contextflow

See beyond a single case

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
- 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
- Ground-glass
- Honeycombing
- Pneumothorax
- Reticular pattern

Emphysema Detection

Both quantification & visual distribution

- AI-based, more accurate than HU**

** Why HU may not be the best approach to emphysema quantification: a contextflow whitepaper (contextflow.com/science)

Not all AI Solution Suite features available in all markets.

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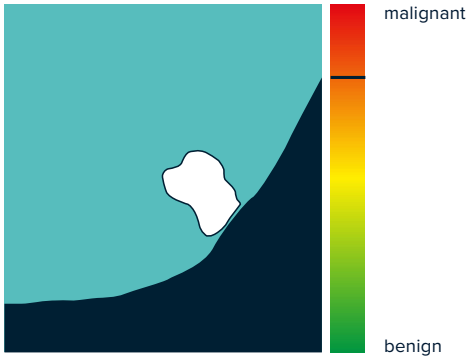
contextflow AI Solution Suite
One source, many findings

Malignancy Scoring

RevealAI-Lung CE 2797 by REVEALDX
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*
– 44% increase in early detection possible*

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



iPE

CINA-iPE CE 2797 by Avicenna.AI
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

iCAC *Coming soon*

– Incidental detection of CAC lesions
– Automatic CAC volume measurement
– Automatic CVD risk scoring (accuracy of ~95%)

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

What makes contextflow unique?

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