

## ANZSRS 2008 Program - Friday 28 March and Saturday 29 March

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### Friday 28 March

1300-1700	ANZSRS Board Meeting	<i>Howqua 4, Level 2</i>
1500-1900	Registration desk opens	<i>Foyer, Level 3</i>
1830-2030	<b>ANZSRS Welcome Reception</b> <i>Sponsored by Medtechnica</i> Melbourne Aquarium – The Upper Deck	

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### Saturday 29 March

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0800-1700	Registration desk open	<i>Foyer, Level 3</i>
0830-0845	<b>Welcome</b> LOC Chair and President, ANZSRS	<i>Bellarine 4/5, Level 5</i>
0845-1030	<b>Keynote Speakers</b> <u>Chairs:</u> Debbie Burton, NSW & Lorraine Leversha, VIC INTERSTITIAL LUNG DISEASE - PATHOPHYSIOLOGY, PHYSIOLOGICAL MARKERS Chris Zappala, Royal Brisbane Hospital, QLD	<i>Bellarine 4/5, Level 5</i>
0845		
0940	RESPIRATORY MUSCLES - INSPIRATORY MUSCLE FUNCTION IN HEALTH AND DISEASE Simon Gandevia, Prince of Wales Medical Research Institute, NSW	
1030-1100	<b>Morning Tea &amp; Trade Exhibition</b>	<i>You Yangs Hall, Level 3</i>
1100-1230	<b>Concurrent Sessions</b> <b>Concurrent Stream 1 – Sponsored by Ascencia</b>	<i>Bellarine 4/5, Level 5</i>
1100	<u>Chairs:</u> Faizel Hartley, VIC & Matthew Ellis, VIC PULMONARY REHABILITATION AND INTERSTITIAL LUNG DISEASE Anne Holland, The Alfred, VIC	
1140	EXERCISE TESTING IN INTERSTITIAL LUNG DISEASE Jeff Pretto, John Hunter Hospital, NSW	
1100	<b>Concurrent Stream 2</b> <u>Chairs:</u> Peter Rochford, VIC & Gary Nolan, WA RESTRICTIVE LUNG DISEASE IN PAEDIATRICS Andrew Wilson, Princess Margaret Hospital, WA	<i>Bellarine 2/3, Level 5</i>
1140	NIV IN RESTRICTIVE LUNG DISEASE David Berlowitz, Austin Hospital, VIC	
1230-1330	<b>Lunch &amp; Trade Exhibition</b>	<i>You Yangs Hall, Level 3</i>

