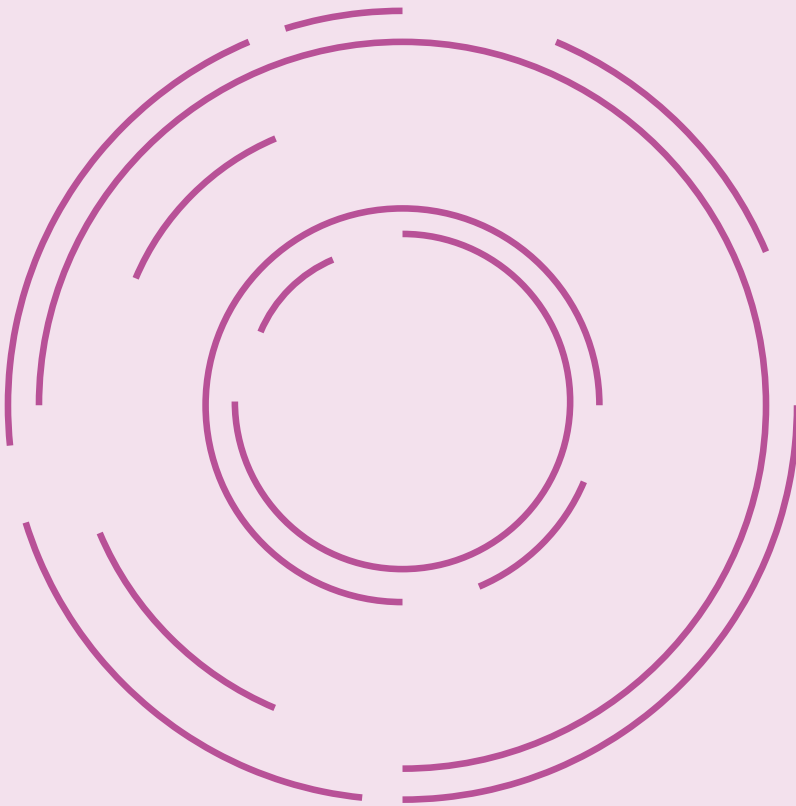


# aview: Lung Texture

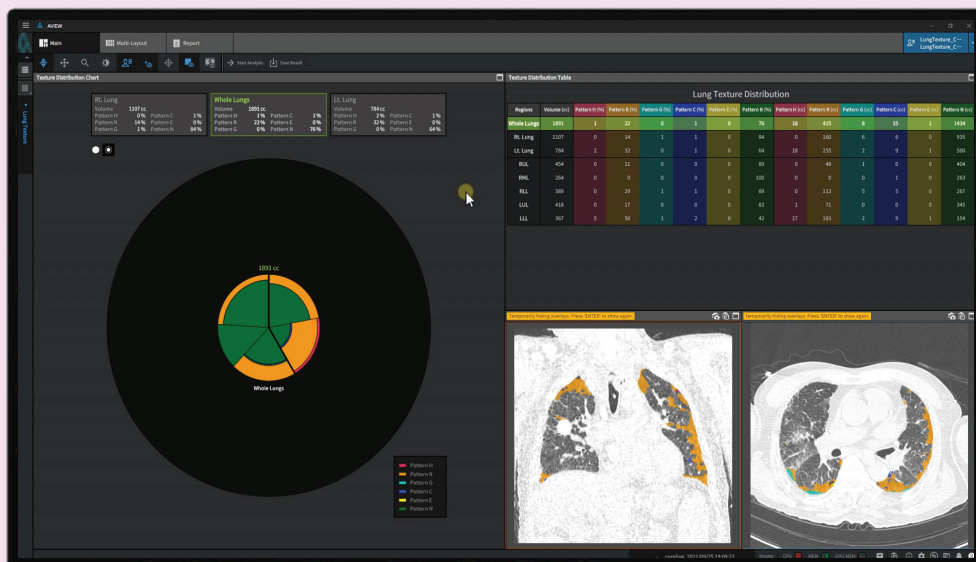
Full-automatic lung texture pattern analysis



# 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 automatically 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.

