TERARECON
A ConcertAI Company

Pulmonology Suite on the Eureka Clincal AI Platform

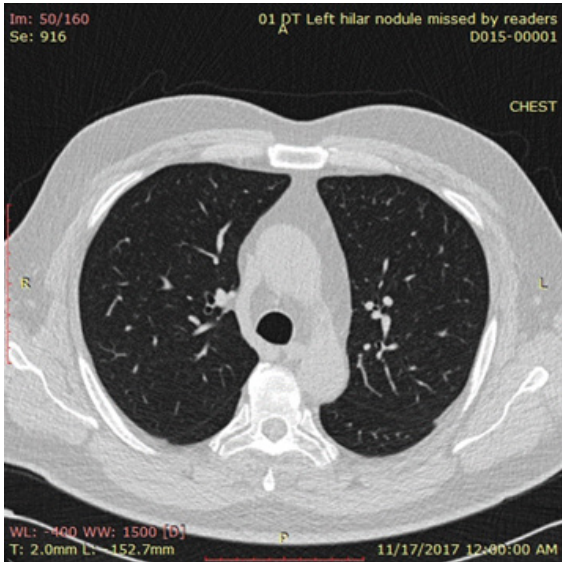
Advanced AI for Comprehensive Pulmonology Analysis

Pulmonology Suite is a collection of hand-selected, vendor-neutral Pulmonology AI algorithms that aid in the analysis and interpretation of Chest Scans to assess, monitor, and provide insights to help support clinicians in treatment decisions for pulmonary disease patients. Possible applications of the pulmonology suite to aid the physician:

- Pneumothorax
- Lung Nodules
- Incidental Pulmonary Embolisms

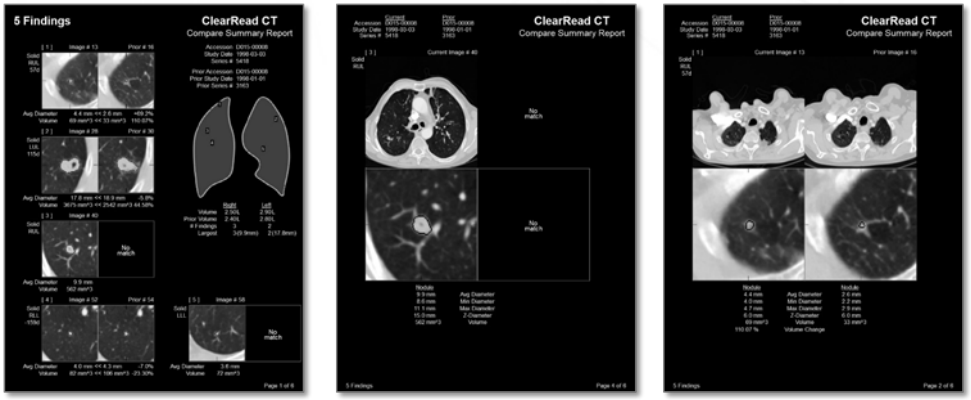
RIVERAIN TECHNOLOGIES

ClearRead CT



- An unimpaired view to improve diagnostic accuracy and efficiency
- Suppress vessels & machine noise for an unimpaired view of the chest to improve accuracy & efficiency
- Leverages Suppression to locate and automatically measure & characterize suspected nodules
- Extends Detect by detecting, characterizing and matching nodules in the current and prior exam, including volumetric changes

ClearRead CT Compare

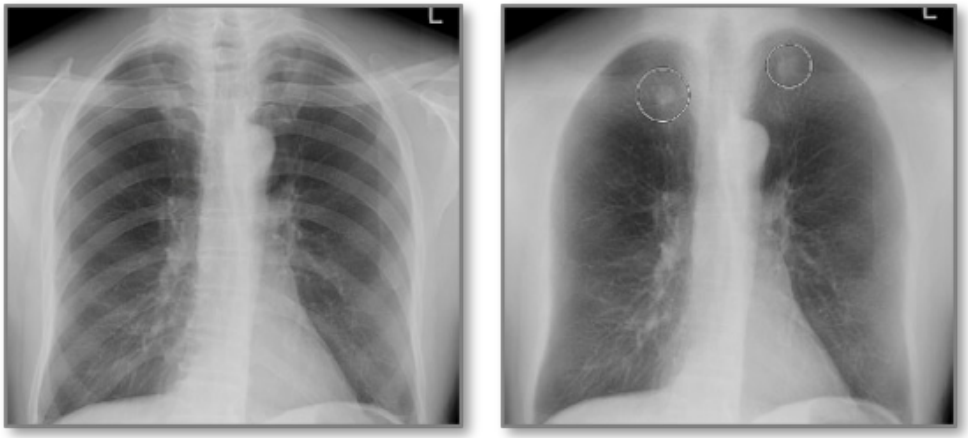


- Easily and quickly make informed decisions about regions of interest with prior data
- Workflow-friendly with automatic nodule comparison from current and prior exams
- Works alongside ClearRead CT

These offerings are subject to availability and may vary based on regional regulations and clearance requirements.
For the most accurate and up-to-date information, please consult your local TeraRecon representative.

