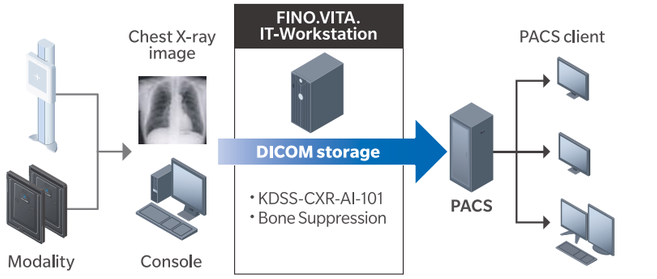
FINO.VITA.IT-Workstation TypeP

Even large facilities that already have PACS can effectively use Chest X-ray image diagnostic support AI and Bone Suppression software.



OPTION (WIP)

Increased confidence in diagnosis by linking with “FINO.Report”

It is possible to check the difference between the doctor’s reading report and the AI analysis result by using FINO.Report.

Use after reading

Comparative AI

Comparison



If there is a difference between the doctor’s reading result and the AI analysis result, a message will be displayed and notified.

FINO.Report

If there is a difference between the doctor’s reading report and the AI analysis result, a message will be displayed and notified. It is possible to easily check information such as "difference details" on the worklist screen.

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Chest X-ray image diagnostic support AI

KDSS-CXR-AI-101

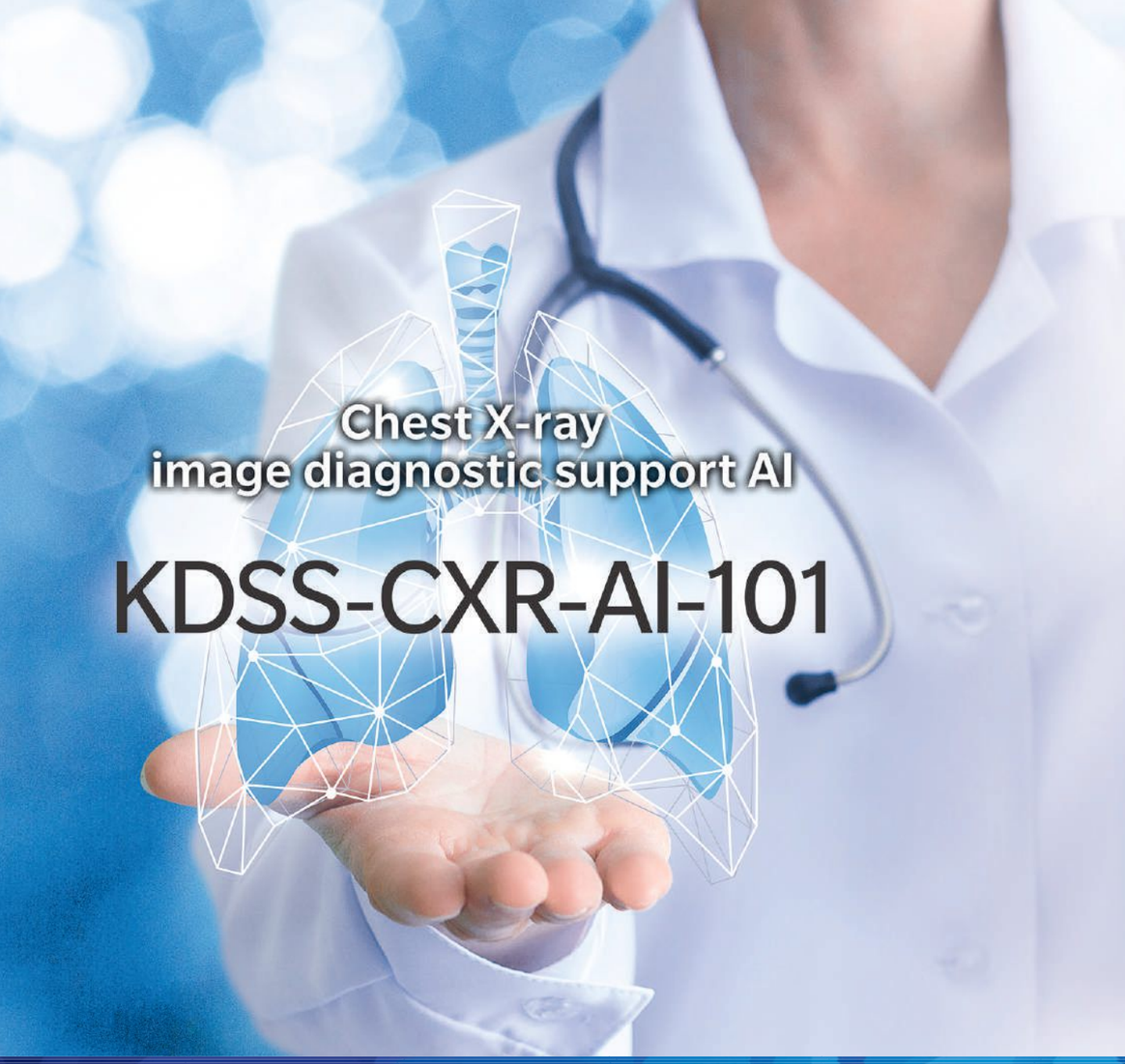
★ The specification are subject to change without prior notice.
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RETHINK WHAT’S POSSIBLE

