

2.) AI CXR SOLUTION

Jviewer – X

AI-based Pneumonia Analysis Solution in Chest X-Ray

AI Driven Solution

- Self-developed Classification Architecture
- 1M Big Data Trained

Intuitive Software

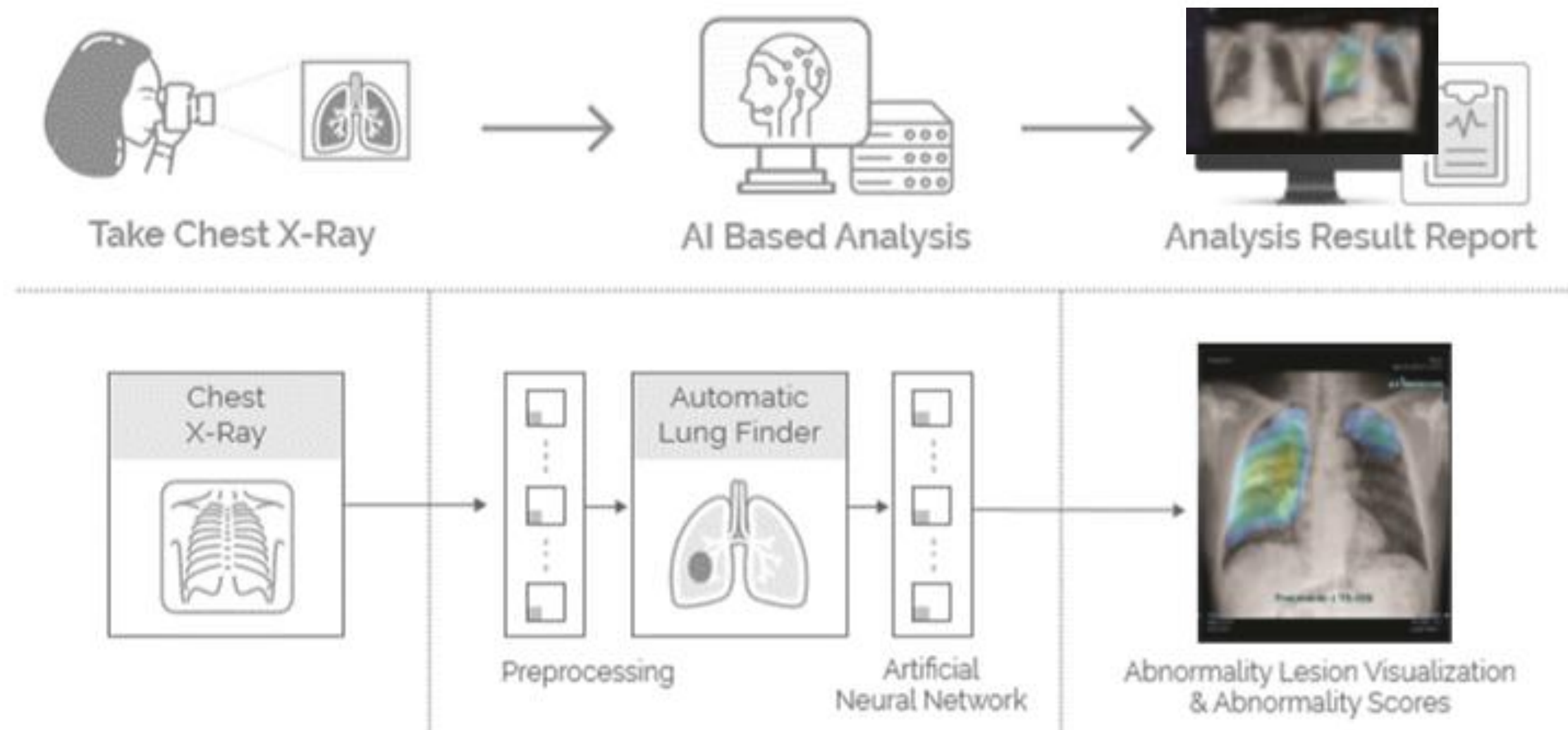
- Easy & Useful Functions for Doctors
- Easy to Manage Files

