

Annual low dose CT scan

I-ELCAP Annual Regimen

July 1, 2016

Negative result
no new non-calcified nodules

Interim annual cancer: symptom-prompted diagnosis made prior to next annual repeat screening

Next annual repeat CT

Semi-positive result
**Newly identified solid or part-solid nodule < 3.0 mm or nonsolid nodule of any size

Positive result
**Newly identified solid or part-solid nodule between 3.0 and 6.0 mm

Positive result
Newly identified solid or part-solid nodule ≥ 6.0 mm or any nodule previously seen and growing at a malignant rate

Follow-up CT scan in 1 month with or without antibiotics

Next annual repeat CT

Change in nodule?

No change

Option 1

Option 2

Follow-up CT scan in 3 months

PET scan if solid nodule or solid component ≥ 10 mm

Follow-up CT scan in 6 months

Follow-up CT scan 3 months later

Biopsy using fine needle aspiration

Pulmonary consult and bronchoscopy if needed

Document as **screen-dx annual lung cancer**

Biopsy using fine needle aspiration

Growth at malignant rate*?

Document as **screen-dx annual lung cancer**

Positive result
Solid endobronchial nodule

Cough vigorously and Repeat CT scan immediately if possible, otherwise

Follow-up CT scan in 1 month

Did not resolve even after vigorous coughing

Resolved, with vigorous coughing, if necessary

Negative for lung cancer

Biopsy using fine needle aspiration

Pulmonary consult and bronchoscopy if needed

Biopsy using fine needle aspiration

Growth at malignant rate*?

*Percentage change consistent with malignancy = (diameter at time 2 - diameter at time 1) / diameter at time 1
a) if nodule < 6 mm in diameter, % change $\geq 50\%$ growth; b) nodules 6-9 mm, % change $\geq 30\%$ growth; c) nodules > 10 mm, % change $\geq 20\%$ growth (see calculator on I-ELCAP website)