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- 1330-1500**      **Oral Session 1**      ***Bellarine 4/5, Level 5***  
(Including Young Investigator Award nominees)  
Chairs: David Robiony-Rogers, NZ & Pam Liakakos, VIC
- 1330      **AO 01** ENERGY EXPENDITURE MEASUREMENT AS AN ADJUNCT TO THE 6 MINUTE WALK TEST (6MWT) [*YIA Nominee*]  
Bolton DA, Schoeffel RE, Tekstra-Kay C, Simmul R, King GG
- 1345      **AO 02** LACK OF TIME AND KNOWLEDGE ARE BARRIERS TO SPIROMETRY IN THE PRIMARY CARE SETTING [*YIA Nominee*]  
O'Dea C, Burton D, Comsa M
- 1400      **AO 03** LUNG VOLUME MEASUREMENTS BY GAS DILUTION: TOWARDS EVIDENCE BASED WAIT TIME BETWEEN TESTS [*YIA Nominee*]  
Salamon ER, Gain KR, Hall GL
- 1415      **AO 04** VENTILATION HETEROGENEITY MEASURED BY SINGLE PHOTON EMISSION COMPUTED TOMOGRAPHY/COMPUTED TOMOGRAPHY (SPECT/CT) AND MULTIPLE BREATH NITROGEN WASHOUT (MBNW) IN ASTHMA [*YIA Nominee*]  
Walsh CE, Harris BE, Bailey DL, Salome CM, Berend N, Downie SR, King GG
- 1430      **AO 05** EXHALED BREATH TEMPERATURE IN HEALTHY CHILDREN IS INFLUENCED BY ROOM TEMPERATURE AND LUNG VOLUME [*YIA Nominee*]  
Logie KM, Dragovic S, Kusel MMH, Sly PD, Hall GL
- 1445      **AO 06** MOLECULAR MASS USING AN ULTRASONIC FLOW METER TRACKS PHASE III FROM VOLUME CAPNOGRAPHY IN INFANTS  
Nolan G, Stick SM, Schultze S, Brennan S, Sly P, Frey U, Pillow J, Hall GL
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- 1500-1530**      **Afternoon Tea & Trade Exhibitions**      ***You Yangs Hall, Level 3***
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- 1530-1700**      **Keynote Speakers**      ***Bellarine 4/5, Level 5***  
Chairs: Paul Guy, VIC & Alison Boynton, NSW
- 1530      WHY MEASURE LUNG MECHANICS IN RESTRICTIVE DISEASE IN THE ICU?  
Andrew Bersten, Flinders Medical Centre, SA
- 1615      PATHOPHYSIOLOGY OF FAILURE TO WEAN FROM MECHANICAL VENTILATION  
Martin Tobin, Edward Hines, Jr. VA Hospital, Illinois, US
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- 1900-midnight**      **ANZSRS Conference Dinner**  
***Sponsored by Mayo Healthcare***  
Crown – Studio 3

## ANZSRS 2008 Program - Sunday 30 March

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- 0730-1830** Registration Desk open
- 0900-0945** **Keynote Speaker** *Bellarine 4/5, Level 5*  
Chairs: Bruce Thompson, VIC & Christine Nathan, WA  
IMAGING OF RESTRICTIVE LUNG DISEASE  
Samantha Ellis, The Alfred, VIC
- 0945-1030** **Physiological Measurement**  
USING STATIC AND DYNAMIC LUNG VOLUME MEASUREMENTS TO  
DETECT RESTRICTIVE LUNG DEFECTS  
Danny Brazzale, Austin Hospital, VIC
- USING MIPS, MEPS AND SNIP TO MEASURE RESPIRATORY MUSCLE  
STRENGTH  
Brenton Eckert, Princess Alexandra Hospital, QLD
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- 1030-1100** **Morning Tea & Trade Exhibition** *You Yangs Hall, Level 3*
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- 1100-1230** **Poster Session**  
Chairs: Lily Daviskas, NSW & David Schembri, SA  
1100-1145 Poster Manning *Bellarine 6/7, Level 5*  
1145-1230 Poster Discussion *Bellarine 4/5, Level 5*
- AP 01** FLOW-DEPENDENCE OF ANATOMICAL DEAD SPACE AND  
RELATIONSHIP TO SPIROMETRY IN HEALTHY SUBJECTS  
Chan JC, Walls JT, Walters EH, Reid D, Johns DP
- AP 02** ACINAR HETEROGENEITY IS DETECTED IN PATIENTS WITH  
CHRONIC BRONCHITIS  
Thompson BR, Lewis A, Raven J, Borg B, Abramson M
- AP 03** PERIPHERAL AIRWAY FUNCTION DECLINES FOLLOWING  
ALLOGENEIC BONE MARROW TRANSPLANTATION  
Schoeffel R, Reid C, Greenwood M, Downie S, King G
- AP04** HOME-BASED SPIROMETRIC AND INSPIRATORY CAPACITY  
MEASUREMENTS IN SEVERE COPD ARE REPRODUCIBLE  
Rochford P, Antoniadis N, Pretto J, Pierce R, Gogler J, Steinkrug J,  
McDonald C
- AP05** COPD AND CHF IN AN ELDERLY RURAL POPULATION  
Burton D, Milic N, Greenough R
- AP 06** CHANGES IN CROSS POWER SPECTRA OF INTER-LEAD ECG AT  
OBSTRUCTIVE SLEEP APNEA TERMINATION  
Khandoker A, Karmakar C, Palaniswami M
- AP 07** DIFFERENTIATING CENTRAL AND OBSTRUCTIVE SLEEP APNEA  
EVENTS IN ECG RECORDINGS  
Khandoker A, Karmakar C, Palaniswami M

