

# Australian & New Zealand Society of Respiratory Science Inc.

## 1987 Annual Scientific Meeting Newcastle, New South Wales. 2-3 May, 1987

**Guest Speaker:**     **Dr Les Olson**  
Royal Newcastle Hospital  
Newcastle, New South Wales.

### Scientific Program

#### Oral Presentations

EVALUATION OF THE MINATO AS-500 SPIROMETER.

Paul A. Guy and Judith A. Roget.  
Lung Function, Alfred Hospital, Prahran, Victoria.

THE EFFECT OF HISTAMINE CHALLENGE ON PLATELET COUNT AND PLATELET ACTIVATION.

C.J. Duggan, M.D. Parmentier, W.D. Castle and N. Berend.  
Department of Thoracic Medicine, Royal North Shore Hospital, Sydney, New South Wales.

A PRELIMINARY REPORT OF BRONCHIAL HYPERREACTIVITY (BHR) TO METHACHOLINE IN SA RURAL SCHOOLCHILDREN.

D.A. Schembri and A.J. Crockett.  
Respiratory Unit, Department of Medicine, Flinders Medical Centre, Bedford Park, South Australia.

ASTHMA: THE SEARCH FOR A "GOLD STANDARD".

A.J. Crockett.  
Respiratory Unit, Flinders Medical Centre, Bedford Park, South Australia.

THE EFFECT OF INDOMETHACIN ON THE HYPERINFLATION INDUCED BY CONTINUOUS POSITIVE AIRWAY PRESSURE BREATHING IN MAN.

C.J. Duggan, R. Simmul and N. Berend.  
Department of Thoracic Medicine, Royal North Shore Hospital, St. Leonards, New South Wales.

THE EFFECT OF CARBON MONOXIDE BACK PRESSURE ON THE ALVEOLAR CARBON MONOXIDE UPTAKE FRACTION.

S. Pike, H. McIntyre and E.A. Harris.  
Clinical Physiology Department, Green Lane Hospital, Auckland, New Zealand.

PULMONARY FUNCTION IN POTENTIAL HEART TRANSPLANT PATIENTS.

Peter G. Rogers, Peter Gibson, Owen Jenkins and David Bryant.  
Respiratory Function Laboratory, St. Vincent's Hospital, Darlinghurst, New South Wales.

BETA-ENDORPHIN AND THE VENTILATORY RESPONSE TO HYPERCAPNIA IN HUMANS.

Mark Levick, Nicholas Saunders, Roger Smith and Margaret Lovelock.  
Faculty of Medicine, University of Newcastle, Newcastle, New South Wales.

A LABORATORY ASSESSMENT OF THE BENEFIT OF SUPPLEMENTAL OXYGEN ON EXERCISE ENDURANCE AND BREATHLESSNESS IN PATIENTS WITH LUNG DISEASE.

P.J. Baldock, S.D.R. Homan and W.J.H Leckie.

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

AN OVER-ALL FUNCTION TEST.

H. Imberger

Biomedical Engineering, Repatriation General Hospital, Heidelberg, Victoria.

DIFFUSION LIMITED PULMONARY ARTERIOVENOUS ANASTAMOSSES.

Stephen West and Stephen Cala.

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