

Initial low-dose CT

I-ELCAP: Baseline regimen

July 1, 2016

Negative result
No non-calcified nodules (NCNs)

1st Annual repeat CT

Interim baseline cancer: symptom-prompted diagnosis made prior to 1st annual repeat

Semi-positive result
Nonsolid NCNs of any size,
All solid and part-solid NCNs < 6.0 mm,
Any NCN, solid or part-solid (solid component) 6.0-14.9 with CT scan 3 months later NOT showing growth at a malignant rate

1st Annual repeat CT

If a lung cancer is ultimately diagnosed in semi-positive results regardless of when, it is still classified as a **screen-dx baseline cancer**

Option B

if solid nodule ≥ 10 mm or solid component of a part-solid nodule ≥ 10 mm

PET scan

Negative for lung cancer

Positive or Indeterminate

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

Positive result
NCN, solid or part-solid (solid component) 6.0-14.9 mm, showing growth at a malignant rate on CT scan 3 months later

OPTION A

Biopsy

POSITIVE for lung cancer

1st Annual repeat

NEGATIVE

***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 ≥ 50% growth,
b) nodules 6-9 mm, % change ≥ 30% growth,
c) nodules ≥ 10 mm, % change ≥ 20% growth
(see calculator on I-ELCAP website)

Positive result
Solid endobronchial nodule

Cough vigorously and Repeat CT scan immediately if possible, otherwise

CT scan 1 month later

Did not resolve even after vigorous coughing

Resolved, with vigorous coughing if necessary

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+ for lung cancer

Pulmonary consult and bronchoscopy if needed

Negative for lung cancer

1st Annual repeat