## ANZSRS 2008 Program - Sunday 30 March

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<b>AP 08</b>	MENTHOL THROAT LOZENGE USE DOES NOT AFFECT THE DLCO MEASUREMENT <u>Harle R</u> , Ruedinger L, Eckert B	
<b>AP 09</b>	CARDIOPULMONARY EXERCISE TEST QUALITY CONTROL PROGRAMS. DO WE NEED INTER-LABORATORY BIOLOGICAL CONTROL COMPARISONS? – A PILOT STUDY <u>Coates AD</u> , Savage J, Holiday SA, D'auria S	
<b>AP 10</b>	REVISED HISTORICAL SPIROMETRY REFERENCE RANGES UNDERESTIMATE CONTEMPORARY HEALTHY SPIROMETRY VALUES <u>Hall GL</u> , Beasley R, Coates A, McLachlan C, Dent A, Nolan G and Swanney M for the ANZSRS Reference Ranges Working Party	
<b>1230-1330</b>	<b>Lunch &amp; Trade Exhibition</b>	<b><i>You Yangs Hall, Level 3</i></b>
<b>1330-1500</b>	<b>Oral Session 2</b>	<b><i>Bellarine 4/5, Level 5</i></b>
	<u>Chairs:</u> Leanne Rodwell, QLD & Sonya Johnston, SA	
1330	<b>AO 07</b> AMBULATORY OXYGEN ASSESSMENT SHOULD BE PLACEBO CONTROLLED <u>Eckert B</u> , Zagami D, Hukins C, Tran K	
1345	<b>AO 08</b> AIR TRAVEL HYPOXEMIA VERSUS THE HYPOXIA INHALATION TEST IN PASSENGERS WITH RESTRICTIVE LUNG DISEASE <u>Kelly PT</u> , Swanney MP, Beckert LE	
1400	<b>AO 09</b> SERIAL CHANGE ON CHEST RADIOGRAPHY IN SARCOIDOSIS: OPTIMAL SCORING AS JUDGED BY CORRELATIONS WITH SERIAL PULMONARY FUNCTION TESTS <u>Zappala CJ</u> , Desai SR, Copley SJ, Spagnolo P, Hansell DM, Cramer D, du Bois RM, Wells AU	
1415	<b>AO 10</b> EFFECT OF IDIOPATHIC PULMONARY ARTERIAL HYPERTENSION ON RESPIRATORY AND PERIPHERAL MUSCLES Effeney TP, Seale H, Hall K, <u>Chang AT</u>	
1430	<b>AO 11</b> LARGE MEALS DO NOT AFFECT LUNG FUNCTION TEST RESULTS IN PATIENT GROUPS <u>McKeon E</u> , Burton D, Gain K	
1445	<b>AO 12</b> LABORATORY USAGE HABITS AND DELIVERED SALBUTAMOL DOSE IN COMMONLY USED SPACERS IN AUSTRALIA AND NEW ZEALAND <u>Hall GL</u> , Annese T, Looi K, Devadason S	
<b>1500-1530</b>	<b>Afternoon Tea &amp; Trade Exhibition</b>	<b><i>You Yangs Hall, Level 3</i></b>
<b>1530-1630</b>	<b>ANZSRS AGM</b>	<b><i>Bellarine 4/5, Level 5</i></b>
<b>1630</b>	<b>Award Presentation</b> President, ANZSRS	
<b>1645</b>	<b>Close of ASM</b> LOC Chair and President, ANZSRS	

