

# **Australian & New Zealand Society of Respiratory Science Inc**

## **14th Annual Scientific Meeting**

**Manly, NSW**

**24-25 April, 1993**

Invited Speakers:

**Sandra Anderson**

Royal Prince Alfred Hospital, Sydney. NSW.

**Sue Ballard**

Westmead Hospital, Sydney. NSW.

**Hamish Crawford**

Westmead Hospital, Sydney. NSW.

**Kevin Gain**

Wellington Hospital. Wellington. NZ.

**Michael Kangalee**

M&M Protection Consultants, Vancouver. Canada.

**Mark MacKay**

Westmead Hospital, Sydney. NSW.

**Stephen McNamara**

University of Sydney, Sydney. NSW.

**Andrew Thornton**

Royal Adelaide Hospital, Adelaide. SA.

## **Scientific Program**

### **Oral Presentations**

**EFFECTS OF SAMPLE STORAGE TIME, TEMPERATURE AND SYRINGE TYPE ON BLOOD GAS TENSIONS IN HIGH OXYGEN SAMPLES.**

JJ Pretto, PD Rochford.

Respiratory Laboratory, Austin Hospital. Heidelberg. Vic.

**ASSESSMENT OF DELIVERY SYSTEMS (PUMP & NEBULISER) FOR NEBULISED BUDESONIDE AND SALBUTAMOL.**

A Herrero, S Homan, R Ruffin.

Thoracic Medicine Unit, The Queen Elizabeth Hospital. Woodville SA.

REBREATHING METHOD FOR MEASURING TLCO & FRC IN NEONATAL LAMBS.  
DP Johns, A Jakubowski, G McMrab & R Harding  
Dept. Respiratory Medicine, Alfred Hospital. Prahan. Vic.

A COMPUTER SYSTEM FOR THE CONTINUOUS MEASUREMENT OF LUNG  
RESISTANCE IN A LARGE ANIMAL MODEL OF ASTHMA.  
AT Thornton, K Tiivas, AJ Rice, S Schilling, AM Reynolds, R Scicchitano.  
Dept. Thoracic Medicine, Royal Adelaide Hospital. Adelaide. SA.

ENTRAINMENT AND THE MECHANICAL LINKAGE BETWEEN RESPIRATORY  
MUSCLES AND EXERCISING LIMBS.  
MP Swanney, DE Stewart, TE Tanner.  
Respiratory Physiology Laboratories, Christchurch Hospital. Christchurch. NZ.

FLOW-VOLUME CHANGES IN OBSTRUCTIVE SLEEP APNOEA (OSA) AND BRIEF  
UPPER AIRWAY DYSFUNCTION (BUAD).  
PA Guy, PD Rochford, CJ Worsnop, K Salomon, AH Campbell, RJ Pierce.  
Dept. Respiratory Medicine, Heidelberg Repatriation Hospital. Heidelberg. Vic.

SOLUBLE GAS UPTAKE MEASUREMENTS OF PULMONARY BLOOD FLOW:  
VARIATIONS WITH V/Q, MIXING EFFICIENCY AND REBREATHING PATTERN.  
BR Thompson, PD Rochford, RJ Pierce.  
Respiratory Function Unit, Heidelberg Repatriation Hospital. Heidelberg. Vic.

### **Keynote Speakers**

DOES QUALITY CONTROL LEAD TO QUALITY?  
K Michael Kangalee.  
M & M Protection Consultants, Vancouver. Canada.

TECHNIQUES FOR DATA HANDLING IN QUALITY ASSURANCE.  
Kevin Gain  
Wellington Hospital, Wellington. NZ.

INITIAL EXPERIENCES OF RESPIRATORY FUNCTION LABORATORY  
ACCREDITATION.  
Andrew Thornton.  
Dept. Thoracic Medicine, Royal Adelaide Hospital. Adelaide SA.

BRONCHIAL HYPERRESPONSIVENESS IN 1993.  
Sandra Anderson.  
Dept. Respiratory Medicine, Royal Prince Alfred Hospital. Camperdown. NSW.

HISTORY & PRINCIPLES OF TOTAL QUALITY MANAGEMENT (TQM).  
Mark Mackay.  
ICPMR, Westmead Hospital. Westmead. NSW.

CLINICAL PROBLEM SOLVING WITH TOTAL QUALITY MANAGEMENT.

Sue Ballard

Westmead Hospital, Westmead. NSW.

ASSESSMENT OF GAS EXCHANGE IN THE RESPIRATORY FUNCTION LABORATORY.

Hamish Crawford.

Westmead Hospital, Sydney. NSW.

ABNORMAL CONTROL OF BREATHING.

Stephen McNamara.

University of Sydney, Sydney. NSW.

**Poster Presentations**

CHANGES IN NASAL RESISTANCE INDUCED BY A NASAL DILATOR PROSTHESIS ("NOZOVENT").

S Yousef, M Kazins, L Ramondelta, TA Demis.

Dept. thoracic Medicine, Royal Melbourne Hospital. Melbourne. Vic.

COMPARISON OF BREATH-A-TEC AND VOLUMATIC SPACERS WITH JET NEBULISATION IN THE TREATMENT OF ACUTE AIRWAY NARROWING.

T Borgas, P Gibson, J Wlodarczyk.

Respiratory Medicine Unit, John Hunter Hospital. Newcastle. NSW.