

# Lung Cancer Screening: *What does it look like?*

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# Questions Answered

What is it like for the patient?

What is it like for the clinician?

What do the images look like?

Q/A What is it like for the radiologist?

# What is it like for the patient?



# Low-dose non-contrast chest CT

No IV.

Radiation dose is 5-10 times less than conventional CT.

This is the easy part.

What is it like for the clinician?

# The Report

## Solid nodules

4 mm or less -- continue with annual screening

5-6 mm -- additional six month f/u CT

7-10 mm – additional three month f/u CT

Bigger than a centimeter? WIDCIO

# The Report

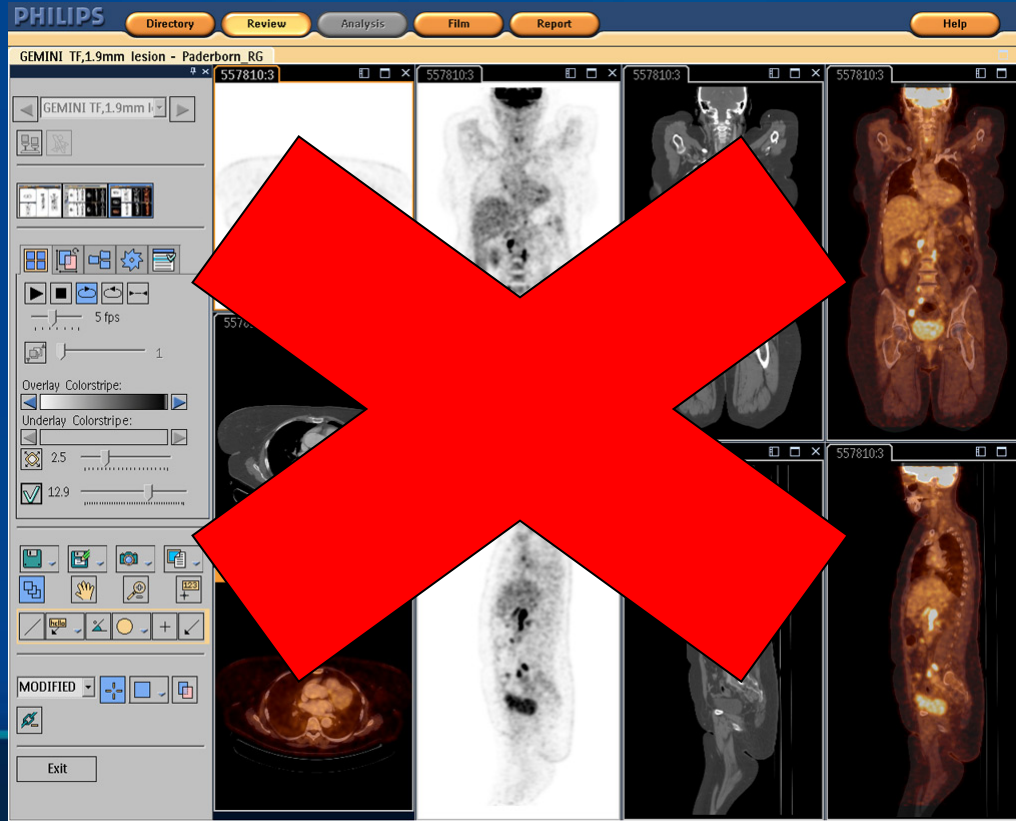
Sub-solid nodules

6 mm or more – additional 3 mo. f/u

Enlarged lymph nodes

Nobody knows, radiologist intuition

# Please don't order a PET/CT



HealthCare



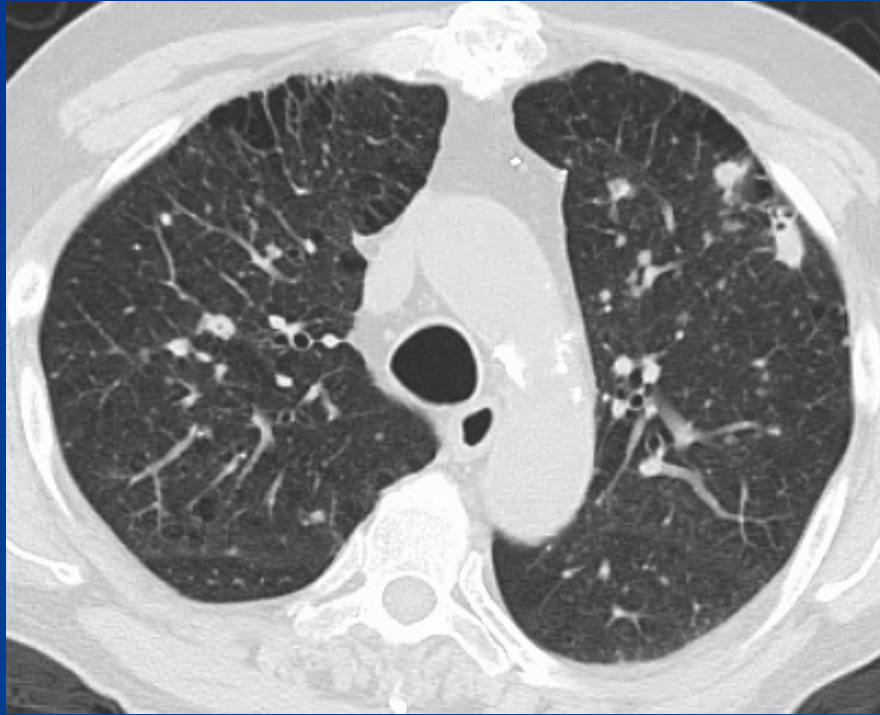
# What do I tell my patient?

~20% of screens will require further eval.

In ~80% of cases, this will initially be a follow-up scan.

In about 4% of the positive screens, cancer is eventually diagnosed.

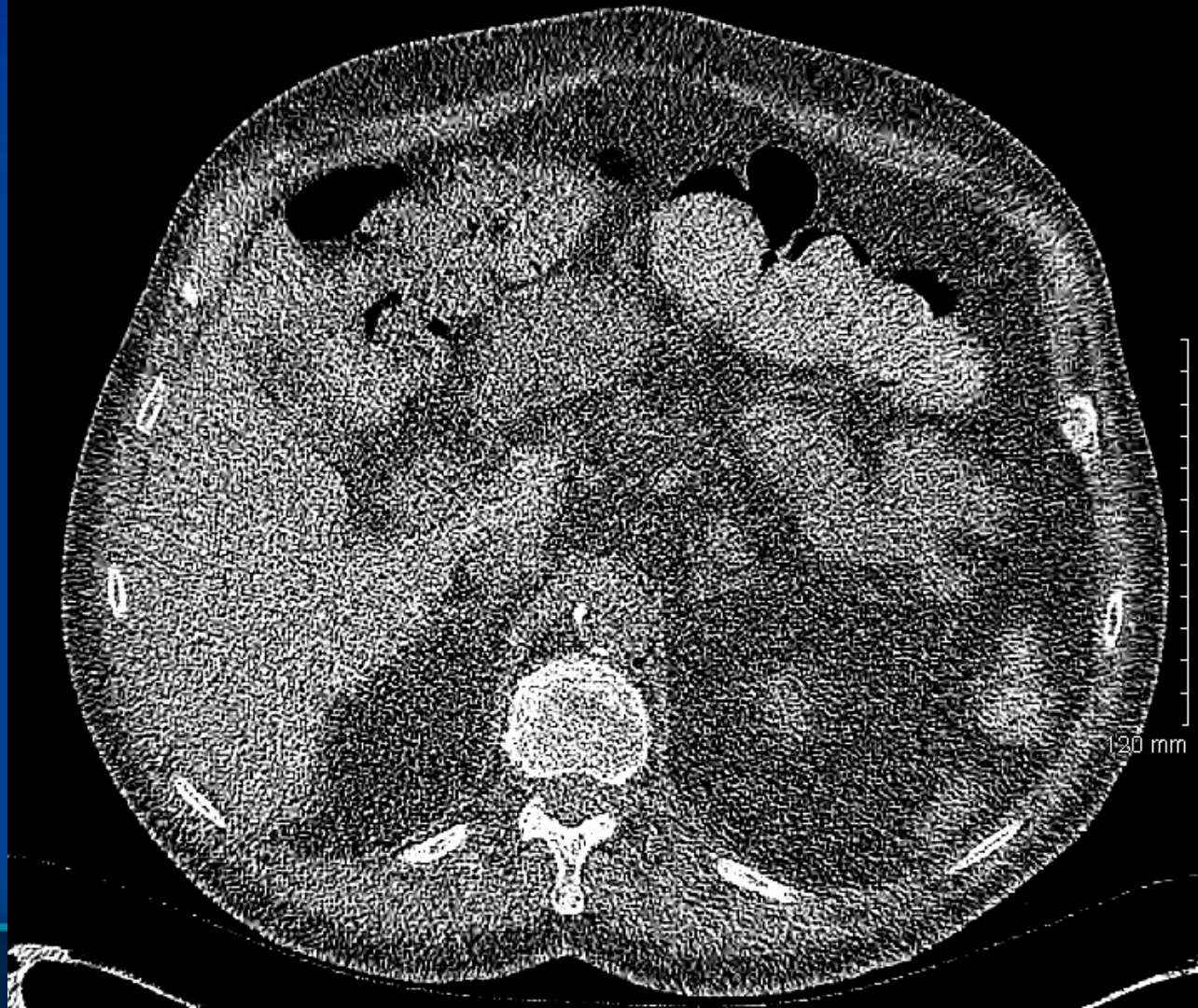
# What does the scan look like?