High Performance

- AUC : 0.99
- Above 0.9 of Sensitivity & Specificity

“Providing AI-based Pneumonia area Analysis Result & Abnormality Scores with intuitive DICOM viewer”

How it works



AUC : 0.99

* Result from internal validation test



Accuracy



Fast Analysis



AI Based Solution



Easy to Use

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Key Features

- AI-based analysis of pneumonia area in Chest X-Ray
- Heatmap visualization of pneumonia with abnormality score
- Analysis result report
- Unique pre-processing method
- Trained over 1M big data with full annotation and verification
- Various annotation tool for lesion marking and correction
- No Internet Needed

PACS and DICOM standard-based medical image viewer

AI based Pneumonia diagnosis result visualization



High Quality X-ray Image

AI Results Visualization with abnormality score

Image Processing & Annotation Tool



LOGIN

Only licensed users can use the product. Enter the ID and password authorized by the administrator.



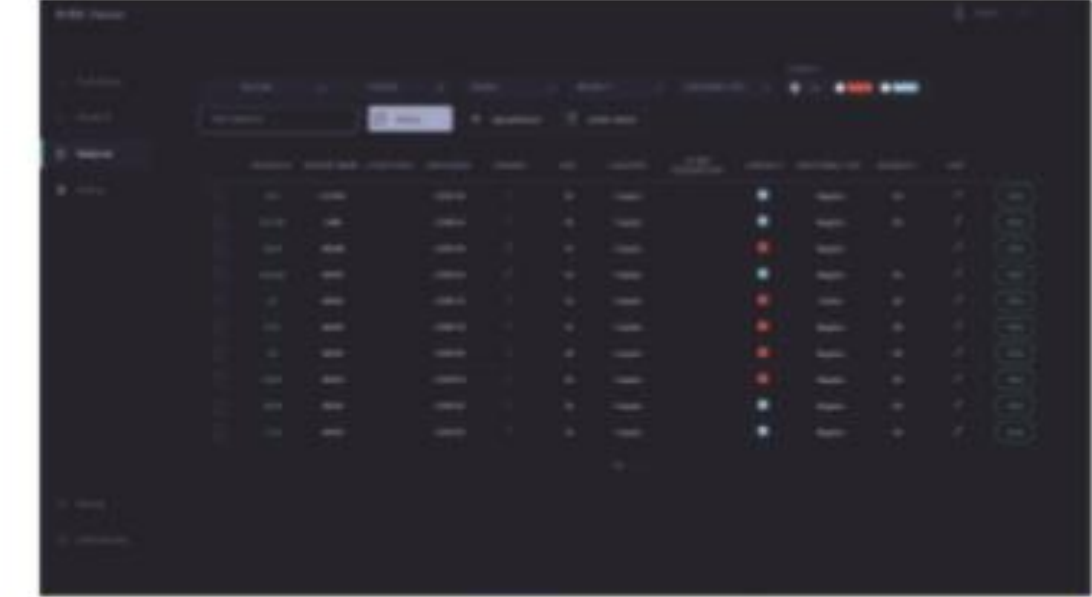
DASHBOARD

The subject information is listed with statistical data by period. All resulted through AI analysis.