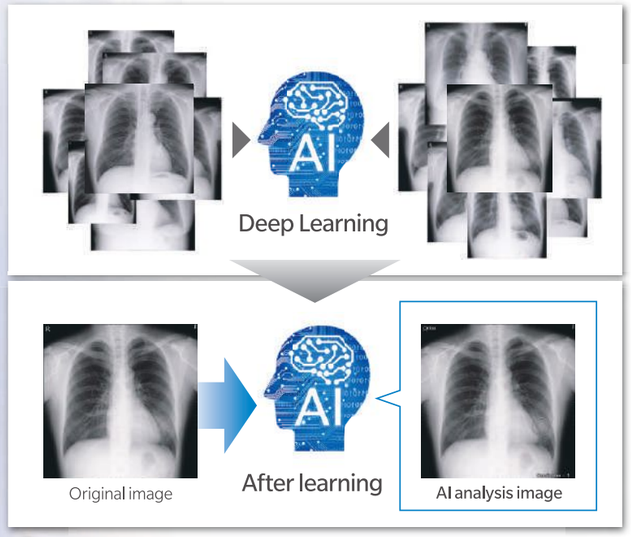
Giving Shape to Ideas

2605U



KDSS-CXR-AI-101 is software developed using deep learning of AI technology. It has been trained on over hundreds of thousands of chest X-ray images. This software supports doctors read chest X-ray images to prevent oversight of nodule suspected lung cancer, and of consolidation suspected pneumonia or tuberculosis. It can be used for a wide range of purposes, including diagnosis and screening.

※The performance and accuracy of this function will not change automatically after the product is released to the market.



EFFICACY

Result of Clinical evaluation and Specification

In clinical evaluation, KDSS-CXR-AI-101 has improved the sensitivity of doctors. Especially clinical evaluation by the group of inexperienced doctors shows remarkable effectiveness.

■ Specification	
Detectable lesions	Nodule・Mass, Consolidation
Result display	Circle the indicated points Display the number of findings in the lower right corner
Sensitivity	Nodule・Mass:84% / Consolidation : 85%
Specificity	88%
Output format	Secondary capture, GSPS

※Sensitivity and specificity are validation results on specific datasets.

Expected effects

- ◎ Prevent oversight of lesions
- ◎ Increased confidence in diagnosis
- ◎ Reducing mental strain



Nodule



Detect lesion overlapping with ribs



Detect lesion near the thorax



Detect lesion overlapping with the heart

※The circle on the left side of the image is a false positive.

Consolidation



Detect multiple lesions



Detect lesion near the lung apex



Detect lesion overlapping with the heart

※The circle in the upper right corner of the image is a false positive.