

Case Study Robbie: Negative CyPath® Lung Result for 20-Pack-Year Smoker with Multiple Nodules Averts Invasive Procedure for Anxious Patient

Patient Information

Age: 71 years old

Sex: Male

Smoking status: 20 pack-year history, ex-smoker

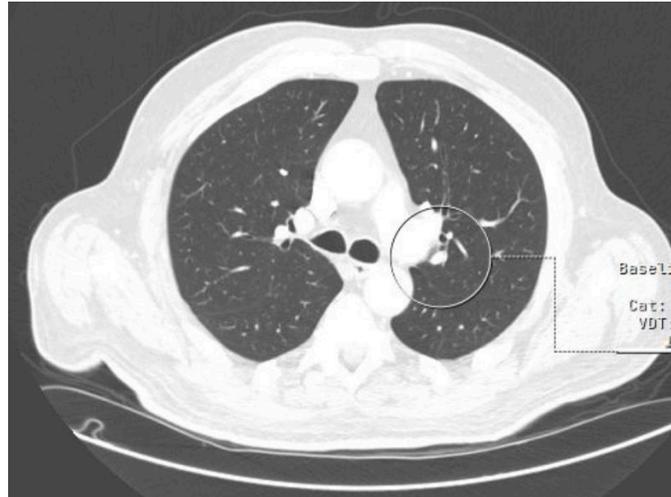
Medical history: High-risk with obesity mild restrictive lung disease, previous RLL pneumonia, serial scans from 5/30/2023 thru 10/28/2025

Diagnostic dilemma: RUL pulmonary nodules in anxious patient

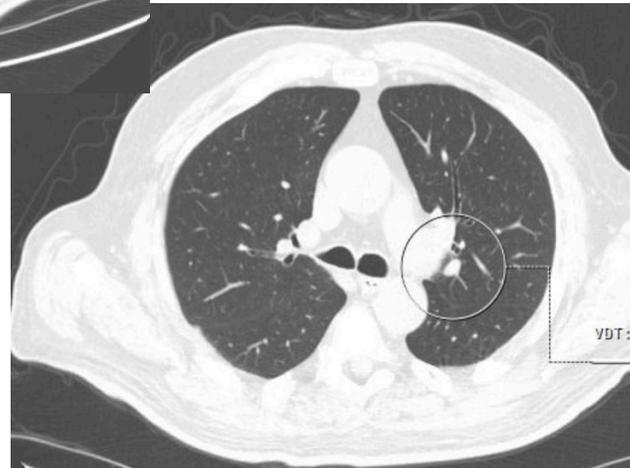
NOTE: Actual patient case, but name has been changed to ensure privacy.

Imaging Results

LDCT: Scattered Scan 7/25/2025 revealed new RUL scattered multiple pulmonary nodules, measuring between 3–7 mm with RLL infiltrate



07/15/2026 CT



10/28/2026 CT

Additional Findings/Next Steps

CT follow-up options without CyPath® Lung: Physician's clinical acumen favors benign inflammatory process but scheduling bronchoscopy with biopsy could allay patient anxiety

Outcome with CyPath® Lung

CyPath® Lung: Test result was negative, 0.15, unlikely malignancy in the lung

Follow-up 10/28/25 CT scan: RUL nodules resolved, major fissure nodule stable

CyPath® Lung supported serial 3-month CT schedule for follow-up based on physician acumen and negative test result

RLL=right lower lobe; RUL=right upper lobe; LDCT=low-dose computed tomography