



Spirometry Training Course

Participant Pre-reading

Thank you for enrolling in the National Asthma Council Australia (NAC) Spirometry Training Course.

This 6-hour interactive course is designed to provide participants with comprehensive training in the application, measurement and interpretation of expiratory spirometry in general practice.

Course objectives

On completing the course, you should be able to:

- Identify the clinical indications for performance of spirometry and the limitations of spirometry
- Perform high quality spirometry
- Recognise poor quality spirometry
- Interpret spirometry in terms of the underlying lung physiology and clinical context
- Use spirometry as a tool to assist diagnosis and management
- Incorporate spirometry into routine clinical practice
- Use spirometric readings as a feedback tool for patient education
- Implement a quality assurance program for your spirometer
- Minimise cross-infection risks associated with the measurement of spirometry

Learning needs

Please take some time prior to attending workshop to consider your personal learning needs, e.g. how you hope your clinical practice will change through your participation in the course. It may be helpful to note these down as a reminder for after the workshop.

If you have a challenging or unusual case that you would like to discuss with the workshop presenters, please bring the appropriately de-identified details.

Required pre-reading

Prior to attending the workshop, you need to:

- Read the two ATS/ERS statements on spirometry, available from:
<http://www.thoracic.org/sections/publications/statements/index.html>
 - Statement 2: Standardisation of spirometry. *Eur Respir J* 2005; 26: 319–338.
 - Statement 5: Interpretive strategies for lung function tests. *Eur Respir J* 2005; 26: 948–68.
- Familiarise yourself with the two recommended references, available from:
http://www.nationalasthma.org.au/html/management/spiro_res/index.asp
 - Johns DP, Pierce R. *Spirometry: The Measurement and Interpretation of Ventilatory Function*. Melbourne: NAC, 1995, updated 2008. [Hardcopy provided at workshop]
 - Burton D, Johns DP, Swanney M. *Spirometer Users' and Buyers' Guide*. Melbourne: Department of Health and Ageing, 2005.

Course development

The NAC Spirometry Training Course was developed jointly by the NAC's General Practitioners' Asthma Group and the Australian and New Zealand Society of Respiratory Science (ANZSRS). Workshops are being held across Australia, coordinated by the NAC with funding from the Department of Health and Ageing. This is an ANZSRS endorsed spirometry training course for general practitioners.

Further information is available on the NAC website: www.NationalAsthma.org.au