

Australian & New Zealand Society of Respiratory Science Inc.

1999 Annual Scientific Meeting Canberra, Australian Capital Territory. 26-28 February 1999

Guest Speakers:

Professor Jack Clausen

Clinical Professor of Medicine
University of California Medical Centre
San Diego, California, USA.

Dr David Martin

Australian Institute of Sport
Canberra, Australian Capital Territory, Australia.

Dr Christine McDonald

Respiratory Physician
Department of Respiratory Medicine
Austin & Repatriation Medical Centre, Heidelberg, Victoria, Australia

Dr Allan Hahn

Australian Institute of Sport
Canberra, Australian Capital Territory, Australia.

Dr Sandra Anderson

Respiratory Scientist
Department of Respiratory Medicine
Royal Prince Alfred Hospital, Camperdown, New South Wales, Australia.

Scientific Program

Oral Presentations

BRONCHIAL PROVOCATION TESTING USING INHALED MANNITOL: AN ANALYSIS OF THE FIRST 169 ADULT ASTHMATIC SUBJECTS.

John Brannan, Sandra D. Anderson, Ruth Freed, Joerg Leuppi, Heikki Koskela, Joanne Spring, Natasha Spalding, Leanne Rodwell and Kak-Kim Chan.

Department of Respiratory Medicine, Royal Prince Alfred Hospital, Camperdown, New South Wales.

VARIATION OF TRANSEPITHELIAL POTENTIAL DIFFERENCE WITH LOCATION AND EPITHELIAL CELL TYPE IN MOUSE NASAL AIRWAYS.

P.J. Hopkins and D.W. Parsons

Department of Pulmonary Medicine, Womes's and Children's Hospital, South Australia.

*DRY POWDER MANNITOL INCREASES CLEARANCE OF MUCUS IN PATIENTS WITH BRONCHIECTASIS.

E. Daviskas, S.D. Anderson, S. Ebert, H-K Chan and G. Bautovich.

Department of Respiratory Medicine, Royal Prince Alfred Hospital, Camperdown, New South Wales.

BREATH ALCOHOL TESTING IN PATIENTS WITH RESPIRATORY DISABILITY.

Jeff Pretto, Morris Odell, James Natsis and Christine McDonald.

Department of Respiratory Medicine, Austin & Repatriation Medical Centre, Heidelberg, Victoria.
LOW INCIDENCE OF SPIROMETRY MEASUREMENT IN YOUNG ADULTS WITH
ASTHMA IN THE RIVERINA, NSW.

Deborah Burton, Geoff McKenzie and Elizabeth Comino.

School of Biomedical Sciences, Charles Sturt University, Wagga Wagga, New South Wales.

IMPULSE OSCILLOMETRY AND UPPER AIRWAYS OBSTRUCTION.

Alan Crockett, Michelle Rozee and Robyn Paton.

Respiratory Unit, Flinders Medical Centre, Bedford Park, South Australia.

SPIROMETRIC AND DLCO PREDICTED VALUES FOR THE PACIFIC ISLANDS
POPULATION.

L. Milivojevic-Poleksic, W. Ferguson, J. Kolbe, A. Wells and A. Moody.

Respiratory Medicine, Green Lane Hospital, Auckland, New Zealand.

*EFFECTS OF V/D INHOMOGENEITY AND LUNG MIXING INEFFICIENCY ON
MEASURED TLCO IN A COMPUTERISED LUNG MODEL.

Bruce R. Thompson, G. Kim Prisk, Robert J. Pierce and Peter D. Rochford.

Department of Respiratory Medicine, Austin & Repatriation Medical Centre, Heidelberg, Victoria.

PREDICTION OF MAXIMUM VENTILATION IN PATIENTS WITH CHRONIC
OBSTRUCTIVE PULMONARY DISEASE.

Annette Dent, Ian Yang and Paul Zimmerman.

Department of Thoracic Medicine, The Prince Charles Hospital, Brisbane, Queensland.

UK JOB EXCHANGE EXPERIENCE: FISH & CHIPS vs MEAT PIES.

Belinda Breust

Department of Respiratory Medicine, Princess Alexandra Hospital, Brisbane, Queensland.

*Joint winners of Best Oral Presentation

Poster Presentations

EXERCISE PERFORMANCE AND OXYGEN ENRICHMENT.

