



ANZSRS ASM Program

FRIDAY 3 APRIL

1400-1700	ANZSRS Board Meeting	Meeting Room 4
1700-2000	Registration desk opens	Main Foyer
1830-2030	ANZSRS Welcome Reception <i>Sponsored by Mortara</i>	Waterfront Foyer

SATURDAY 4 APRIL

0800	Registration desk opens	Foyer
0820-1000	Plenary Session – Telemedicine Chairs – Debbie Burton, NSW & Phillip Munoz, VIC	Waterfront 1&2
	Official Welcome	
0830	INTEGRATED CARE SERVICES FOR RESPIRATORY PATIENTS: TIME FOR DEPLOYMENT Josep Roca, Spain	
0920	INFORMATION TECHNOLOGY AND COMMUNICATING RESPIRATORY DATA Jeff Pretto, NSW	
0945	NEW INTERNET VIDEOCOLLABORATION TOOLS FOR RESPIRATORY RESEARCH? David Parsons, SA	
1000-1030	Morning Tea and Trade Exhibition	Exhibition Hall 1&2
1030-1200	Concurrent Sessions	
1030-1200	A: Primary Care Chairs – Paul Kelly, NZ & Christine Nathan, WA	Waterfront 1&2
1030	WHAT DO WE KNOW ABOUT SPIROMETRY IN AUSTRALIAN PRIMARY CARE?	
1055	WHAT STRATEGIES ARE BEING EMPLOYED TO ENHANCE PRIMARY CARE SPIROMETRY?	
1120	PRIMARY CARE TESTS OF LUNG FUNCTION: THE FUTURE Debbie Burton, David Johns, Alan Crockett, SA	
1030-1200	B: Paediatric Indigenous Health Chairs – Graham Hall, WA & Margaret McElrea, QLD	Waterfront 3
1030	PREVALENCE OF ASTHMA IN INDIGENOUS CHILDREN Alan James, WA	
1100	RESPIRATORY ISSUES IN ABORIGINAL AND TORRES STRAIT ISLANDER CHILDREN Anne Chang, QLD	
1130	PROBLEMS WITH EVIDENCE: DIFFICULTIES IN THE APPLICATION OF RESEARCH STUDY TO ABORIGINAL AND TORRES STRAIT ISLANDER CHILDREN Peter Morris, NT	
1200-1300	Lunch and Trade Exhibition	Exhibition Halls 1&2
1300-1415	Concurrent Oral Presentations	
	Session A Chairs – Leigh Seccombe, NSW & Chris O’Dea, NSW	Waterfront 1&2
1300	AO 01 RESTING AND EXERCISE RESPONSE TO ACUTE ALTITUDE EXPOSURE IN PATIENTS WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE <u>Paul T Kelly</u> , Maureen P Swanney, Josh D Stanton, Chris Frampton, Matthew J Peters, Lutz E Beckert	
1315	AO 02 COGNITIVE FUNCTION DURING ACUTE ALTITUDE EXPOSURE IN PATIENTS WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE <u>Josh D Stanton</u> , Paul T Kelly, Maureen P Swanney, Lutz E Beckert	



