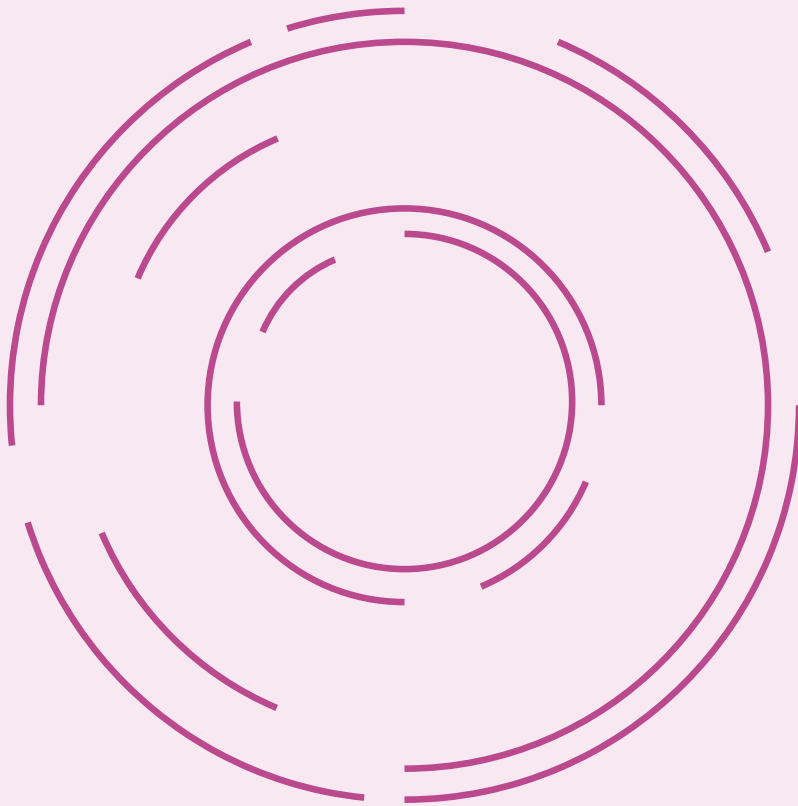


aview: Lung Texture

Fully automatic lung texture pattern analysis

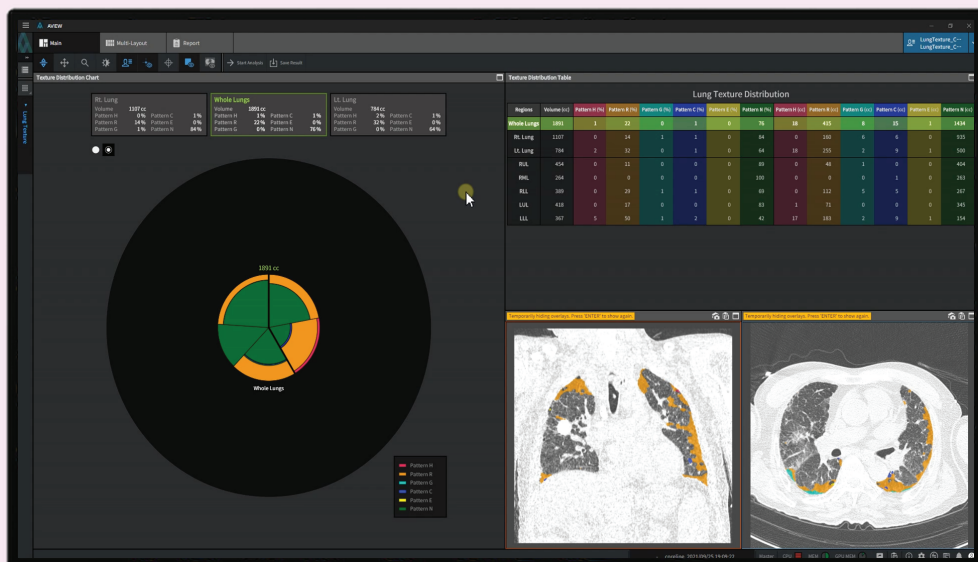


Introduction

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 that helps with difficult reading cases and reduces deviations from different reading techniques for diagnosis.