## ANZSRS 2008 Program - Monday 31 March

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- 0645**                    **Registration Desk open**
- 0715-0815**            **TSANZ Breakfast Session 1 - Hosted by ANZSRS**                    *Bellarine 1, Level 5*  
Chairs: Norbert Berend, NSW & Maureen Swanney, NZ  
EVIDENCE-BASED MEDICINE: ANOTHER NAKED EMPEROR  
Martin Tobin, Edward Hines, Jr. VA Hospital, Illinois, USA
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- 0900-1230**            **Workshop 1: Introduction to Clinical Research**                    *Bellarine 1, Level 5*  
Chairs: Mike Brown, QLD & Paul Kelly, NZ  
0900-1030            INTRODUCTION TO BIOSTATISTICS  
Don Campbell, Monash University, VIC
- 1030-1100**            **Morning Tea & Trade Exhibition**                    *You Yangs Hall, Level 3*
- 1100-1230            HOW TO WRITE A MANUSCRIPT  
Martin Tobin, Edward Hines, Jr. VA Hospital, Illinois, USA
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- 0900-1230**            **Workshop 2: Preparing for the CRFS Examination - Lung Parenchyma**                    *Bellarine 2, Level 5*
- 0900                    Chair: Peter Rochford, VIC  
INTRODUCTION - THE CRFS EXAM  
Peter Rochford, Austin Hospital, VIC
- 0920                    ANATOMY AND PHYSIOLOGY  
Matthew Ellis, The Alfred, VIC
- 0940                    PATHOPHYSIOLOGY  
Celia Lanteri, Austin Hospital, VIC
- 1030-1100**            **Morning Tea & Trade Exhibition**                    *You Yangs Hall, Level 3*
- 1100                    TESTS OF LUNG PARENCHYMAL FUNCTION  
Danny Brazzale, Austin Hospital, VIC
- 1145                    INTERPRETATION OF TESTS OF PARENCHYMAL FUNCTION  
Sonja Johnston, Royal Adelaide Hospital, SA
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- 1230-1330**            **Lunch & Trade Exhibition**                    *You Yangs Hall, Level 3*
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- 1330-1530**            **Combined ANZSRS/TSANZ Paediatric SIG Symposium**  
***Lung Function Testing in Pre-School Children: Ready for Clinics?***                    *Bellarine 4/5, Level 5*  
Chairs: Sarath Ranganathan, VIC & Graham Hall, WA
- 1330                    INTRODUCTION  
Sarath Ranganathan, VIC
- 1340                    OVERVIEW OF ROLE OF TESTS IN CLINICAL PRACTICE  
Peter Sly, Telethon Institute of Child Health, WA

## ANZSRS 2008 Program - Monday 31 March

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- 1405 USE OF SPIROMETRY IN YOUNG CHILDREN  
Liam Welsh, Institute of Child Health, UK
- 1430 MEASUREMENTS OF RESISTANCE IN YOUNG CHILDREN  
Graham Hall, Princess Margaret Hospital for Children, WA
- 1455 OVERVIEW AND PITFALLS OF APPROPRIATE REFERENCE DATA  
Maureen Swanney, Christchurch Hospital, NZ
- 1520 CONCLUSION  
Sarath Ranganathan, VIC
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**1530-1600 Afternoon Tea & Trade Exhibition *You Yangs Hall, Level 3***

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**1600-1730 *TSANZ/ANZSRS Combined Physiology Symposium:***  
***Masterclass in Static Lung Volumes* *Bellarine 4/5, Level 5***  
Chairs: Greg King, NSW & Bruce Thompson, VIC

- 1600 PHYSIOLOGY  
David McKenzie, Prince of Wales Hospital, NSW
- 1620 MEASUREMENT  
Jeffrey Pretto, John Hunter Hospital, NSW
- 1645 INTERPRETATION  
Iven Young, Royal Prince Alfred Hospital, NSW
- 1705 MAXIMAL LUNG VOLUMES – FIXED OR FLEXIBLE  
Leigh Seccombe, Concord Repatriation General Hospital, NSW