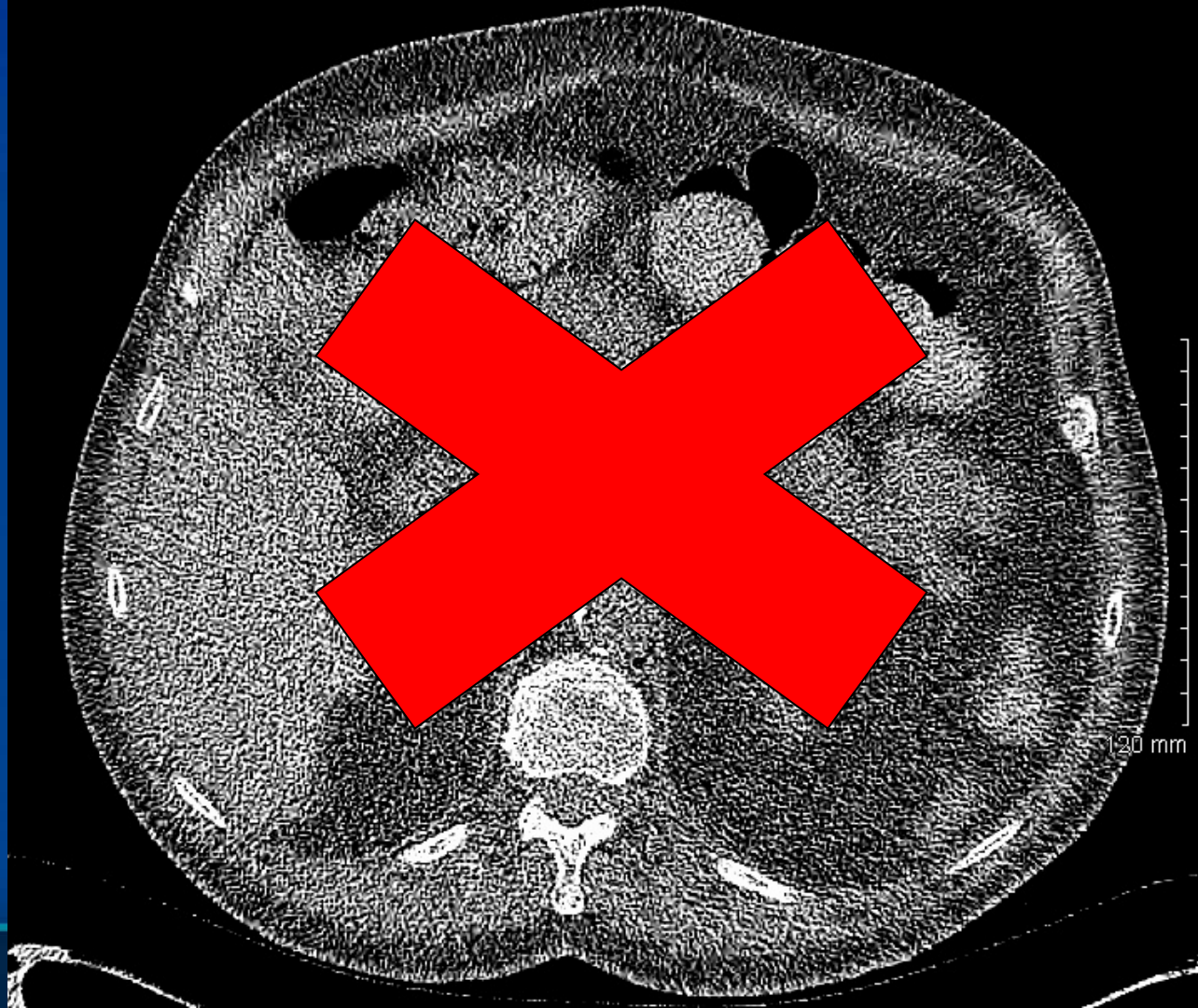


Conventional Dose



Low Dose





120 mm



