contextflow

contextflow DETECT Lung CT
Seamlessly integrated lung nodule detection & quantification

Intended Use

contextflow DETECT Lung CT is a computer-assisted reading tool designed to aid the radiologist in the detection of lung nodules during review of CT examinations of the chest.

Main Features

– Detects, highlights & quantifies lung nodules
– Alerts radiologists about regions of interest where lung nodules can be found
– Automatically measures nodules between 4 and 30 mm in maximal long-axis diameter
– Shows preview of detected nodules sorted by user-defined measurements (volume, long-axis, short-axis)
– Provides comprehensive summary of detected nodules, including necessary quantifications for various reporting guidelines (e.g. RECIST)
– Enhances reporting with quantitative image analysis results

Detects, highlights & quantifies lung nodules

Provides necessary measurements for various reporting guidelines
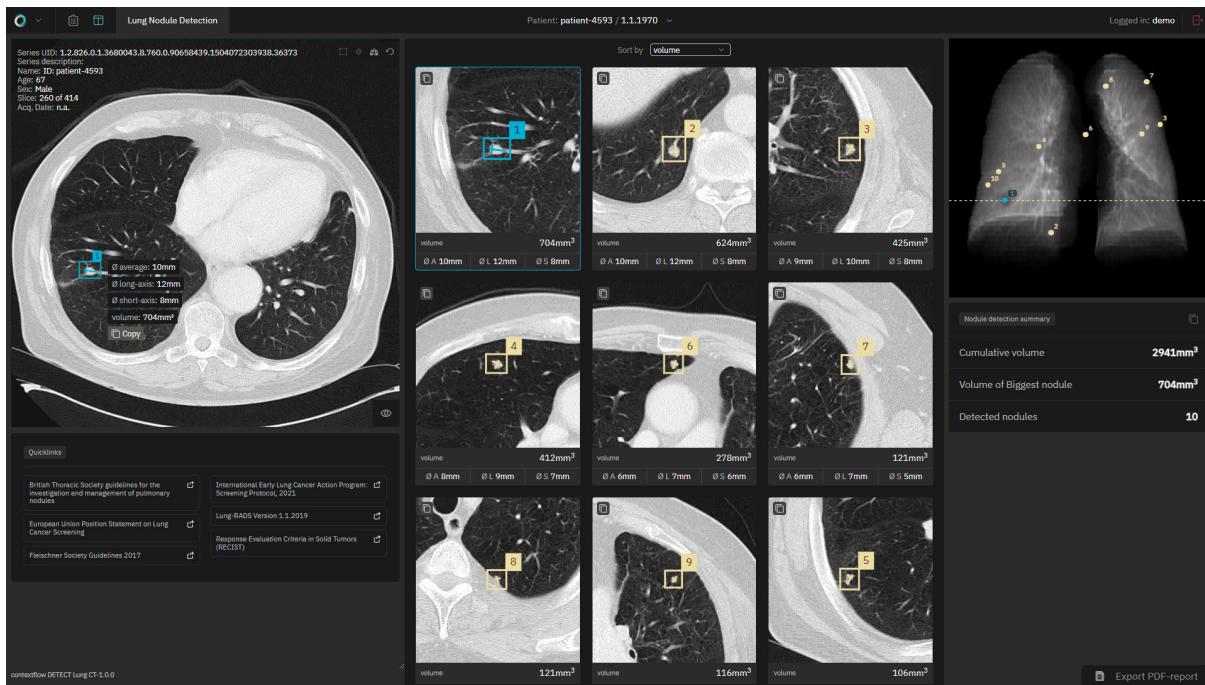
Secondary Capture

Visualizes detected nodules within your native viewer
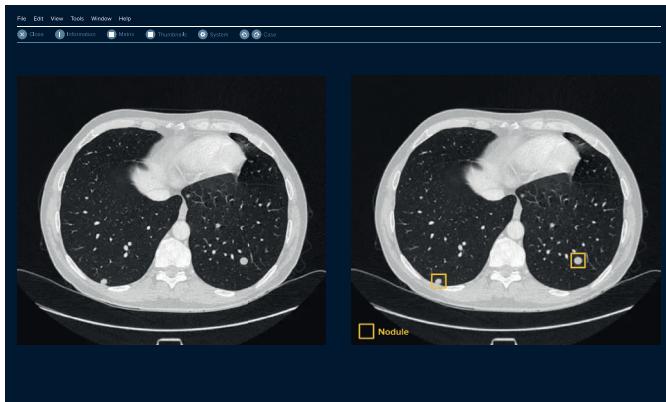
Reporting

Quantitative image analysis results automatically sent to your PACS as a PDF report
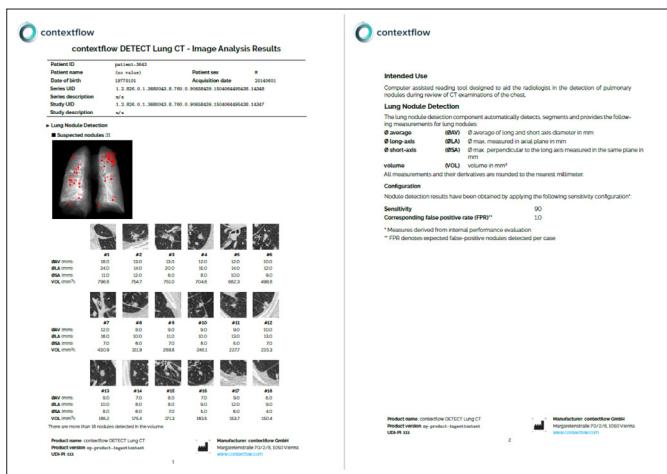
Product Description

contextflow DETECT Lung CT is a software-only device, which consists of two main components: a web-based application accessed via standard desktop web browsers and the CNN machine learning component.

contextflow DETECT Lung CT is an AI-based, computer-assisted reading tool designed to aid radiologists in the detection of lung nodules during review of Computed Tomography (CT) examinations of the chest.

The system provides the following functionalities:
– automated detection and measurement of lung nodules
– notifications to regions of interests (ROIs) in which nodules have been detected - reference information for lung nodules

Curious about how we can help with lung cancer screening?
Contact sales@contextflow.com

What makes contextflow unique?

contextflow.com