



σ -Discover™ Lung DR



AI-based
detection
of multiple
lung diseases

Bring Deep Learning
to Intelligent Medicine



Simultaneous detection of 15 diseases

- Atelectasis, cardiomegaly, effusion, infiltration, pneumonia, pneumothorax, consolidation, edema, emphysema, fibrosis, pleural thickening, hiatus hernia, tuberculosis, mass, nodule
- ◆ High sensitivity and low false positive rate
 - ◆ Localization of mass, nodule, pneumothorax and effusion
 - ◆ Quantitative measurements for evidence-based diagnosis (CTR, etc.)

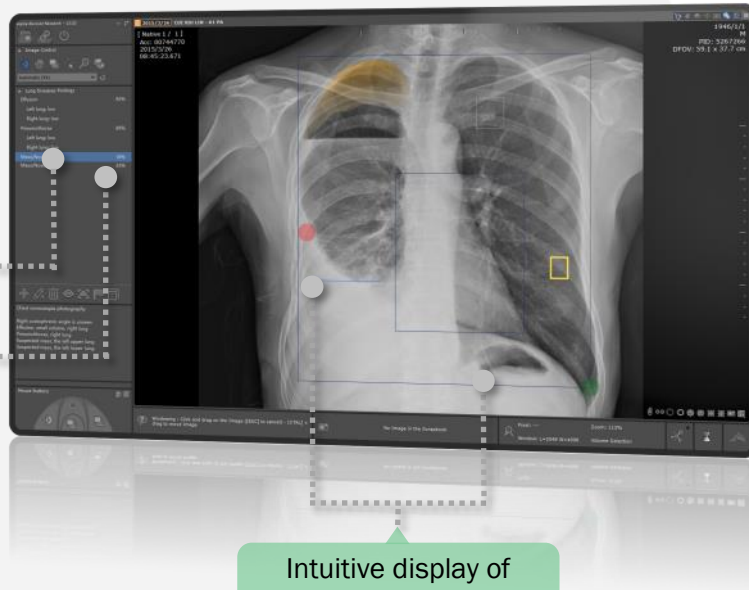


Enhanced user experience

- ◆ Automated data processing by integration with PACS systems
- ◆ Intuitive tabular view and on-screen visualization for efficient reading
- ◆ Improved reader sensitivity and reduced inter-observer variability
- ◆ Interactive tools to sort, add, remove or modify lung disease findings
- ◆ Super-fast processing

Listing of lung
disease findings

AI-empowered
confidence score
for each disease



Intuitive display of
key anatomies



Smart reporting

- ◆ One-click generation of report including image annotations
- ◆ Editable text report for EMR/EHR systems
- ◆ Customized report based on clinician's preference



Embedded in a user-friendly platform

- ◆ Integrated in the Myrian® platform workspace, facilitating navigation

**CE marking & FDA clearance
in progress**