# Worksheet #4: Observational Designs

For each scenario below, select an appropriate study design to summarize or investigate the findings

Scenario 1: A group of chest radiographs in postal workers in Reston, VA show increased width of the mediastinum.

Scenario 2: A radiologist suspects that patients undergoing kyphoplasty are more likely to have a subsequent spine fracture.

Scenario 3: Patients with incomplete response to i131 thyroid ablation therapy are more likely to have undergone pre-treatment imaging including a smaller dose of i131 thyroid ablation