

Post-Graduate Workshop at TSANZSRS 2018

The Future of MBW: Clinical applications in adult and paediatric respiratory disease

DATE: Saturday 24th March at 8.30am - 12:00pm

VENUE: Adelaide Convention Centre

This course aims to provide attendees with an understanding of the basic physiological principles and current state of standardisation for the multiple breath washout technique (MBW). It will discuss how this non-invasive and easy to administer test can be used as an exciting novel adjunct in the diagnosis and management of obstructive airways diseases in clinical (and research) pulmonary practice. It will also outline the limitations of the technique and conditions where utility may be less. The graduate course will include the opportunity for practical MBW measurement demonstrations from manufacturers. It will outline approaches to interpretation / application of results in clinical practice.

Course Outcomes:

- Participants will gain an understanding of the physiology behind MBW
- Participants will gain an understanding on the current status of standardisation for both the technique and commercial devices across adult and paediatric age ranges
- Participants will be able to see and experience how an MBW measurement is administered
- Participants will gain insight into how MBW can be used within important respiratory conditions, outlining not only the useful scenarios but also scenario/conditions where MBW is likely to be not useful. These will be reinforced in the final sessions where real life clinical data will be discussed as cases and a closing discussion will focus on how close the technique is to incorporation in the clinic.

Target audience:

This course will appeal to respiratory researchers, clinicians and respiratory scientists. Further, it may also appeal to Physiotherapists and research nurses.

Course convenors:

A/Prof Paul Robinson (The Children's Hospital at Westmead, Sydney),
A/Prof Bruce Thompson (The Alfred Hospital),
Prof Greg King (The Woolcock Medical Research Institute).



REGISTER NOW VIA <http://www.tsanzsrs2018.com/registration/registration/>

This workshop is supported by an unrestricted educational grant from Vertex



And is further supported by Ascencia and Niche Medical



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PROGRAMME

Chairs:

A/Prof Paul Robinson, Children's Hospital at Westmead, NSW
 Prof Greg King, Woolcock Institute of Medical Research, NSW
 A/Prof Bruce Thompson, The Alfred Hospital, Melbourne, VIC

0830-0900	MBW: Introduction to basic concepts and physiology	<i>Dr Sylvia Verbanck</i> , Academic Hospital UZ Brussel, Vrije Universiteit Brussel, Brussels
0900-0920	Current status of MBW standardization	<i>A/Prof Paul Robinson</i> , The Children's Hospital at Westmead, Sydney.
0920-0940	MBW utility in cystic fibrosis	<i>A/Prof Rachel Foong</i> , Telethon Kids Institute, WA
0940-1000	MBW utility in neonatal chronic lung disease	<i>Dr Shannon Simpson</i> , Telethon Kids Institute, WA
1000- 1030	MORNING TEA AND MBW DEVICE DEMONSTRATIONS	
1030-1050	MBW utility in asthma diagnosis and management	<i>Dr Claude Farah</i> , Concord Hospital, NSW
1050-1110	MBW utility in asthma diagnosis and management	<i>Dr Kanika Jetmalani</i> , Woolcock Institute of Medical Research, NSW
1110-1130	MBW post lung and bone marrow transplantation	<i>A/Prof Bruce Thompson</i> , The Alfred Hospital, Melbourne, VIC
1130-1150	How close are we to incorporation to the clinic	<i>A/Prof Paul Robinson</i> , The Children's Hospital at Westmead, Sydney
1150 -1200	CLOSE	