

contextflow SEARCH Lung CT ^{CE 0123}

Clinical decision support for 19 patterns in lung CTs + nodule detection

contextflow SEARCH Lung CT provides radiologists with complementary information for the identification and interpretation of lung-specific image patterns in CT scans.

- Detects, highlights & quantifies lung anomalies
- Retrieves visually-similar, expert-verified reference cases
- Enriches the reading worklist with quantitative image analysis results
- Enhances reporting with quantitative and visual information
- Provides heatmaps with visual overview of lung anomalies
- No patient or image data leaves the hospital/center

Average reading time is **31% shorter***

*not yet published study results



Trend towards improved **diagnostic accuracy***

*not yet published study results



Clinical results hold for both **junior and senior radiologists**



Zero click - overview access to quantitative data in the PACS



Quantitative image analysis

Provides lung coverage values and distribution maps for 7 image patterns + visualization and measurements of detected lung nodules

- Consolidation
- Effusion
- Emphysema
- Ground-glass opacity
- Honeycombing
- Nodules
- Pneumothorax
- Reticular Pattern

Qualitative analysis

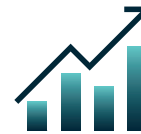
- Analyzes and classifies 19 image patterns in selected regions of interest
- Retrieves visually-similar, expert-labeled reference cases
- Provides relevant links to literature, guidelines & differential diagnoses

- Airway wall thickening
- Atelectasis
- Bronchiectasis
- Bulla
- Consolidation
- Cyst
- Effusion
- Emphysema
- Ground-glass opacity
- Honeycombing
- Mass
- Mosaic attenuation pattern
- Nodular pattern
- Nodule
- Pneumothorax
- Pulmonary cavity
- Reticular pattern
- Tree-in-bud
- Non-specific: includes patterns with no evidence of pathological changes and currently not explicitly incorporated

Insights screen provides easy access to nodule detection



Aims to reduce 2nd opinion requests & boost confidence



Curious about how we can save you time during image interpretation? Contact Sales for a personalized workflow assessment sales@contextflow.com

[What makes contextflow unique?](#)



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