aview: Lung Texture

Full-automatic lung texture pattern analysis

ILD / ILA / Pneumonia
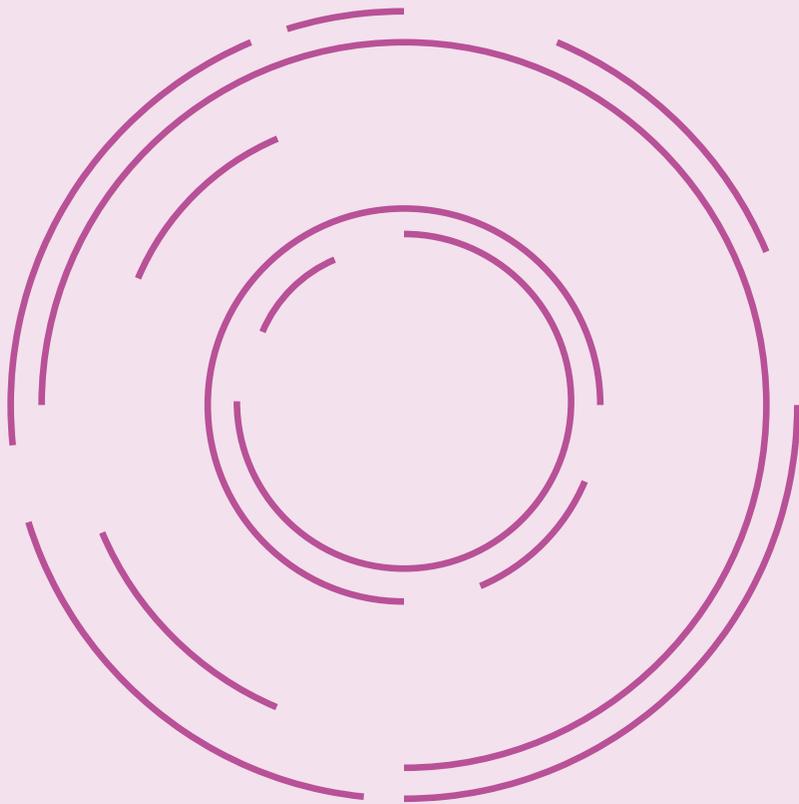
core:line

Deep learning AI technology automatically detects and analyzes major patterns of interstitial lung disease.

core:line's aview:Lung Texture defines the fibrotic area of the lungs in 6 patterns and auto-matically generates a report by analyzing the location and distribution.
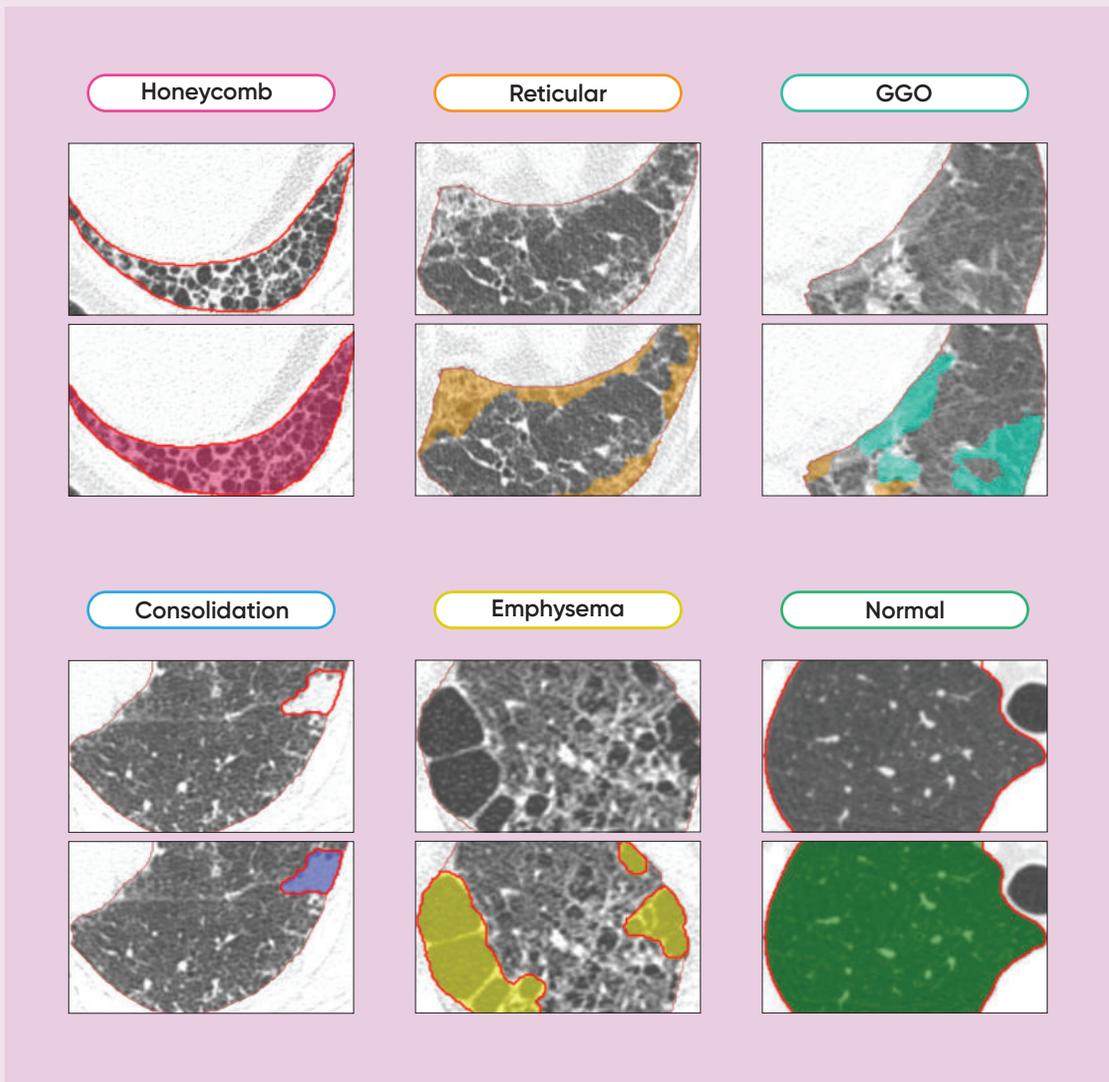
Quantitative analysis and results aids, the difficult reading cases and reduces deviations due to the reading technique.

