A 30yo man presents with a dry cough and shortness of breath. His CXR is shown below.

The most likely diagnosis is:
A. Pneumonia
B. Pericardial effusion
C. Thymoma
D. Non-small cell lung cancer
E. Lymphoma

MEDIASTINAL MASSES
- Anterior mediastinum:
  - Thymomas
  - Lymphomas
  - Teratomatous neoplasms
  - Thyroid masses
- Vascular masses
- Lymph node enlargement from mets of granulomatous disease
  - Pleuropericardial and bronchogenic cysts

Middle mediastinum:
- Neurogenic tumours
- Meningoceles
- Meningomyeloceles
- Gastroenteric cysts
- Oesophageal diverticula

Posterior mediastinum:
- Neurogenic tumours
- Meningoceles
- Meningomyeloceles
- Gastroenteric cysts
- Oesophageal diverticula

AGE DISTRIBUTION
- In children neurogenic tumours and enterogenous cysts are most common
- In adults neurogenic tumours, thymomas and thymic cysts are common
- Lymphomas and germ cell tumours are most common between ages 20 and 40