Foundation Years' Teaching Programme

Chest X-Rays

This bulletin provides you with details of the latest evidence and key research on this topic. Find it and other bulletins at http://www.hello.nhs.uk/fy_bulletins.asp

ULHT

Guidelines, Procedures and Protocols

UpToDate – a point of care tool which summaries the evidence for busy clinicians. It includes the aetiology, prevention, diagnosis, treatment, complications and prognosis of conditions. You will need to register on a Trust computer, after which you may login from this link and any other device.

Log in and then search for Chest X-rays.

Guidance

- ACR Appropriate Criteria, American College of Radiology, 2016
- Acute chest pain: ST elevation myocardial infarction (STEMI) and subsequent assessment Royal College of Radiologists, 2012

Evidence Reviews

- Chest radiographs for acute lower respiratory tract infections Cochrane Database of Systematic Reviews, 2015
- Chest X-rays for Diagnosing Pulmonary Infection as a Precipitant of Acute Heart Failure: A Rapid Review, Health Technology Assessment (HTA) Database, 2013
- Chest X-rays in acute chest infections, Cochrane Database of Systematic Reviews, 2013

Recent Key Primary Research

- Which method is best for an early accurate diagnosis of acute heart failure? Comparison between lung ultrasound, chest X-ray and NT pro-BNP performance: a prospective study, Internal and Emergency Medicine, 2016
- Defining indications for selective chest radiography in the first 24 hours after cardiac surgery, Journal of Thoracic and Cardiovascular Surgery, 2015
- The debate on CXR utilization and interpretation is only just beginning: a Pro/Con debate, Respirology, 2010
- Chest X-rays in COPD screening: are they worthwhile? Respiratory Medicine, 2009

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