aview: Lung Texture

※ investigational use only

Analyze 6 patterns of ILD quantitatively.

6 Patterns of ILD

- AI technology analyzes the location and distribution of 6 patterns in interstitial lung disease.
- You can check the original video and the video analyzed by AI together, so you can compare the results at the same time.

Honeycomb

Reticular

GGO

Consolidation

Emphysema

Normal

※ investigational use only

The distribution of ILD by 6 patterns at a glance.

Case 1.

MPR & Masks

Bull's eye chart

Case 2.

MPR & Masks

Bull's eye chart
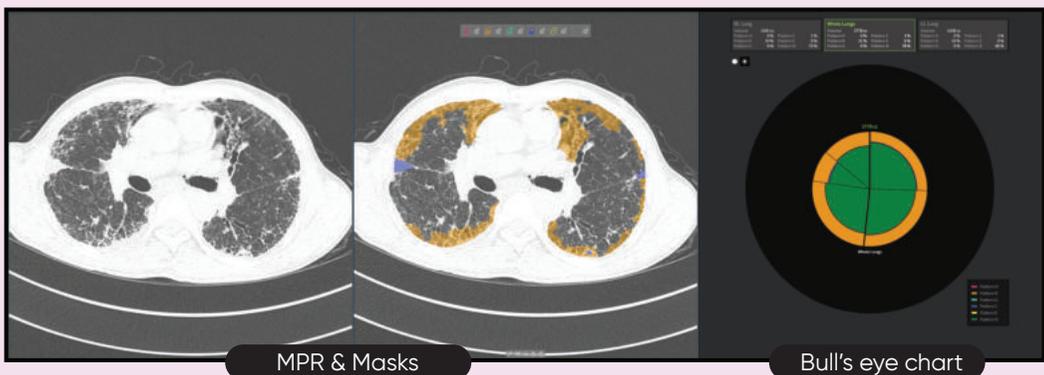
Case 3.

MPR & Masks

Bull's eye chart

aview: Lung Texture

Increase work efficiency
## by automating time-consuming manual tasks.

Quantitative ILA analysis

- ILA analysis based on Fleischner society guidance, reduces the chances of missing abnormal findings that may develop into ILD.
- Fibrotic lesions and non-fibrotic lesions are classified and provide information on lung lobes with fibrotic lesions of 5% or more.
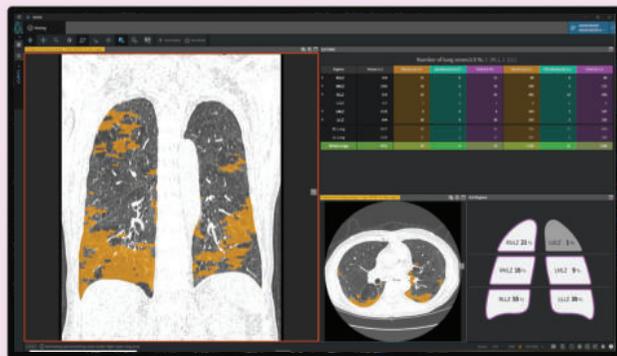
Automatically segment lungs and lobes.

- Automatic segmentation of the lungs & lobes in CT images of ILD patients, increases the accuracy of analysis and provide the volume information of the lungs.


