

# Provider Led Entity

## CDI Quality Institute AUC Questions: Cancer of the Lung (primary or metastatic, suspected or confirmed)

09/14/2021

**Patient/Problem:** Appropriateness of advanced imaging procedures in patients with the following clinical presentations:

- Diagnostic evaluation/classification of incidental pulmonary nodule or mass
- Lung cancer screening in an asymptomatic patient
  - Age < 50 y and/or < 20 pack-year smoking history / low risk
  - Age ≥ 50 y and ≥ 20 pack-year smoking history / high risk
- Suspicion for lung cancer in a symptomatic patient
- Confirmed non-small cell lung cancer (including adenocarcinoma, squamous cell carcinoma, and large cell carcinoma):
  - Staging
  - Surveillance
- Confirmed small cell lung cancer:
  - Staging
  - Surveillance

**Interventions:** Advanced testing – CT, MRI, CTA, MRA, scintigraphy, SPECT, PET, PET/CT

**Comparison:** Gold standard (imaging findings, surgical findings, or clinical follow-up)

**Outcome:** Diagnostic accuracy, effect on patient management, and/or patient outcome

**Exclusions:** Pediatric patients, pregnant patients