

# contextflow AI Solution Suite

## Comprehensive computer-aided analysis for chest CT

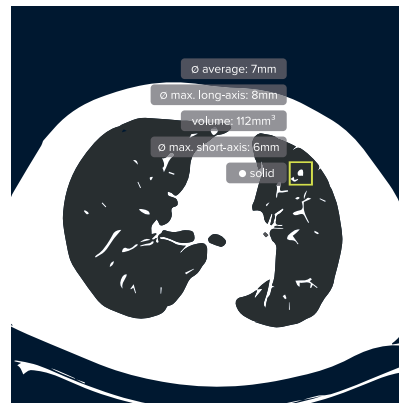
contextflow ADVANCE Chest CT CE 0123

supports radiologists in the detection & analysis of lung cancer + lung diseases

## Lung cancer, ILD + COPD

### Nodule Detection + Nodule Tracking

- Detection & quantification of nodules between 4 - 30mm
- Classification of solid, part-solid & non-solid nodules
- Automated Lung Lobe Detection
- Consistently & instantly see changes in your patients over time, including volume doubling time (VDT)
- Easily prepare for tumour boards
- Designed for lung cancer screening & oncology monitoring + incidental nodule management



### Lung Tissue Analysis

- Segmentation & quantification of the lungs, lung anomalies & specific image patterns:
  - Bronchiectasis
  - Consolidation
  - Effusion
  - Emphysema
  - round-glass
  - Honeycombing
  - Pneumothorax
  - Reticular pattern
- Quantification & visual distribution of emphysema
- AI-based, more accurate than HU\*\*

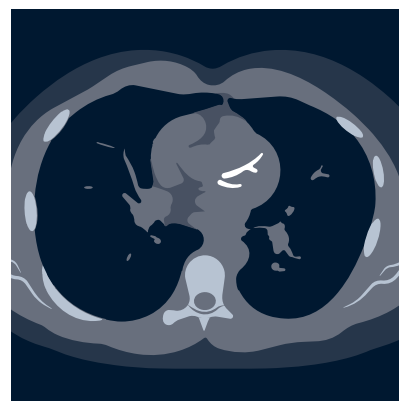
\*\*Belde, et al. Medicine. Nov 28, 2025.



### iCAC

Automated detection & quantification of coronary artery calcification

- Total volume of detected coronary artery calcifications
- Incidental cardiovascular disease risk categorisation
- Estimated Agatston score
- MESA Curves



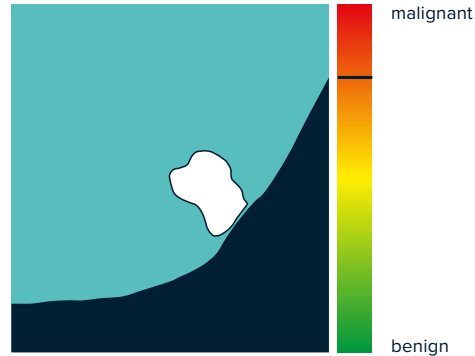
## Malignancy Scoring

### RevealAI-Lung <sup>CE 2797</sup> by REVEALDX<sup>™</sup> INFORMING PRECISION MEDICINE

Indicates the degree of similarity between a nodule in question and nodules with known benign or malignant outcomes

- 18% reduction of FPs in clinical routine\*
- 45% increase in early detection possible\*

\* Adams, Scott J et al., JACR September 2022



## iPE

### CINA-iPE <sup>CE 2797</sup> by Avicenna<sup>™</sup> empowering radiology with AI

#### Computer-aided triage and notification of incidental pulmonary embolism

- For patients undergoing contrast-enhanced CT scans for other clinical indications
- Flagging and communication of positive findings of iPE



It gives me a lot of comfort so that what I actually assess is in sync with contextflow. It gives me more peace, and that's very important because we as radiologists are relentlessly being confronted with an increasing number of scans that need to be reported.

Martijn Boomsma, Isala in Zwolle

Curious how we can support you in clinical routine?

Contact [sales@contextflow.com](mailto:sales@contextflow.com)

What makes contextflow unique?



**contextflow.com**