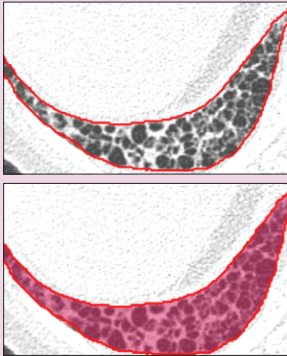


Analyze 6 patterns of ILD quantitatively.

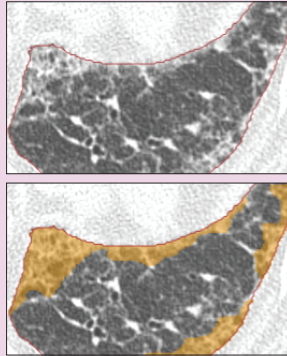
6 Patterns of ILD

- 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.

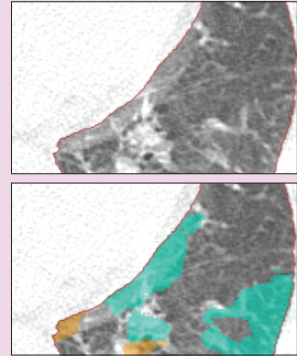
Honeycomb



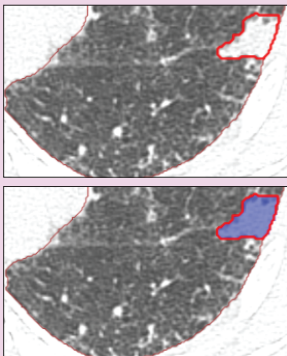
Reticular



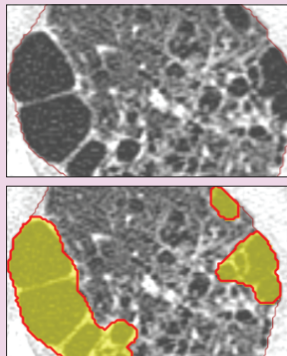
GGO



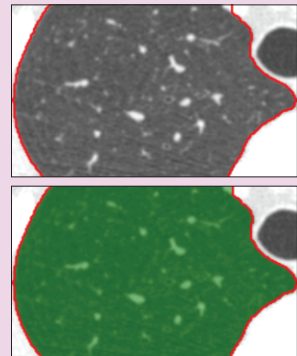
Consolidation



Emphysema



Normal



Key features

The distribution of ILD by 6 patterns at a glance.

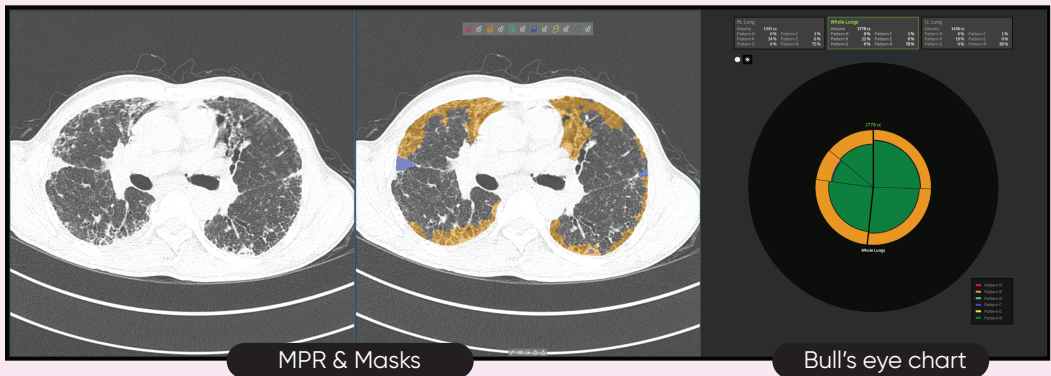
Case 1.



