *Interesting transplant cases*, presented by Nicolette McCabe, sponsored by Philips Healthcare

**4 December**  
Far North Queensland Branch Education Meeting, Rydges Esplanade Resort, *Interesting cases evening*

**9 December**  
Gold Coast Branch Education Meeting, Paradise Ultrasound Specialists, *Fibroids and infertility*, presented by Dr Alwyn Dunn

**9 December**  
Mackay Branch Education Meeting, Mackay Base Hospital, *asawebinar Paediatric hips*, presented by Glenda McLean, sponsored by GE Healthcare

**9 December**  
Toowoomba/Darling Downs Branch Education Meeting, Toowoomba Base Hospital, *asawebinar Paediatric hips*, presented by Glenda McLean

### Western Australia

**13 October**  
Western Australia Branch Education Meeting, Fiona Stanley Hospital, *Highs, lows and interesting cases of a new ultrasound department*, presented by Marilyn Zelesco, sponsored by Toshiba

**28 November**  
Bunbury Travelling Workshop, Sanctuary Golf Resort, *Making the diagnosis in MSK injury*, presented by Scott Allen, partly sponsored by Westcoast Radiology

**1 December**  
Western Australia Branch Education Meeting, Sir Charles Gairdner Hospital, *Interesting cases evening*, sponsored by GE Healthcare

### Victoria

**17 October**  
Melbourne Non-clinical Masterclass, Multicultural Hub AMES, *Session 1 – Delivering bad news, Session 2 – Difficult patient interactions*, presented by Joy Boyd

**27 October**  
Victoria Branch Education Meeting, St Vincent's Hospital, *Gynaecological sonography – Don't get your ovaries in a twist, Treatment of ovarian cancer*, presented by Dr Simon Hyde

*Tips and tricks for finding the difficult ovary* presented by Maria Maxfield, *Ultrasound classification of ovarian masses*, presented by Dr Anna Lee, sponsored by GE Healthcare

**1 December**  
Victorian Branch Education Meeting, St Vincent's Hospital, *Christmas case study evening*

### New South Wales

**10 October**  
Sydney Non-clinical Masterclass, University of Technology Sydney, *Session 1 – Delivering bad news, Session 2 – Difficult patient interactions*, presented by Vivienne Black

**21 October**  
Riverina Branch Education Meeting, Regional Imaging Riverina, *asawebinar Elbow sonography*, presented by Brendan Goode

**24 October**  
Orange Travelling Workshop, Orange Health Service, *Fetal heart – Basic, better, best*, presented by Dr Ann Quinton

**10 November**  
Riverina Branch Education Meeting, Regional Imaging Riverina, *asawebinar Vascular sonography*, presented by Jacqui Robinson

**21 November**  
Port Macquarie Travelling Workshop, UNSW Rural Clinical Theatre, *Abdominal and renal sonography*, presented by Faye Temple

**25 November**  
New South Wales Branch Education Meeting, *Toshiba Australia 5 slides in 5 minutes – Interesting cases evening*, sponsored by Toshiba

**9 December**  
Riverina Branch Education Meeting, Regional Imaging Border, *asawebinar Paediatric hips*, presented by Glenda McLean

### South Australia

**15 October**  
South Australian Branch Education Meeting, University of South Australia, *Future directions and planning meeting for South Australia Branch*, hosted by Stephen Duns

**16 December**  
South Australia Branch Education Meeting, University of South Australia, *Christmas case study evening*

### Tasmania

**24 October**  
Hobart Travelling Workshop, Royal Hobart Hospital, *New approaches to venous imaging – arterial malformations*, presented by Debra Coghlan

**25 November**  
Tasmania Branch Education Meeting, Calvary Hospital, *Interesting cases evening – 5 slides in 5 minutes*

### New Zealand

#### Auckland–Waikato

**10 October**  
Auckland Travelling Workshop, Horizon Radiology, *Basic, Better, Best – Fetal Heart*, presented by Dr Ann Quinton

### Wellington

**4 November**  
Wellington Branch Education Meeting, Hutt Hospital, *Inflammatory arthritis: what does the rheumatologist want to know?* presented by Dr Jaco van der Wal and Dr Paul Healy, sponsored by Pacific Radiology

**21 November**  
Wellington Travelling Workshop, Wakefield Education Centre, *MSK Upper Limb*, presented by Lisa Hackett

### Webinars

**21 October**  
*Elbow sonography* presented by Brendan Goode, sponsored by Philips Healthcare

**26 November**  
*The ASE/EACVI 2015 Echo Quantification Guidelines – Implications for daily clinical practice in Australia and New Zealand*, presented by Gillian Whalley, sponsored by Philips Healthcare

**10 December**  
*Vascular sonography*, presented by Jacqui Robinson, sponsored by Philips Healthcare

**14 December**  
*Paediatric hips*, presented by Glenda McLean, sponsored by Philips Healthcare





# committee members

## Board of Directors

President: Tony Forshaw  
**president@a-s-a.com.au**  
Vice President: Tony Parmitter  
Directors: Jennifer Alphonse, Erika Cavanagh, Sarah Colley, Steve Mackintosh, Silvano Palladino, Ann Quinton, Lars Schiphorst