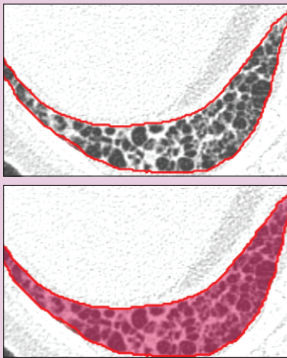
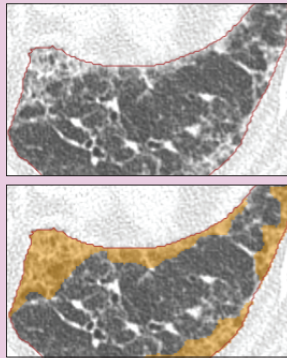
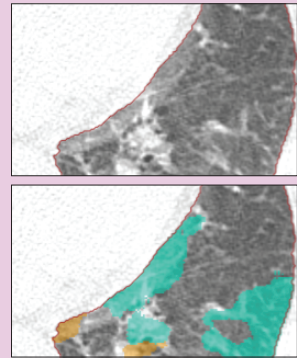
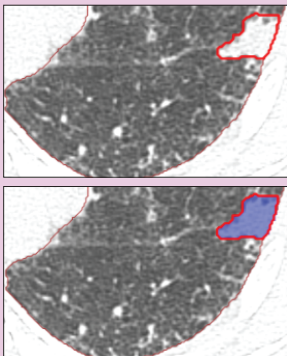
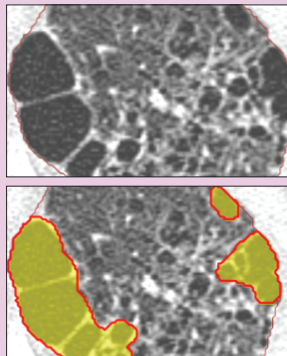
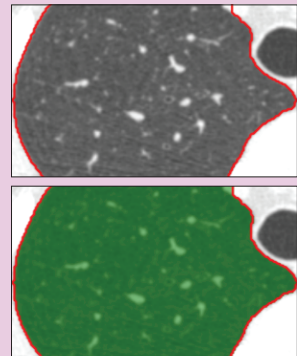




