contextflow

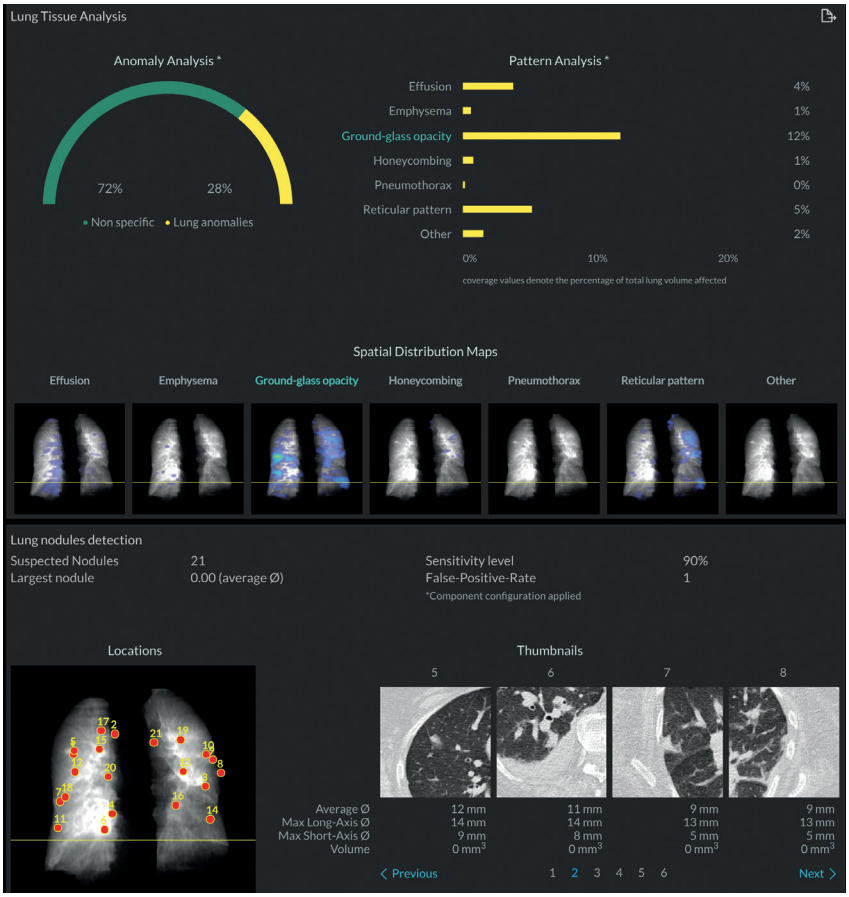
See beyond a single case

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 abnormalities
- 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 abnormalities



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 6 image patterns + visualization and measurements of detected lung nodules

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

Insights screen provides **easy access to nodule detection**

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

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?

contextflow.com