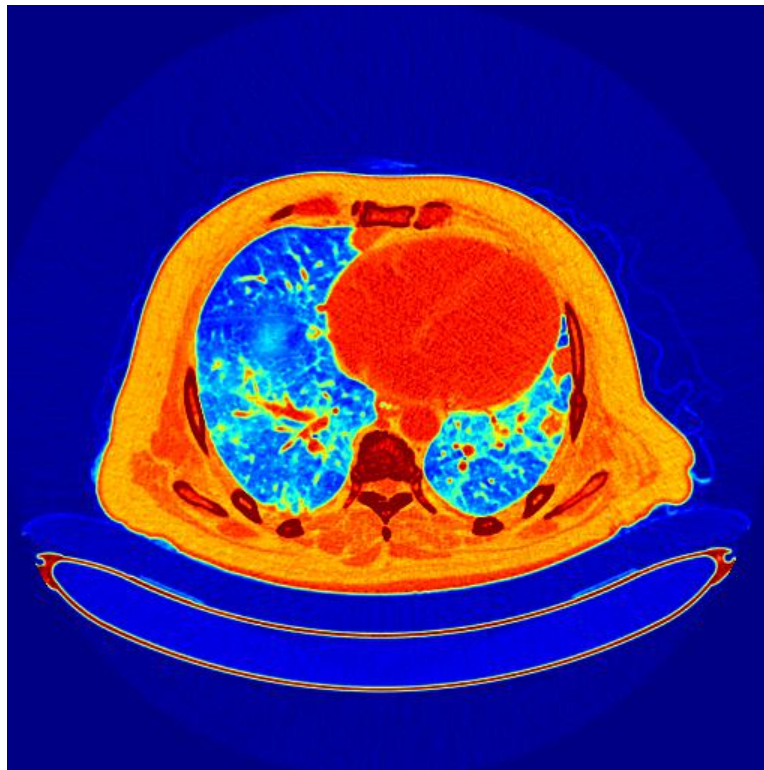# Medical Image Analysis Report

Report Date: 2025-12-08 02:54:55

Analysis Type: Lung Cancer Screening Analysis

Analyzed Image

Analysis Results

Suspected Cancer Type: adenocarcinoma

Overall Assessment: intermediate_risk

Malignancy Probability: 75.0%

Findings:

• Location: RLL | Size: 40 mm | Margins: spiculated | Density: solid | Suspicious: spiculated, pleural_involvement, lymphadenopathy

Recommendation:

PET-CT

AI Assessment Metrics

Metric	Value
Malignancy Risk	75.0%
Confidence Level	HIGH
Overall Confidence	75.0%
Weighted Score	0.750

Clinical Indicators

Malignant Keywords: Yes
Benign Keywords: No
Biopsy Recommended: No
Follow-up Needed: No
Urgent Attention: No

AI Reasoning

Model-estimated malignancy probability is 75.0%. Confidence level is HIGH.