

## **VOLUME 7(1) June 1987**

Below is an overview of material that appeared in this issue of VOLUME:

### **President's Report (Judith Roget, Lung Function, Alfred Hospital, Melbourne)**

Judy Roget, a very active founding member of our Society (now retired), reported a 16% growth in membership over the previous 12 month to 81 members. She reminded us that although the Annual Scientific Meeting plays the important role of ensuring that the objectives of the Society are met it also has great benefits to those who present papers:

“By presenting his or her work, the member is motivated to perform, understand and document this work at a higher level than might otherwise have been expected and it is an excellent way of obtaining laboratory documentation.”

Judy then added a further comment that I believe was a driver for many to present their work during these early years:

“If the work that is presented is work that would have been performed anyway it can hardly be considered to add to the total workload of that person. By planning and carrying out the work to the timetable required by the meeting, the member is demonstrating the appropriate professionalism.”

*[I believe many members have taken this advice and far more. Over the years we have seen a progressive rise in the quality and impact of work presented at our ASM. This attests to the capacity and professionalism of the Society 'today', which is a direct reflection of the growth in confidence, knowledge and professionalism of its individual members, as well as the support, encouragement and direction (mentoring) they provide directly or through example to younger members. I am sure that there are many 'oldies' who would agree that one of the pleasures of being a long-term member of the ANZSRS has been to witness the growth of individual members not only in their capacity to undertake important scientific research but to very effectively present their findings in a confident, knowledgeable and professional manner. It is only by maintaining and further promoting professionalism (including ongoing commitment to scholarship) that the ANZSRS can be certain of its future as the peak body in respiratory science in Australia and New Zealand ...and the Asian Pacific region. DPJ.]*

### **Abstracts of Papers Presented to the 1987 Annual Scientific Meeting of the Australian Society of Respiratory Technology, Inc.**

The venue for the 1985 ASM (2-3 May) was the David Maddison Building, Royal Newcastle Hospital. Eighteen research abstracts were published which included 12 research papers and 6 review abstracts from several guest speakers on the topic: Exercise Testing in the Pulmonary Function Laboratory. The organisers of this

meeting were Stephen West, Rein Simmul, Stephen Gyulay and Margaret Bartholomew.

**Research Abstracts:**

1. **EVALUATION OF THE MINATO AS-500 SPIROMETER.** Paul A. Guy and Judith A. Roget. Lung Function, Alfred Hospital, Melbourne, Vic.
2. **THE EFFECT OF HISTAMINE CHALLENGE ON PLATELET COUNT AND PLATELET ACTIVATION.** C.J. Duggan, M.D. Parmentier, W.D. Castle, N. Berend. Department of Thoracic Medicine, Royal North Shore Hospital, Sydney, NSW.
3. **A PRELIMINARY REPORT OF BRONCHIAL HYPERREACTIVITY (BHR) TO METHACHOLINE IN SA RURAL SCHOOLCHILDREN.** David A. Schembri and Alan J. Crockett. Respiratory Unit, Department of Medicine, Flinders Medical Centre, Bedford Park, SA.
4. **ASTHMA: THE SEARCH FOR A "GOLD STANDARD".** Alan J. Crockett. Respiratory Unit, Flinders Medical Centre, Bedford Park, SA.
5. **THE EFFECT OF INDOMETHACIN ON THE HYPERINFLATION INDUCED BY CONTINUOUS POSITIVE AIRWAY PRESSURE BREATHING (CPAP) IN MAN.** C. Duggan, R. Simmul and N. Berend. Department of Thoracic Medicine, Royal North Shore Hospital, Sydney, NSW.
6. **THE EFFECT OF CARBON MONOXIDE BACK PRESSURE ON HE ALVEOLAR CARBON MONOXIDE UPTAKE FRACTION.** S. Pike, H. McIntyre and E. A. Harris. Clinical Physiology Department, Green Lane Hospital, Auckland, New Zealand.
7. **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, NSW.
8. **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, NSW.
9. **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, SA.
10. **AN OVERALL FUNCTION TEST.** H. Imberger. Biomedical Engineering, Repatriation General Hospital, Heidelberg, Vic.

- 11. DIFFUSION LIMITED PULMONARY ARTERIOVENOUS ANASTOMOSES. Stephen West and Stephen Cala. Department of Thoracic Medicine, Westmead Hospital, Westmead, NSW.**
- 12. ASSESSMENT OF SCUBA DIVING. S.D. Anderson, M.S. Mihalyka, C.M. Smith and R.E. Schoeffel. Department of Thoracic Medicine, Royal Prince Alfred Hospital, Camperdown, NSW.**

**Seminar Abstracts: Exercise Testing in the Pulmonary Function Laboratory.**

- 1. EXERCISE TESTING IN THE PULMONARY FUNCTION LABORATORY. WHY STUDY EXERCISE. Stephen West. Clinical Measurement, Westmead Hospital, Westmead, NSW.**
- 2. EXERCISE TESTING IN THE PULMONARY FUNCTION LABORATORY: HEART RATE AND ECG MONITORING. Andrew Wallace. Cabrini Hospital, Malvern, Vic.**
- 3. SAFETY AND EXERCISE TESTING. S.D.R Homan. Thoracic Medicine Unit, The Queen Elizabeth Hospital, Woodville, SA.**
- 4. ANALYSIS OF EXPIRED GAS DURING EXERCISE. Margaret S. Mihalyka. Respiratory Investigation Unit, Royal Prince Alfred Hospital, Camperdown, NSW.**
- 5. EXERCISE TESTING IN THE PULMONARY FUNCTION LABORATORY: DATA HANDLING AND PRESENTATION OF RESULTS. Judith A. Roget. Lung Function, Alfred Hospital, Melbourne, Vic.**
- 6. PROTOCOLS FOR EXERCISE TESTING. S.D. Anderson. Respiratory Investigation Unit. Royal Prince Alfred Hospital, Camperdown, NSW.**

**Please contact me if you are interested in a copy of this or any other issue of VOLUME.**

David P. Johns PhD, CRFS, FANZSRs  
School of Medicine, University of Tasmania  
[david.johns@utas.edu.au](mailto:david.johns@utas.edu.au)  
Tel: (03) 6226 4801