## Finance and Risk Committee

Lars Schiphorst (Chair), Sarah Colley, Silvano Palladino, Carolyn Todhunter (Secretariat)

## Branch Committees

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Committee – Carolyn Enthoven

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Secretary – Deborah Carmody  
Treasurer – Joanne Weir  
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Committee – Kristine Lawless

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Vice Chairperson – Julie Cahill  
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Vice Chairperson – Tony Chapman  
Secretary – Saheeda Zotter  
Treasurer – Piyal Kitulagodage  
Committee – Simon Otis

### Mackay

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Committee – Amy Leigh, Sherida Williams, Carole Murray

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Secretary – Gail Petersen

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Treasurer – Solange Obeid  
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Treasurer – Kristen Colleton

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Treasurer – Amanda Chan  
Trade liaison – Sharon Stafford  
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Trade liaison – In-suk Cho  
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## Special Interest Group Committees

Joining an ASA Special Interest Group (SIG) Committee is a great way to advance your professional development and share your expertise and experience. It is also an excellent way to expand your skills and knowledge and exchange ideas with other highly experienced sonographers from diverse backgrounds who are working in the same discipline or who have the same special interest.

### SIG Breast

Alison Arnison, Ramya Gunjur, Frauke Lever, Jenny Parkes

### SIG Cardiac

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### SIG Musculoskeletal

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### SIG Obstetric and Gynaecological

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### SIG Paediatric

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### SIG Research

Heidi Croxson, Anna Graves, Ling Lee, Afrozoo Najafzadeh, Kerry Thoires

### SIG Vascular

Tony Lightfoot, Anne Pacey, Bronwyn Parslow, Jacqui Robinson, Lucy Taylor  
Poster – Greg Curry, Gavin Clifton

### SIG WH&S

Samantha Brinsmead, Sandy Chamberlain, Lynette Hassall, Bernadette Mason, Liz Naseby, Catherine Robinson

# committee members

## Other committees

### ASA2016 Melbourne Annual International Conference Program Committee

Faye Temple – Convenor  
Margaret Condon – Scientific Coordinator  
Emily Connell, Carolynne Cormack, Diane Jackson (Cardiac), Lynne Johnson, Amelia Jones, Jane Keating, Penny Kokkinos, Greg Lammers, Frauke Lever, Resa Lowry, Jenny Parkes, Sharron Stafford, Judy Wills, Steve Zakic

### SIG2016 Queenstown Symposium Program Committee

Steve Mackintosh, Deborah Mackintosh, Lisa Hackett, Greg Lammers

### Education Advisory Committee

Chairperson – Peter Coombs  
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### Sonographer Advancement Working Party

Vicki Ashfield-Smith, James Brooks-Dowsett, Erika Cavanagh, Stephen Duns, Jill Dykstra, Tony Forshaw, Sandhya Maranna, Rod McGregor, Tony Parmitter, Simon Stanton.

**To contact any of the ASA committees, please email [admin@a-s-a.com.au](mailto:admin@a-s-a.com.au)**

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As the peak body and leading voice for sonographers, the ASA leads our profession in delivering excellence in sonography for the community.

Our goals are to:

- be a world leader in providing sonographer education and research
- promote and advocate the highest possible professional standards
- enhance the role of the profession as the registered experts in medical sonography
- provide exceptional member value
- deliver organisational excellence as a professional association.

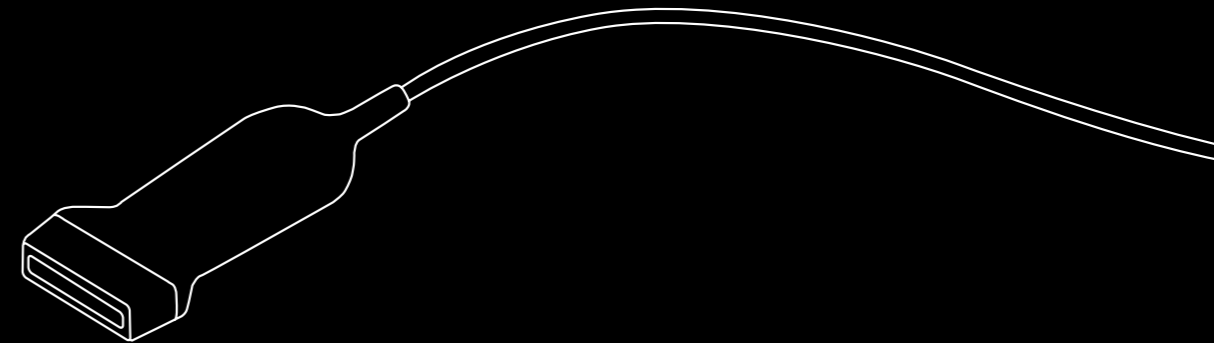
## ASA Office

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W www.a-s-a.com.au

Membership and insurance enquiries should be directed to:

Membership Coordinator  
Carly McDougall  
members@a-s-a.com.au



# SIG2016 QUEENSTOWN

THE 12TH ANNUAL SPECIAL INTEREST GROUP SYMPOSIUM  
OF THE AUSTRALASIAN SONOGRAPHERS ASSOCIATION  
Hilton Queenstown Resort and Spa, Queenstown, NZ, 10–11 September 2016





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