- 1330 **AO 03** PREVENTION OF AIRWAY NARROWING FOLLOWING MANNITOL INHALATION IN SUBJECTS WITH BRONCHIECTASIS
Peter J Briffa, Sandra D Anderson, Deborah L Burton, Iven H Young
- 1345 **AO 04** BRONCHIAL PROVOCATION TEST (BPT) IMPROVEMENT IN DEFENCE FORCE RECRUITING (DFR) APPLICANTS AFTER LOW DOSE INHALED STEROID (LDIS)
Glenn M Thomas, Igor Nikitins, Aspasia Malavazos
- 1400 **AO 05** SPONTANEOUS RECOVERY FROM METHACHOLINE INDUCED BRONCHOCONSTRICTION MEASURED BY MULTIPLE BREATH NITROGEN WASHOUT (MBNW) IN ASTHMA
Catherine E Walsh, Cheryl M Salome, Norbert Berend, Gregory G King
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- 1300-1415 **Session B** *Waterfront 3*
Chairs – Leanne Rodwell, QLD & Sharon Lagan, WA
- 1300 **AO 06** PRELIMINARY AUSTRALIAN LUNG AGE EQUATIONS
Wendy Newbury, Alan Crockett, Jonathan Newbury
- 1315 **AO 07** QUALITY ASSURANCE IN THE PERFORMANCE OF SPIROMETRY
M Faizel Hartley, Bruce R Thompson, Brigitte M Borg
- 1330 **AO 08** FORCED EXPIRATORY TIME MEASURED WITH SPIROMETRY AND AUSCULTATION FOR IDENTIFYING AIRWAY OBSTRUCTION
Maureen P Swanney, Josh Stanton, Kathryn Wilson, Paul T Kelly, Christopher O’Dea, Lutz Beckert, Chris Frampton
- 1345 **AO 09** REMOTE MONITORING IN CHRONIC OBSTRUCTIVE PULMONARY DISEASE (COPD) DOES NOT REDUCE HOSPITAL ADMISSIONS OR IMPROVE QUALITY OF LIFE WHEN COMPARED TO STANDARD BEST PRACTICE CARE
Peter D Rochford, Nick C Antoniadis, Jeffery J Pretto, Robert J Pierce, Janet Gogler, Julie Steinkrug, Ken Sharpe, Christine F McDonald
- 1400 **AO 10** THE DEVELOPMENT OF COPD IN A COHORT STUDY OF CHILDHOOD ASTHMA
Haily Tran, Andrew Tai, Mary Roberts, Nadeene Clarke, John Wilson, Bruce Thompson, Colin Robertson
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- 1415-1445 **Afternoon Tea and Poster Viewing** *Waterfront Foyer*
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- 1445-1615 **Concurrent Poster Presentations**
- Poster Session A** *Waterfront 1&2*
Chairs – Kevin Gain, WA & Catherine Walsh, NSW
- AP 01** COMPARISON BETWEEN PLETHYSMOGRAPHIC TOTAL LUNG CAPACITY (TLC) FROM HEALTHY SUBJECTS AND PUBLISHED REFERENCE VALUES
Stephen N West, John R Wheatley
- AP 02** FIFTEEN YEARS OF INTER-LABORATORY QUALITY CONTROL
Rebecca L Harper, Paul G Rogers, Sonya D Johnston, Andrew T Thornton
- AP 03** SHORT-TERM BIOLOGICAL CONTROL STABILITY FOR AN ULTRASONIC AND ROLLING SEAL SPIROMETER
Josh D Stanton, Christopher O’Dea, Maureen P Swanney
- AP 04** COMPARISON OF PATIENT PREFERENCE AND DIAGNOSTIC CATEGORIZATION FOR FORCED, SLOW, AND 6 SECOND VITAL CAPACITY MANOEUVRES
Maureen P Swanney, Lutz E Beckert, Josh D Stanton, Paul T Kelly, Chris Frampton
- AP 05** STATIC LUNG VOLUMES USING THE PREFERRED OR ALTERNATE METHODS MAY BE USED INTERCHANGEABLY IN THOSE WITH NORMAL OR MODERATE OBSTRUCTION ON SPIROMETRY
Brigitte M Borg, Bruce R Thompson
- AP 06** PANTING AND RESTING MEASUREMENTS OF THORACIC GAS VOLUME BY PLETHYSMOGRAPHY ARE INTERCHANGEABLE
Robin Schoeffel, C Htun, C Tekstra-Kay, DA Bolton, GG King
- AP 07** COMPARISON OF 6-SECOND AND 10-SECOND BREATH-HOLD METHODS FOR THE MEASUREMENT OF DLCO IN PATIENTS WITH DIFFERENT VENTILATORY FUNCTION PATTERNS
Yuguang Zhang, Cathy Schultz, Erin Howarth, Trevor Borgas





- AP 08** CORRECTION OF TLCO FOR CARBOXYHAEMOGLOBIN ALTERS CLASSIFICATION OF SEVERITY OF DYSFUNCTION
Sue Jones, DJ Brazzale, PD Rochford, CF McDonald, G Nolan
- AP 09** FINGER PRICK HAEMOGLOBIN SAMPLING ADDS SIGNIFICANT UNCERTAINTY TO CORRECTED DLCOsb MEASUREMENTS
Melanie J Toomey, Sonya D Johnston, Andrew T Thornton
- AP 10** PREVALENCE of COPD in healthcare workers WHO are current or past smokers
Kristin Southwell, KT Sowe, CF McDonald, G Nolan
- AP 11** NORMAL RESTING GAS EXCHANGE DOES NOT EXCLUDE A SIGNIFICANT SHUNT AS MEASURED BY THE 100% OXYGEN TECHNIQUE
Danny J Brazzale, Christine F McDonald, Gary Nolan, Peter D Rochford

