PROFESSIONAL DEVELOPMENT COURSE

University of Otago
ŌTĀKOU WHAKAIHU WAKA

Spirometry Courses

The overall aim of these courses is to develop your skills, knowledge and particular competencies for performing and interpreting spirometry.

Following completion of this course the participants will be able to:

- Explain what spirometry is and understand the indications and contraindications for testing
- Understand the clinical application of spirometry and the key measurements obtained
- Identify what equipment & environmental conditions are needed to safely perform spirometry and understand the need for equipment quality control
- Perform spirometry tests on patients/clients and identify common errors and their effect on clinical outcome
- Report and interpret spirometry using appropriate reference data

Course outline:

1. An introductory Zoom session will be held two weeks prior to the practical workshop and the online learning content will be made available at this time.
2. Online learning (approximately three hours): these online modules are self-paced and include presentations, links to relevant resources, interactive case studies and short quizzes. The online modules should be completed prior to workshop attendance.
3. Practical Workshop - held in Christchurch at the Manawa Building, central city.
    - Foundation Course – two-day workshop (16hrs)
    - Update Course – one-day workshop (8hrs)
4. Competency assessment & Certification (approximately 3-6 months)
    - Individual Zoom meeting post workshop to check workplace setup and offer workplace support
    - Portfolio submission for assessment

Certification of competency will be granted after successful completion of a portfolio showing evidence of good quality spirometry in the workplace. Spirometry testing certification will be awarded for three years.

Spirometry testers require a reasonable degree of computer literacy and basic math skills. It is recommended that testers will be performing at least 100 spirometry tests per annum to maintain competency and to attend Spirometry Update Course when advised. Maintaining competency can be difficult when testers do not get the regular opportunity to develop and maintain their spirometry testing skills.

Courses are capped at 12 participants. The minimum number of participants for the course to go ahead is 8. Registrations will open for booking three months prior to the workshop dates.

Registrations should be received no later than two weeks prior to the workshop date. Late registrations will be considered where appropriate.

For those new to spirometry, please select the Spirometry Foundation Course. For those that have previously completed the Foundation Course, please enrol into the Spirometry Update Course. It is recommended that a Spirometry Update Course is attended twelve months after the Foundation Workshop to solidify learning and then every three years after.

Course cost (includes GST):

Spirometry Foundation Course (two-day workshop)

- $550 – Te Whatu Ora employees
- $1,050 – All others

Spirometry Update Course (one-day workshop)

- $400 – Te Whatu Ora employees
- $650 – All others

Course contact

For questions related to enrolment and payment: **continuing.education@otago.ac.nz**
For questions related to course content: Christchurch Hospital Respiratory Physiology Laboratory: **spirocourse@cdhb.health.nz**

Course Dates for 2027

March 1-2	Spirometry Foundation Course
March 15	Spirometry Update Course
May 31st -June 1	Spirometry Foundation Course
June 14	Spirometry Update Course
October 18-19	Spirometry Foundation Course
November 8	Spirometry Update Course