※ investigational use only
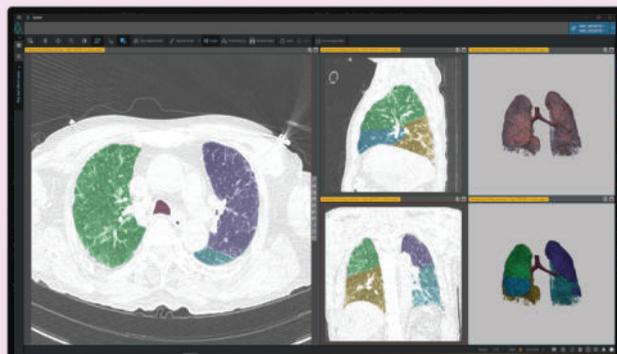
Provide lung CT scores
for pneumonia.

Scores are calculated for each lung lobe according to the pneumonia lesion ratio and indicated in 5 grades based on the Pneumonia lesion ratio.

Assists the diagnosis of interstitial pneumonia, with more than 150 variations, and helps to probe related diseases.

Pneumonia lesion ratio

5%	25%	50%	75%
1	2	3	4	5

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※ investigational use only
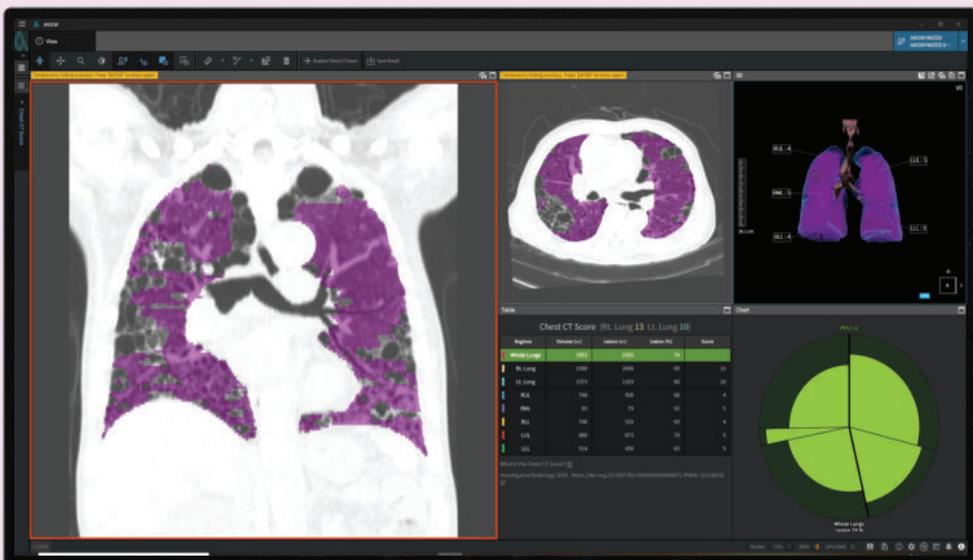
Automatically generate analysis reports.

Quantitative ILD analysis

- Provides an ILD analysis report containing quantitative results analyzed by AI.

- The Bull's eye table, the results of the patterns distributed by lungs and lobes can be reviewed at a glance, and the axial image of the image in which the most lesions are detected is automatically extracted and displayed.
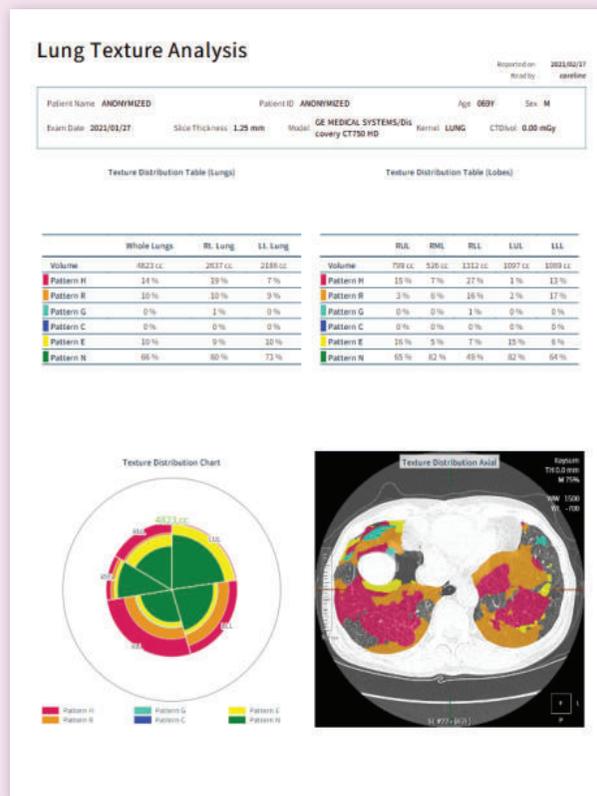
aview: Lung Texture

Full-automatic ILD texture pattern analysis
ILD / ILA / Pneumonia

$\mathsf{C}\,\mathsf{E}$

ISO 13485
Quality
Management for
Medical Devices
CERTIFIED

GMP