Patient Case Studies

CyPath Lung

KNOW MORE. MOVE FORWARD

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CyPathLung

Patient Case "Carol"*: Abnormal Finding on LDCT in High-Risk Patient



LDCT

CyPath® Lung

PATIENT BACKGROUND

- 80 yo WF with COPD, tobacco abuse; quit 2010
- Breast cancer 2019
- CAD with MI and cardiac stents
- Yearly LDCT screening for high-risk lung cancer

IMAGING

- LDCT scanning for lung cancer surveillance Sept 2023, Oct 2024
- New non calcified sub 8 mm nodules in LUL and RML, as well as others
- Brock model probability 4.3%

NEXT STEPS w/o CYPATH LUNG

- PET scan for sub 8 mm nodule high false negative rate
- Serum markers contraindicated given breast cancer within 5-year period
- High-risk poor yield bronchoscopy without robotic augmentation

NEXT STEPS with CYPATH LUNG

- CyPath[®] Lung reported 11/13/2024 0.72
- Pt's breast cancer status was rechecked
- Mammogram in Dec 2024 with new suspicious areas in the right breast
- Breast biopsy positive for breast cancer

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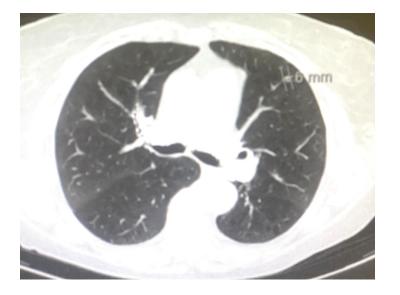
*The patient described in this case study is a real individual; however, the name has been changed to protect his/her privacy.

Patient Case Carol: Images from Initial LDCT

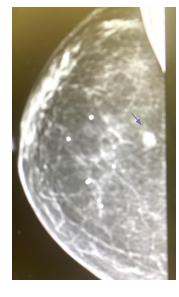




9/23 no nodule, 10/24 6 mm nodule



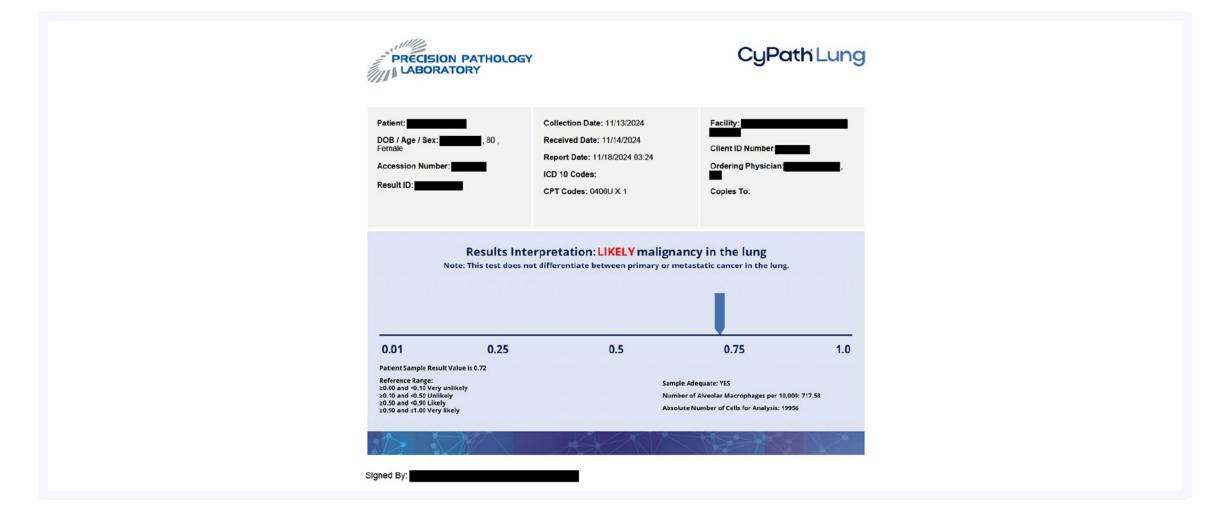
10/24 new 6 mm nodule



New breast mass

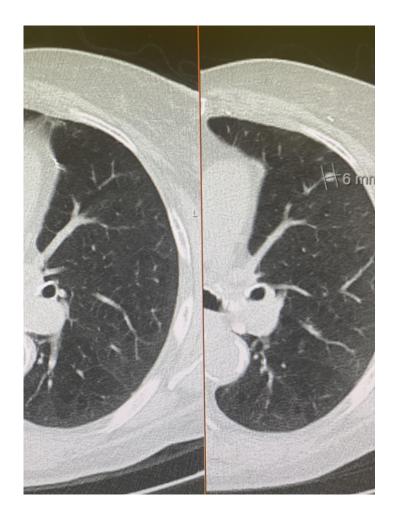


Patient Case Carol: CyPath® Lung Report





Patient Case Carol: 2/19/25 on left, 10/21/24 on right, resolution of LUL nodule





Patient Case Carol: Abnormal Finding on LDCT (continued)