# Analyze 6 patterns of ILD quantitatively.

## 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**

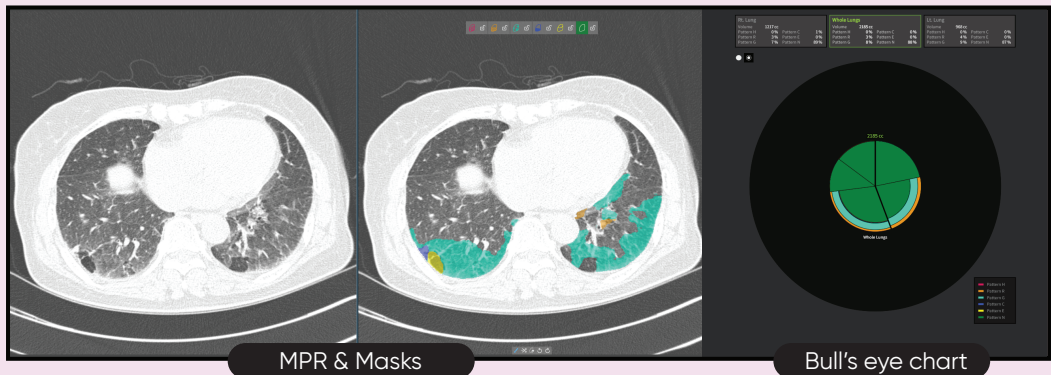
## Key features

# The distribution of ILD by 6 patterns at a glance.

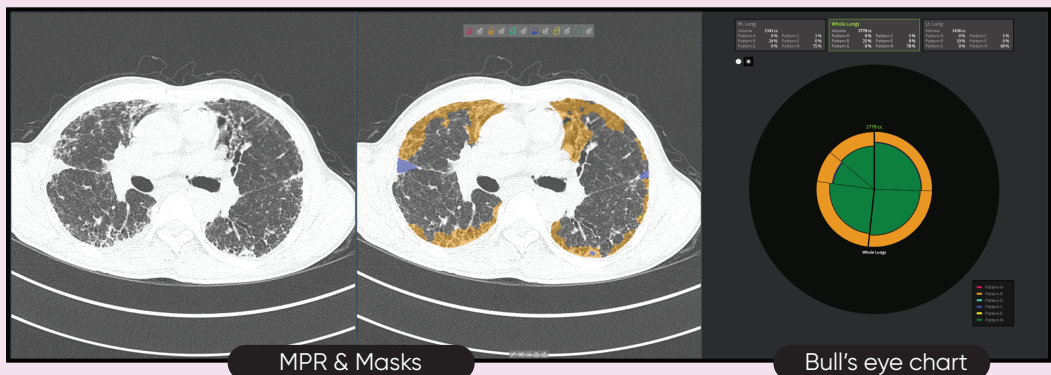
## Case 1.



## Case 2.



## Case 3.

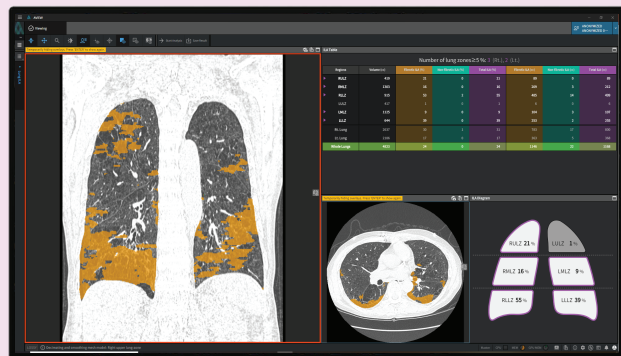


## Key features

# 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.



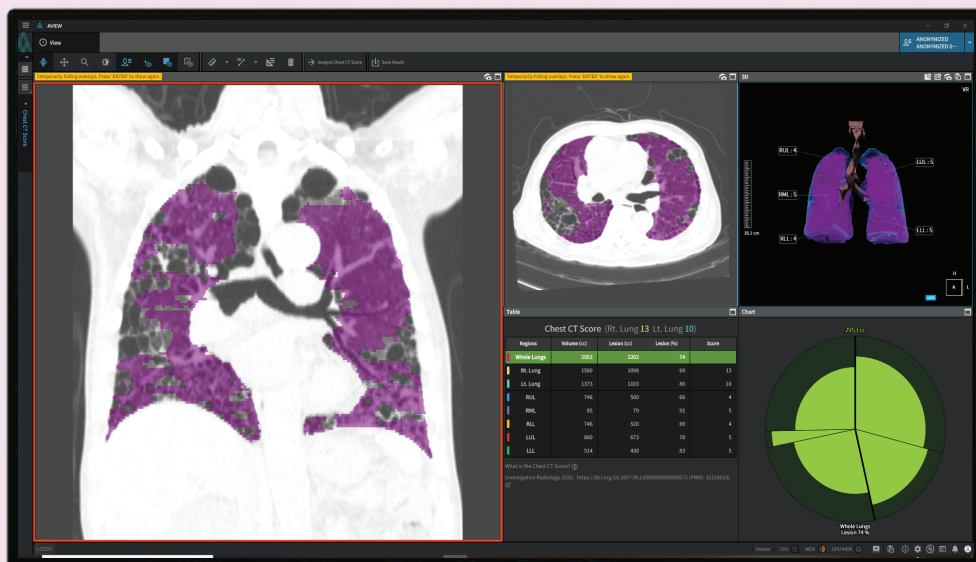
## Key features

# 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



## Key features

# 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