Poster Session B

Waterfront 3

Chairs – Mike Brown, QLD & David Robiony-Rogers, NZ

- AP 12** MEASUREMENTS OF ACINAR VENTILATION AFTER LUNG TRANSPLANTATION
Y Hodgson, S Verbanck, GG King, MJ Ellis, GI Snell, BR Thompson
- AP 13** EARLY INHOMOGENEITY OF CONDUCTIVE VENTILATION POST LUNG TRANSPLANT IS ASSOCIATED WITH LUNG REPAIR
Bruce R Thompson, A Bourdin, NA Mifsud, MJ Ellis, P Liakakos, GI Snell, TC Kotsimbos
- AP 14** A METHODOLOGY TO DESCRIBE AIRWAY COMPLIANCE AS A 3-DIMENSIONAL SURFACE
Vanessa J Kelly, Nathan J Brown, Greg G King, Bruce R Thompson
- AP 15** MONITORING INDIVIDUAL POLLUTANT PARTICLE BEHAVIOR ON INTACT LIVE AIRWAYS USING SYNCHROTRON X-RAY IMAGING
M Donnelley, K Morgan, A Fouras, K Uesugi, N Yagi, K Siu, David Parsons
- AP 16** FLOW-DEPENDENCE OF ANATOMICAL DEADSPACE - WITHIN AND BETWEEN SESSION VARIABILITY
JT Walls, A Short, R Longley, David Johns
- AP 17** PERCEPTION OF INDUCED ACUTE BRONCHOSPASM IN ELITE ATHLETES
Georgina Psomiadis, Lena Ramondetta, Mara Kazins, Tim Dimitriadis
- AP 18** THE 'NORMAL' RESPONSE TO A HYPOXIC ALTITUDE SIMULATION TEST
Nicole Leonardis, Ana Herrero, Sean Homan, Donna Keatley
- AP 19** ASSESSMENT OF THE ON-BOARD PRACTICES OF AIRLINES FOR PASSENGERS REQUIRING OXYGEN DURING AIR TRAVEL
Brigitte K Mason, Adam Jaffe
- AP 20** ASSESSING THE ACCURACY OF THE HYPOXIA CHALLENGE TEST TO PREDICT IN-FLIGHT HYPOXIA IN INFANTS
Claire E Shackleton, Catherine Ko, Kelly Morgan, John Wong, Stephen M Stick, Mary J Sharp, Graham L Hall
- AP 21** ALTERED LUNG FUNCTION IN CHILDREN BORN WITH BRONCHOPULMONARY DYSPLASIA:
A PILOT STUDY
Karla M Logie, Andrew C Wilson, Graham L Hall
- AP 22** LOOKING INTO THE FUTURE OF DOMICILIARY OXYGEN
Ana M Herrero, Lydia Kotal
- AP 23** A REVIEW OF INFECTION CONTROL PROCEDURES IN RESPIRATORY LABORATORIES AND WARDS IN NSW
Brooke Fallon, Merylese Mercieca, Lindy Ryan, Sheila Hamm

1615-1645 **ANZSRS AGM**

Waterfront 1&2

1830-0000 **ANZSRS Conference Dinner** (refer page 9 for details of coach transfers)
Sponsored by Cardinal Health

