mind map by Simon Brown
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Lung Cancer

- Clubbing
  - Signs
    - Swollen end of finger
    - Increased curvature of nail
    - Loss of normal angle
    - Increased nail bed fluctuation
  - Differentials
    - Bronichial carcinoma
    - Fibrosing alveolitis
    - Liver cirrhosis
    - Inflammatory bowel disease
    - Endocarditis
- Differentials of Haemoptysis
  - Infective (esp. TB)
  - Neoplastic
  - Sarcoidosis
  - Pulmonary HT
  - Traumatic
- Bronchial Carcinoma
  - Epidemiology
    - M:F 3:1
    - 1/4 of cancer deaths
  - Risk Factors
    - 90% directly related to smoking
    - Asbestos, chromium, radiation, arsenic
  - Symptoms
    - Cough, haemoptysis, dyspnoea, chest pain, recurrent pneumonia, weight loss
  - Signs
    - Cachexia, anaemia, clubbing
  - Complications
    - Local: laryngeal nerve palsy, SVC obstruction, Horner's syndrome
    - Metastatic: brain, bone, liver, adrenals
    - Endocrine: ectopic hormone secretion (ADH, ACTH)
  - Small Cell (20%)
    - Advanced at presentation
    - Excellent response to chemo
    - 5 year survival 3%
    - Most linked to smoking
  - Non Small Cell (80%)
    - 20% patients suitable for surgery
    - Radiation is useful palliatively
- Screening Requirements
  - Affordable
  - Deliverable
  - Acceptable to target population
  - Low false positive rate (reducing unnecessary interventions)
  - Existence of an effective intervention