

The Problem Solving Approach to Respiratory Care

Date	Venue	Tutor
Sat 22 nd – Sun 23 rd Nov 2008	Altnagelvin Hospital, Londonderry, N Ireland	Alex Hough

This course has the following objectives:

- To provide an evidence-based approach to the assessment and management of respiratory patients and patients undergoing surgery.
- To link assessment skills, including interpretation of blood gases, x-rays and auscultation, to the relevant physiology.
- To understand the medical management of the respiratory patient and enable full co-ordination of physiotherapy with oxygen therapy and medication.
- To critically evaluate a variety of physiotherapy techniques for the surgical patient and patients with atelectasis, sputum retention or excess secretions.
- To provide up-to-date references to support the above, and appraise the current literature.
- To ensure effectiveness of interventions by demonstrations, videos and a practical session.
- To stimulate critical thought, and reinforce problem-solving skills by the use of case studies.

Day 1

9.00am	REGISTRATION and Coffee
9.15am	Introduction
9.30am	Respiratory assessment including blood gases, pathology and physiology
10.45am	Coffee
11.00am	Chest X Rays (taped to windows)
11.45am	Physiology update (groups) and X Ray feedback
12.45pm	Lunch
1.30pm	Case Study
2.30pm	Oxygen Therapy
3.30pm	Tea
3.45pm	Case Study
4.30pm	Respiratory Drugs
5.00pm	Close

Day 2

8.20am	Coffee
8.30am	Volume loss / post op: Positioning, controlled mobilisation, breathing exercises, mechanical aids (IS,CPAP,IPPB)
10.00am	Coffee
10.15am	Problem Two continued plus practical session
12.00pm	Lunch
12.45pm	Case study
1.00pm	Sputum Retention: Humidification quiz, manual techniques, PEP, flutter, ACBT, cough facilitation and suppression.

2.45pm	Tea
3.00pm	Problem three continued
4.00pm	Close