Case 2.



Case 3.



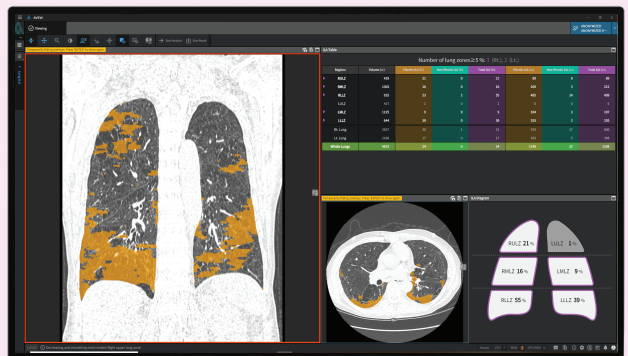
Key features

Increase work efficiency by automating time-consuming manual tasks.

Quantitative ILA analysis

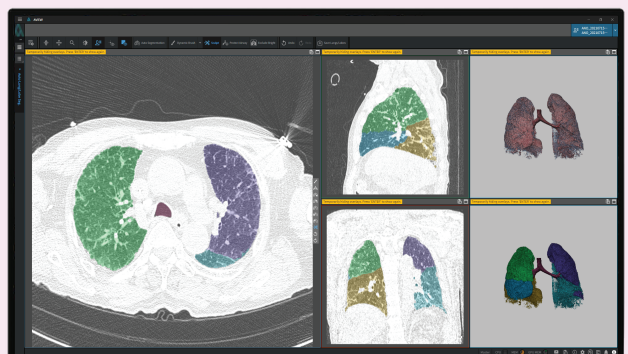
- ILA analysis based on Fleischner society guidance, reduces the chances of missing abnormal findings that may develop into ILD.
- Fibrotic lesions and non-fibrotic lesions are classified and provide information on lung lobes with fibrotic lesions of 5% or more.

* Research use only



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.



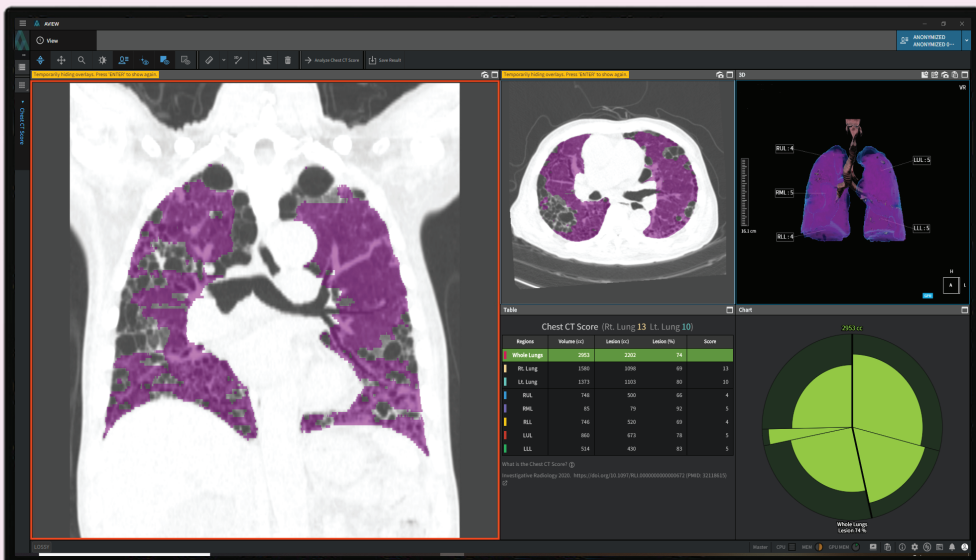
Key features

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



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

Fully automatic ILD texture pattern analysis.

