

Initial low-dose CT

I-ELCAP: Baseline regimen

August 11, 2014

Negative result
No non-calcified nodules

1st Annual repeat CT

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

Semi-positive result
Non-calcified nodules
solid and part-solid:
all < 6.0 mm
or nonsolid nodules of any size

1st Annual repeat CT

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

Positive result
Non-calcified nodule,
solid and part-solid
6.0 - 14 mm

Option B
if solid nodule > 10 mm or
solid component of a
part-solid nodule > 10 mm

PET scan

Positive PET result

Negative or Indeterminate PET result

PREFERRED OPTION A

CT scan 3 months later

Antibiotics followed by
CT scan 3 months later

Option C
If multiple nodules
or infection/inflammation

Biopsy,
prefer fine needle
aspiration

+ for lung cancer

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

Negative for lung cancer

YES

NO

1st Annual repeat

***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
Non-calcified
solid or part-solid nodules
≥ 15.0 mm

Option E

Antibiotics followed by
CT scan 1 month
later

Negative for lung cancer

Option D

Biopsy,
prefer fine needle
aspiration

+ for lung cancer

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

Positive result
Solid endobronchial nodule
≥ 6.0

CT scan 1 month later

Did not resolve even
after vigorous coughing

Pulmonary consult and
bronchoscopy if needed

+ for lung cancer

Negative for lung cancer

1st Annual repeat

Resolved, with vigorous coughing if necessary