

## RESPIRATORY / MEDICINE PLACEMENT

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### Day 1



Full uniform is worn (polo shirt if preferred) and university ID Badge required to be displayed at all times

Directions: Click [here](#) or visit [www.chesterfieldroyal.nhs.uk](http://www.chesterfieldroyal.nhs.uk) for directions and map of the hospital. The site is accessible via public transport.

**Parking:** Parking is available on site, a fee is charged for all patients, visitors and members of staff using these facilities. On your first day please use the car parks indicated for patients/visitors and pay accordingly. A parking pass is available to be purchased for future uses. Click [here](#) for more information.

### General Information

Much of the work on these placements is based on the general medical and surgical wards, although opportunities may be available to gain experience within the Intensive Care Unit, admissions units, cardiac rehabilitation and amputee service.

*N.B. As each of the above supervisors has their own specialist clinical area, the actual focus for each placement will be dependent on which clinical supervisor(s) the student is allocated to.*

The patients range from those admitted as an emergency with an acute illness to those who have long term conditions and for whom their current illness and admission is one of a number of episodes.

The workload is split between providing respiratory care to patients and restoring their mobility, function and independence.

Multi-disciplinary teamwork is a key element of these placements and good time management, prioritisation and discharge planning skills are essential.

### Common Conditions

The placements offer the opportunity to treat patients with a wide variety of pathologies. Some of the most commonly encountered conditions are:

Respiratory conditions:

- Acute [chest infections](#)
- [COPD](#)
- [Pneumonia](#)

Conditions requiring admission to ITU:

- [Respiratory failure](#)
- Major surgery
- [Sepsis](#)
- Overdose

Surgical patients include those admitted following:

- Colorectal surgery
- Gastrointestinal surgery

Medical patients include those admitted following:

- Falls
- [MI](#)
- Deterioration of mobility / function
- Multi-pathologies

### Knowledge And Skills Required

Students will be expected to:

- Have a knowledge of the anatomy and physiology of the cardio-respiratory system and be able to link this to patient presentations and pathologies
- Undertake subjective and objective assessments utilising, where appropriate, the skills of observation, palpation, auscultation, interpretation of ABGs, CXRs, assessments of exercise tolerance and functional capacity.
- Identify problems, goals and outcome measures from assessment findings and plan and progress treatment regimes.



- Implement techniques to:
  - Reduce work of breathing
  - Aid removal of secretions
  - Maximise lung volume / V/Q
  - Improve exercise tolerance
  - Reduce complications associated with immobility
  - Improve strength, mobility and function
  - Improve balance and prevent falls
  - Educate patients and build their confidence
- Liaise with all members of the MDT to optimise patient care and facilitate safe and timely discharges.

### Learning Outcomes

On completing this module you should be able to:

- Assess a patient confidently
- Identify problems and plan an appropriate course of physiotherapy treatment based on assessment findings
- Implement the treatment plan with regular re-assessments and progression of treatment
- Liaise with the wider MDT to facilitate safe and timely discharges