U. Khong, L. Ramondetta, M. Kazins, T.A. Demis and M.C.F. Pain.

Respiratory Laboratory, Department of Thoracic Medicine, The Royal Melbourne Hospital,
Victoria.

**STANDING HEIGHT PERCENTILE EFFECTS THE TRANSITIONAL CHANGE FROM
PAEDIATRIC TO ADULT SPIROMETRY REFERENCE VALUES.

Andrew Coates.

Department of Physiological Measurement, Mater Misericordiae Hospitals, Brisbane, Queensland.

IMPROVED QUALITY CARE FROM THE CLIENT'S PERSPECTIVE.

Michelle Rozee, Alan Crockett and Robyn Paton.

Respiratory Unit, Flinders Medical Centre, Bedford Park, South Australia.

HAEMOGLOBIN MEASURED IN THE RESPIRATORY LABORATORY BY THE
HAEMOCUE IS ACCURATE AND SUITABLE FOR CORRECTION OF CO TRANSFER
FACTOR.

Lynne Brown, Paul James, Belinda Miller, David Cunnington and Harry Teichtahl.

Department of Respiratory Medicine, Western Hospital, Victoria.

NORMAL VALUES FOR NASAL AIRFLOW RESISTANCE IN ADULT, CAUCASIAN
AUSTRALIANS.

Stephen West, Karen Bythm, Peter Briffa, Philomena Mayrhofer, Clare Perry and John R.

Wheatley.

Department of Respiratory Medicine , Westmead Hospital, Westmead, New South Wales.

INHALED MANNITOL IDENTIFIES METHACHOLINE RESPONSIVE CHILDREN WITH CURRENT ASTHMA.

John Brannan, Padmaja Subbarao, Bernie Ho, Sandra D. Anderson, Kak-Kim Chan and Allan L. Coates.

Department of Respiratory Medicine, Royal Prince Alfred Hospital, Camperdown, New South Wales.

EVALUATION OF A CONTINUOUS EXHALATION METHOD FOR MEASURING DLCO.

A. Herrero, S. Homan, N.Saccoia, D. Figurski and A.M. Southcott.

Respiratory Medicine Unit, The Queen Elizabeth Hospital, Woodville, South Australia.

FMLP DOES NOT IMPAIR CILIARY BEAT FREQUENCY IN CAL.

A.M. Hansford, J. Rutland, R.U. De Iongh, M.J. Peters, B. Graham, M.J. Matheson and N.

Berend.

Department of Thoracic Medicine, Concord Hospital, Sydney, New South Wales.

IS A FOUR MINUTE WAIT BETWEEN DUPLICATE TLCO MEASUREMENTS NECESSARY?

Danny J. Brazzale and Jeffrey J. Pretto.

Department of Respiratory Medicine, Austin & Repatriation Medical Centre, Heidelberg, Victoria.

A CRITICAL EVALUATION OF THE MEFAR DOSIMETER.

R.J. Ward, P. Liakakos, R.F. Leonard, D.W. Reid, D.P. Johns and E.H. Walters

Department of Respiratory Medicine, Alfred Hospital, Prahran, Victoria.

** Best poster presentation winner

Symposium – Exercise in Athletes and in Lung Disease

LIMITATION TO EXERCISE

Prof. Jack Clausen, University of California, San Diego, USA.

PHYSIOLOGICAL EFFECTS OF TRAINING

Dr David Martin, Australian Institute of Sport, Canberra.

PULMONARY REHABILITATION

Dr Christine McDonald, Department of Respiratory Medicine, Austin & Repatriation Medical Centre, Heidelberg, Victoria.

REDUCTION IN SKELETAL MUSCLE OXIDATIVE CAPACITY PRE & POST LUNG TRANSPLANTATION IN BOTH EMPHYSEMA AND BRONCHIECTASIS.

Dr Judy Morton, Department of Respiratory Medicine, Prince Charles Hospital, Brisbane, Queensland.

PHYSIOLOGICAL EFFECTS OF ALTITUDE TRAINING

Dr. Allan Hahn, Australian Institute of Sport, Canberra.

EXERCISE INDUCED ASTHMA

Dr. Sandra Anderson, Royal Prince Alfred Hospital, New South Wales.

Tour of AIS Training/Laboratory Facilities