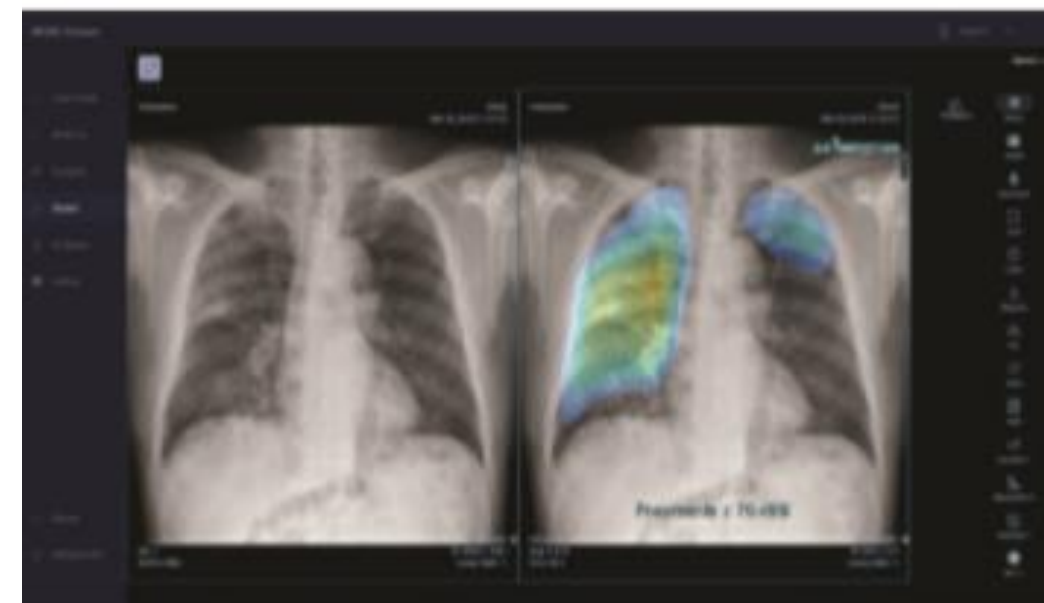
WORK LIST

Add a new subject by uploading X-ray image data to the subject information.



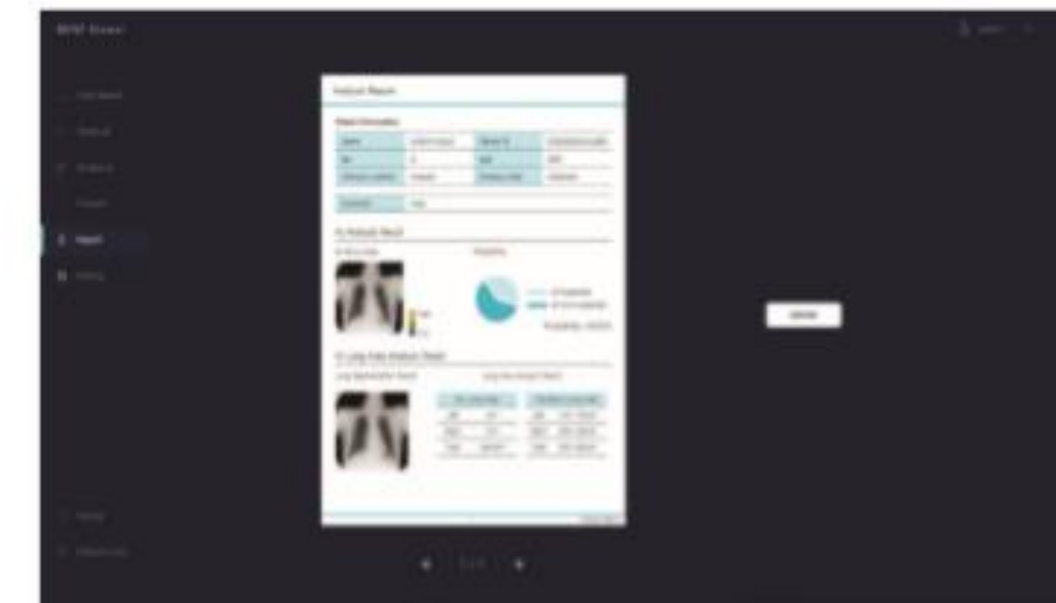
STUDY LIST

Check and edit the subject's information, and the result of the image analysis.



AI VIEWER

AI Results Visualization with abnormality score.



REPORT

View the AI-based chest X-ray analysis report and download it in PDF file.