

# **Australasian Society of Respiratory Technology**

## **1983 Annual Scientific Meeting Canberra, Australian Capital Territory. 13 – 14 August, 1983.**

### **Guest Speakers**

**Allan Hahn**

Canberra College of Advanced Education, Australian Capital Territory

**Sandra Anderson**

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

**John Carlson**

Human Performance Laboratory  
Footscray Institute of Technology, Victoria.

**Brian Graham**

Department of Medicine  
University of Saskatchewan, Saskatchewan, Canada.

**John Gross**

Centre for Sports Studies  
Canberra College of Advanced Education, Australian Capital Territory.

### **Scientific Program**

#### **Oral Presentations**

**LUNG FUNCTION TEST AUDIT.**

Margaret M. Smith, Michael C. Keating and David P. Johns.  
Alfred Hospital, State Electricity Commission and Austin Hospital, Victoria.

**QUALITY CONTROL IN THE RESPIRATORY FUNCTION LABORATORIES ANOTHER  
MAN'S VIEW.**

A.J. Crockett and K. Michael Kangalee.  
Respiratory Unit, Flinders Medical Centre, South Australia (Presented by D. Schembri).

**ACCURACY AND REPRODUCIBILITY OF PEAK FLOW METERS.**

Geraldine Hanna.  
Respiratory Laboratory, Concord Hospital, New South Wales.

**MECHANISMS OF REFRACTORINESS IN EXERCISE-INDUCED ASTHMA.**

Allan G. Hahn and Stephen G. Nogrady.  
Canberra College of Advanced Education and Royal Canberra Hospital, Australian Capital  
Territory.

**EXERCISE-INDUCED ASTHMA: STATE OF THE ART.**

S.D. Anderson and R.E. Schoeffel.  
Department of Thoracic Medicine, Royal Prince Alfred Hospital, New South Wales.

MEASUREMENT OF CENTRAL AND PERIPHERAL CARDIOVASCULAR RESPONSES TO EXERCISE – AN EXAMINATION OF A NON-INVASIVE TECHNIQUE.

John Carlson

Human Performance Laboratory, Footscray Institute of Technology, Victoria.

METHODS OF ACHIEVING OPTIMAL BRONCHODILATOR DELIVERY BY METERED AEROSOLS.

Janet Shaw

Respiratory Investigation Unit, The Prince Charles Hospital, Queensland.

DETERMINATION OF A LABORATORY PROTOCOL TO ASSESS THE RESPONSIVENESS OF PATIENTS WITH CHRONIC AIRFLOW LIMITATION TO IPRATROPIUM BROMIDE.

Catherine Kelly.

Respiratory Investigation Unit, The Prince Charles Hospital, Queensland.

USE OF A MINI-COMPUTER FOR PRESENTATION OF QUANTITATIVE DATA FROM SLEEP STUDIES.

R. Douglas McEvoy, David Sharp, Andrew Thornton and Kustas Tiivas.

Thoracic Medicine Laboratory, Royal Adelaide Hospital, South Australia.

ON LINE ANALYSIS OF GAS EXCHANGE USING A TRACER TO MEASURE VENTILATION.

S. Homan

The Queen Elizabeth Hospital, South Australia.

OVERESTIMATION OF THE SINGLE BREATH CO DIFFUSING CAPACITY IN PATIENTS WITH AIRFLOW OBSTRUCTION.

Brian L. Graham, Joseph T. Mink and David J. Cotton.

Department of Medicine, University of Saskatchewan, Saskatchewan, Canada.

THE MEASUREMENT OF AIRWAY OBSTRUCTION AND POSSIBLE ESTIMATION OF LUNG ELASTIC RECOIL.

Hennig Imberger

Repatriation General Hospital, Victoria.

REVIEW OF OXYGEN CONCENTRATORS AS A SOURCE OF LONG TERM DOMICILIARY OXYGEN.

A.J. Crockett and Rein Simmul.

Respiratory Unit, Flinders Medical Centre, South Australia and Respiratory Investigation Unit, Royal North Shore Hospital, New South Wales.

MAXIMIZING EFFORT FOR THE CHILD, ADULT, AND THE SERIOUSLY ILL, ON PULMONARY FUNCTION TESTS.

John B. Gross

Centre for Sports Studies, Canberra College of Advanced Education, Australian Capital Territory.

EAR OXIMETRY: A COMPARATIVE STUDY.

Andrew G. Wallace and Judith A. Roget.

Lung Function, Alfred Hospital, Victoria.

EAR OXIMETRY: A COMPARATIVE STUDY NO. 2.

R. Berghouse, W. Castle, D. Silver and Rein Simmul.

Respiratory Investigation Unit, Royal North Shore Hospital, New South Wales.