Learning Outcomes

Radiology Masterclass
Chest X-ray Interpretation

Course aims

- To learn or revise knowledge necessary for interpretation of chest radiographs
- To objectively demonstrate radiographic interpretation skills by completion of a summative and graded online assessment based on the knowledge learned

Course learning outcomes

On completion of the course the practitioner will be able to:

- Describe the commonly used anatomical terms required for description of radiographs of the chest with specific reference to basic thoracic anatomy
- Show awareness of anatomical structures not readily visible on chest radiographs
- Describe common anatomical variants which may be visible on chest radiographs
- Employ a systematic approach for interpretation of chest radiographs and demonstrate use of the general principles required for accurate image interpretation
- Attribute descriptive terms to common cardiac abnormalities seen on chest radiographs
- Attribute descriptive terms to common pulmonary abnormalities seen on chest radiographs
- Attribute descriptive terms to common abnormalities of the pleural spaces seen on chest radiographs
- Attribute descriptive terms to common abnormalities of hilar and mediastinal structures seen on chest radiographs
- Attribute descriptive terms to common bone and soft tissue abnormalities seen on chest radiographs
- Systematically assess the quality of a chest radiograph
- Describe factors of image quality which may limit interpretation of chest radiographs
- Attribute descriptive terms to radiographic, medical, and surgical artifacts commonly seen on chest radiographs
- Describe the typical appearances of collapse of specific lobes of the lungs
- Describe the range of appearances of pneumothorax seen on chest radiographs
- Show awareness of the wide range of common appearances of lung cancer, primary and secondary, as seen on chest radiographs
- Demonstrate the ability to detect and describe common abnormalities seen on chest radiographs
- Objectively establish and demonstrate a level of confidence appropriate for interpretation of chest radiographs, by completion of an online assessment of interpretation skills (with generation of a personalised and verifiable online – and printable – course completion certificate stating the practitioner's details and mark as a percentage)