

Australian & New Zealand Society of Respiratory Science Inc

12th Annual Scientific Meeting

Lorne, Victoria

13-14 April, 1991

Invited Speakers: **Professor David Denison**
Department of Clinical Physiology
National Heart & Lung Institute. London. UK.

Dr Stephen Newman
The Royal Free Hospital
London. UK.

Scientific Program

Oral Presentations

AN ALTERNATIVE RAPID METHOD FOR MEASURING AIRWAY
RESPONSIVENESS – COMPARISON WITH ESTABLISHED METHODS.

David A Schembri, Usha Ranjalingam, Alan J Crockett, Richard E Ruffin.
Respiratory Function Unit, Flinders Medical Centre, Bedford Park. SA.

ASSESSMENT OF THE ACCURACY OF PEAK EXPIRATORY FLOW
MEASUREMENTS (PEF) IN DETERMINING THE DEGREE OF REVERSIBILITY OF
AIRWAY OBSTRUCTION – A COMPARISON WITH FEV1.

S Filsell, S Homan, D Campbell, R Ruffin.
Thoracic Medicine Unit, The Queen Elizabeth Hospital, Woodville. SA.

EVALUATION OF A REBREATHING TECHNIQUE FOR MEASURING CARBON
MONOXIDE TRANSFER FACTOR (TLCO_{rb}).

David P Johns, Brigitte Borg, Eleonora A Side.
Lung Function Laboratory, Dept Respiratory Medicine, Alfred Hospital, Prahan. Vic.

A CASE REPORT OF CHEYNE-STOKES RESPIRATION PRE AND POST
SUCCESSFUL HEART TRANSPLANTATION.

T Barr, M Claydon, B Miller, G Bowes.
Dept Respiratory Medicine, Alfred Hospital, Prahan. Vic.

EVALUATION OF THE QUINTON INSTRUMENT Co. Q-PLEX I
CARDIOPULMONARY EXERCISE SYSTEM: DESCRIPTION.

A Shearman, A Dent.
Respiratory Investigation Unit, The Prince Charles Hospital. Brisbane. Qld.

EVALUATION OF THE QUINTON INSTRUMENT Co. Q-PLEX I
CARDIOPULMONARY EXERCISE SYSTEM: VALIDATION & REPRODUCIBILITY.

B Eckert, P Esselbach.

Dept. Clinical Measurement, Princess Alexandra Hospital. Brisbane. Qld.

DEVELOPMENT OF A COMPUTERISED METHOD DETERMINING PRESSURE-
VOLUME RELATIONSHIPS OF THE LUNG IN RESPIRATORY PATIENTS.

Stephen Lambert & Nigel Lovell.

Respiratory Function Unit, Concord Hospital. NSW.

CORRELATION OF K Vs CAT SCAN SCORE IN THE EVALUATION OF
PULMONARY EMPHYSEMA – PRELIMINARY OBSERVATIONS.

PL Clements, TJ Dillon, T Geake, RL Walsh, R Scicchitano, A Thornton & G McLennan.

Dept Thoracic Medicine, Royal Adelaide Hospital. SA.

A QUESTIONNAIRE BASED STUDY OF INTERLABORATORY VARIABILITY OF
LUNG VOLUMES BY THE CLOSED CIRCUIT INERT GAS DILUTION TECHNIQUE.

David Johns, Jeffrey Pretto, Peter Rochford.

Alfred, Austin & Heidelberg Repatriation Hospitals. Vic.

COMPARISON OF NORMOBARIC Vs HYPOBARIC HYPOXIA ALTITUDE
SIMULATION TESTS IN NORMAL AND PATIENTS WITH COPD.

P Rochford, M Naughton, J Pretto, R Pierce, N Cain, V Nursey, G Boothby, L Irving.

Respiratory Function Unit, Repatriation General Hospital, Heidelberg. Vic.

PROBLEMS WITH RESPIRATORY DEVICES REPORTED TO THE THERAPEUTIC
DEVICES BRANCH (TDB).

RL Ferrari, I Lyall, D Robertson, A Cleeland, M Vanlith, G Ciddor.

Therapeutic Devices Branch, Therapeutic Goods Association. Commonwealth Department of
Community Services & Health.

LOW PD20 HISTAMINE PREDICTS MORE RAPID RECOVERY FROM HISTAMINE-
INDUCED BRONCHOCONSTRICTION.

M Peters, S Lambert, A Ekmejian, A Hansford, A Breslin, N Berend.

Dept. Thoracic Medicine, Concoed Hospital, Sydney. NSW.

CITRIC ACID INDUCED COUGHING AND NON-CHOLINERGIC NERVE
MEDIATED BRONCHOCONTRICION IN GUINEA PIGS ARE SUPPRESSED BY
ACTIVATION OF OPIOD RECEPTORS.

M Rechtman, J Callaway, R King, A Boura.

Dept of Pharmacology, Monash University. Vic.

A METHOD OF ASSESSING SMALL AIRWAYS DYSFUNCTION UTILIZING
PAIRED HELIUM DILUTIONS.

A Ekmejian, S Lambert, J Law, A Hansford & G Cossa.

Respiratory Unit, Concord Hospital, Sydney. NSW.

Keynote Speakers

OPTIMAL DELIVERY OF AEROSOLS IN THE RESPIRATORY LABORATORY.

Dr Stephen Newman.

The Royal Free Hospital. London. UK.

RESPIRATORY PHYSIOLOGY DURING DIVING.

Professor David Denison.

Poster Presentations

ASSESSMENT OF THE ACCURACY OF PULSE OXIMETERS.

MJ Howard, TJ Barr, BR Miller, FA Whitehead, DP Johns.

Dept Respiratory Medicine, Alfred Hospital, Prahan. Vic.

COMPARISON BETWEEN THE MORGAN AND JAEGER BODY
PLETHYSMOGRAPHS.

P Liakakos, CM Ingram, DP Johns.

Lung Function Laboratory, Dept Respiratory Medicine, Alfred Hospital, Prahan. Vic.