

ANZSRS 2008 Program - Friday 28 March and Saturday 29 March

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	ANZSRS Welcome Reception <i>Sponsored by Medtechnica</i> Melbourne Aquarium – The Upper Deck	

Saturday 29 March

0800-1700	Registration desk open	<i>Foyer, Level 3</i>
0830-0845	Welcome LOC Chair and President, ANZSRS	<i>Bellarine 4/5, Level 5</i>
0845-1030	Keynote Speakers <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	Morning Tea & Trade Exhibition	<i>You Yangs Hall, Level 3</i>
1100-1230	Concurrent Sessions <i>Concurrent Stream 1 – Sponsored by Ascencia</i>	<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	<i>Concurrent Stream 2</i> <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	Lunch & Trade Exhibition	<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

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

1030-1100 **Morning Tea & Trade Exhibition** *You Yangs Hall, Level 3*

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, Antoniadou 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

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AP 08	MENTHOL THROAT LOZENGE USE DOES NOT AFFECT THE DLCO MEASUREMENT <u>Harle R</u> , Ruedinger L, Eckert B	
AP 09	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	
AP 10	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	
1230-1330	Lunch & Trade Exhibition	<i>You Yangs Hall, Level 3</i>
1330-1500	Oral Session 2	<i>Bellarine 4/5, Level 5</i>
	<u>Chairs:</u> Leanne Rodwell, QLD & Sonya Johnston, SA	
1330	AO 07 AMBULATORY OXYGEN ASSESSMENT SHOULD BE PLACEBO CONTROLLED <u>Eckert B</u> , Zagami D, Hukins C, Tran K	
1345	AO 08 AIR TRAVEL HYPOXEMIA VERSUS THE HYPOXIA INHALATION TEST IN PASSENGERS WITH RESTRICTIVE LUNG DISEASE <u>Kelly PT</u> , Swanney MP, Beckert LE	
1400	AO 09 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	AO 10 EFFECT OF IDIOPATHIC PULMONARY ARTERIAL HYPERTENSION ON RESPIRATORY AND PERIPHERAL MUSCLES Effeney TP, Seale H, Hall K, <u>Chang AT</u>	
1430	AO 11 LARGE MEALS DO NOT AFFECT LUNG FUNCTION TEST RESULTS IN PATIENT GROUPS <u>McKeon E</u> , Burton D, Gain K	
1445	AO 12 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	
1500-1530	Afternoon Tea & Trade Exhibition	<i>You Yangs Hall, Level 3</i>
1530-1630	ANZSRS AGM	<i>Bellarine 4/5, Level 5</i>
1630	Award Presentation President, ANZSRS	
1645	Close of ASM LOC Chair and President, ANZSRS	

ANZSRS 2008 Program - Monday 31 March

- 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

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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*

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