

**DEPARTMENT OF PHYSIOTHERAPY – RVH GLEN SITE
STUDENT CLINICAL PROGRAM
REVIEW MATERIAL**

ROTATION: Pulmonary In-Patient

To prepare for your placement, please review the following:

Conditions/Topics:

COPD

Asthma

Bronchiectasis

Cystic fibrosis

Restrictive Lung disorders (Ex: pulmonary fibrosis, kyphoscoliosis)

Acute and Chronic Respiratory failure

Neurological conditions: ALS, Steinart and Duchene muscular dystrophy

Steroid and critical illness myopathies

Ventilator modes/parameters, including non-invasive (Ex: BiPAP, CPAP)

Medications: be aware of their indications, as well as side effects and precautions in physiotherapy.

Bronchodilators (Ex: ventolin, atrovent)

Corticosteroids (Ex: solumedrol, prednisone)

Opioids

Benzodiazepines

Beta blockers

Oxygen therapy

Assessment/Treatment:

Surface anatomy of chest

Auscultation/breath sounds

Borg Scale for dyspnea and exertion

Oxygen saturation, arterial blood gases

VAS (pain)

6 minute walk test

TUG

BERG

Gait speed

Airway clearance techniques including postural drainage, percussion, expiratory vibration, Huffing, Flutter valve, PEP, Acapella