Pee Wees at the Point



0800	Registration desk opens	
0830-1000	Conjoint TSANZ ANZSRS Plenary 1 – The Challenge of Indigenous Health Chairs – Christine Jenkins, NSW	<i>Auditorium 2</i>
0830	ALASKAN NATIVE ISSUES Rosalyn Singleton, USA	
0900	AUSTRALIAN ABORIGINAL ISSUES Paul Torzillo, NSW	
0930	NZ MAORI ISSUES Ramon Pink, New Zealand	
1000-1030	Morning Tea and Trade Exhibition	<i>Exhibition Halls 1&2</i>
1030-1200	Conjoint TSANZ ANZSRS Plenary 2 – Predicted Values and Ethnicity Chairs – Robert Jensen, USA & Gary Nolan, WA	<i>Auditorium 2</i>
1030	LUNG FUNCTION REFERENCE VALUES: FACING THE CHALLENGES Josep Roca, Spain	
1110	PREDICTED VALUES BASED ON ETHNICITY: IT'S NOT BLACK AND WHITE Andrew Thornton, SA	
1140	MOVING THE GOALPOSTS: TESTING THE VALIDITY OF HISTORIC PREDICTED VALUES Graham Hall, WA	
1200-1300	Lunch and Trade Exhibition	<i>Exhibition Halls 1&2</i>
1300-1500	ANZSRS/TSANZ Joint Session Masterclass: Debate – <i>The FEF25-75 should be removed from the pulmonary function report on Flow Limitation</i> Moderators – Bruce Thompson, VIC & Greg King, NSW Introduction – Robert Jensen, USA Pro: Brigitte Borg, VIC & Alan James, WA Con: Jeff Pretto, NSW & Norbert Berend, NSW	<i>Waterfront 1&2</i>
1500-1530	Afternoon Tea and Trade Exhibition	<i>Exhibition Halls 1&2</i>
1530-1645	Oral Presentations Session C Chairs – Lily Daviskas, NSW & Andrew Thornton, SA	<i>Waterfront 1&2</i>
1530	AO 11 DLCO VARIES BETWEEN RESPIRATORY FUNCTION SYSTEMS <u>DA Bolton</u> , RE Schoeffel, C Tekstra-Kay, C Htun, RA Berghouse, S Lahzami, GG King	
1545	AO 12 REDUCED RESPIRATORY REACTANCE IN CHILDREN BORN PRE-TERM IS NOT RELATED TO LUNG VOLUMES <u>Maureen Verheggen</u> , AC Wilson, J Pillow, SM Stick, GL Hall	
1600	AO 13 The EFFECT OF SHORT ACTING BRONCHODILATORS ON THE COMPLIANCE OF AIRWAY DIAMETER AND LENGTH <u>Vanessa J Kelly</u> , Nathan J Brown, Greg G King, Bruce R Thompson	
1615	AO 14 EFFECTS OF CHANGING REFERENCE VALUES ON INTERPRETATION OF SPIROMETRY <u>Allyson L Upward</u> , Jeffrey J Pretto, Danny J Brazzale, Michael J Hensley	
1630	AO 15 ANALYSIS OF VENTILATION HETEROGENEITY (VH) WITH HYPERPOLARIZED HELIUM MAGNETIC RESONANCE IMAGING (HPHEMRI) FOLLOWING INHALED METHACHOLINE (MCH) AND MANNITOL (MNT) CHALLENGES IN ASTHMATIC SUBJECTS <u>Bruce Thompson</u> , G Cowin, MEJ Friese, D Maillet, D Wang, B Eckert, J Upham, B Harris, G King, F Thien	
1645-1745	Plenary Session - Comparative Physiology Chair – Sonya Johnston, SA	<i>Waterfront 1&2</i>
1645	ANIMAL SOLUTIONS TO RESPIRATORY PROBLEMS Roger Seymour, SA	
1745	Prizes and close of ANZSRS meeting	





TSANZ/
ANZSRS
2009
Annual
Scientific
Meetings

Conference Handbook

MONDAY 6 APRIL 2009

0700	Registration desk opens	<i>Main Foyer</i>
0830-1100	Research Workshop	<i>Waterfront 2</i>
0830	DATA PRESENTATION AND STATISTICS Peter Catchside, SA	
1000	HOW TO GIVE A PRESENTATION Roger Seymour, SA	
	Tea and coffee and light refreshments will be served in the room	
0830-1100	CRFS Workshop This year's workshop will focus on aspects of static lung volumes measurement and interpretation.	<i>Meeting Rooms 3 & 4</i>
0830	THE CRFS EXAM Peter Rochford, VIC	
0845	DEFINITIONS AND MEASUREMENT David Johns, TAS	
1015	PHYSIOLOGICAL DETERMINANTS Gary Nolan, VIC	
	Tea and coffee and light refreshments will be served in the room	

