

contextflow AI Solution Suite

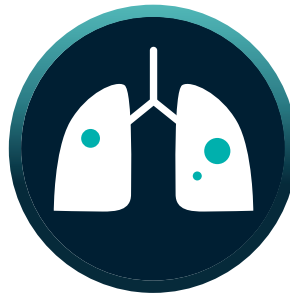
Comprehensive computer-aided analysis for chest CT

contextflow ADVANCE Chest CT CE 0123
supports radiologists in the detection & analysis of lung cancer, lung diseases and heart disease

Lung cancer, ILD + COPD

Nodule Detection + Nodule Tracking

- Detection & quantification of nodules between 4 - 30mm
- Classification of solid, part-solid & non-solid nodules
 - Sensitivity 94%
- Consistently & instantly see changes in your patients over time, including volume doubling time (VDT)
- Easily prepare for tumour boards



Lung Tissue Analysis

Segmentation & quantification of the lungs, lung anomalies & specific image patterns:

- 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)



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One source, many findings

Malignancy Scoring

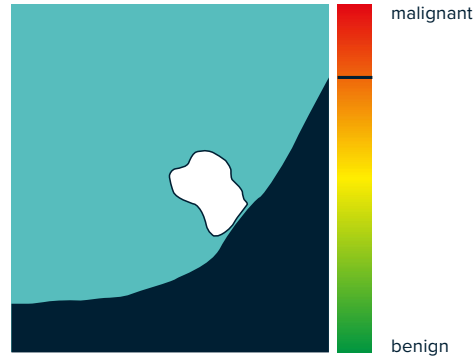
RevealAI-Lung ^{CE 2797} by REVEALDX[™]

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*
- 45% increase in early detection possible*

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



iPE

CINA-iPE ^{CE 2797} by Avicenna[™]

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?



contextflow.com

Not all AI Solution Suite features available in all markets.
Contact sales@contextflow.com for more details.

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