



ARTP

Association for
Respiratory Technology
& Physiology

Respiratory Muscle Course

Friday 24th June 2022

Venue: Weston Education Centre, King's College London
Classrooms 3 and 4

Course Overview:

The course is aimed at qualified Respiratory Clinical Physiologists, doctors in training, Respiratory Physiotherapists and Respiratory Nurse Specialists. It may also be suitable for trainee respiratory Clinical Physiologists who have completed the ARTP Associate qualification and are working towards their ARTP Practitioner qualification.

Course Learning Outcomes:

This course aims to review respiratory muscle function in health and disease, describe the available techniques for examining respiratory muscle function, discuss the selection of clinically appropriate assessment techniques and demonstrate their practical application.

- Respiratory muscle physiology
- Indications for respiratory muscle testing
- Measurement of inspiratory and expiratory mouth pressures (P_Imax & P_Emax)
- Measurement of sniff nasal inspiratory pressure (SNIP)
- Causes of respiratory muscle weakness
- Result interpretation and case studies

Speakers:

Dr. Gerrard Rafferty	Reader in Human & Translational Physiology	King's College London
Dr. Caroline Jolley	Senior Lecturer in Human Physiology Honorary Consultant in Respiratory Medicine	King's College London

Course Programme

<u>Friday 24th June 2022</u>		
Time	Session	Speaker
09:15	Registration	
09:45	Welcome and introduction to course	Ged Rafferty
10:00	Respiratory Muscle Physiology	Ged Rafferty
11:00	Break	
11:30	Respiratory Muscle Testing	Caroline Jolley
12:30	Lunch	
13:15	Practical demonstration of respiratory muscle tests	Ged Rafferty & Caroline Jolley
14:30	Break	
14:45	Reference ranges	Ged Rafferty
15:15	Interpretation with clinical examples	Caroline Jolley
16:15	Summary of day	Ged Rafferty

16:30pm – Close of day