RIVERAIN TECHNOLOGIES

ClearRead Xray



- An unimpaired view to improve diagnostic accuracy and efficiency
- No additional procedure or radiation dose to the patient
- Suppress bone & machine noise for an unimpaired view of the chest to improve accuracy & efficiency
- Leverages Suppress to improve the detection of nodules
- Minimize or eliminate the need for image adjustments on portable chest X-rays to improve the conspicuity of lines and tubes
- Visualize density changes between current and prior chest X-ray images for earlier disease detection
- Detect 1 in 10 previously missed emerging nodules for improved patient outcomes
- Works on all upright and portable devices

Pneumothorax

- ClearRead Xray Pneumothorax is an automated assessment (CADt) of any Chest XR image that allows physicians to be alerted to the presence of pneumothorax in 10 seconds
- Identifies suspected PTX greater than 5mm
- Case level output available to workstation for prioritization
- Sensitivity 92%, Specificity 95%

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INFERVISION

InferRead LungCT.AI

Lesion List Generation

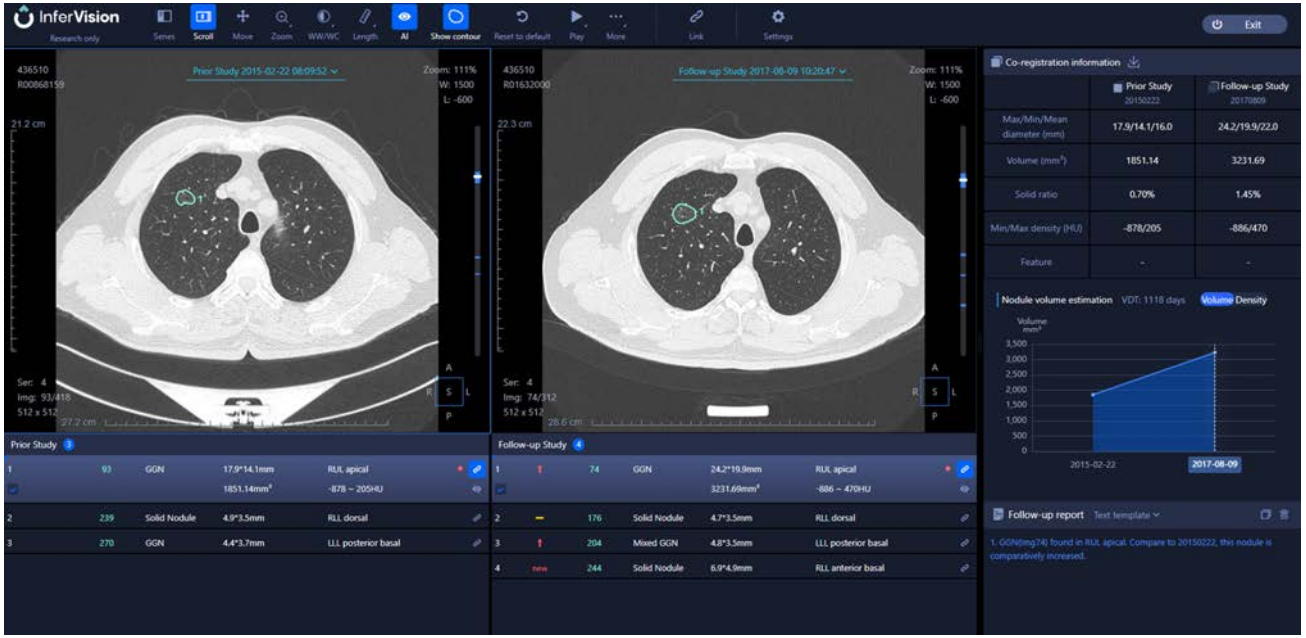
- Automatic nodule detection, type (solid, semi solid, GGN), size, location, slice number, diameter, volume, malignancy, density

Generate Diagnostic Report

- Auto Report based on identified lesions, easily exported into PDF format

Intelligent Follow-up Guidelines

- Provides follow up recommendations and guidelines: National Cancer Network, Lung-Rads, Fleishner Society Guidelines



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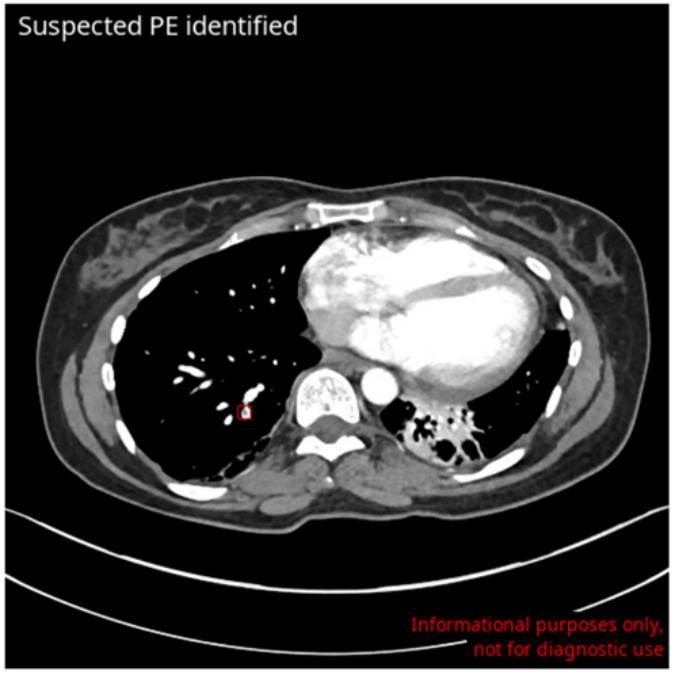
AVICENNA.AI



Incidental Pulmonary Embolism
CINA-iPE

- Easily Report Incidental Findings on Chest CT Scans
- Automatic Prioritization for iPE patients
- Flagging iPE Findings
- Fully Automated and Seamlessly Integrated
- Processing Time of around 63 seconds**
- Confidence in AI
- Sensitivity 86.6%, Specificity 92.7%, Accuracy 90.0%

***The time informed is based on application processing time. The overall time to deliver the information will depend on the vendor, hospital networks and ultimately equipment used.

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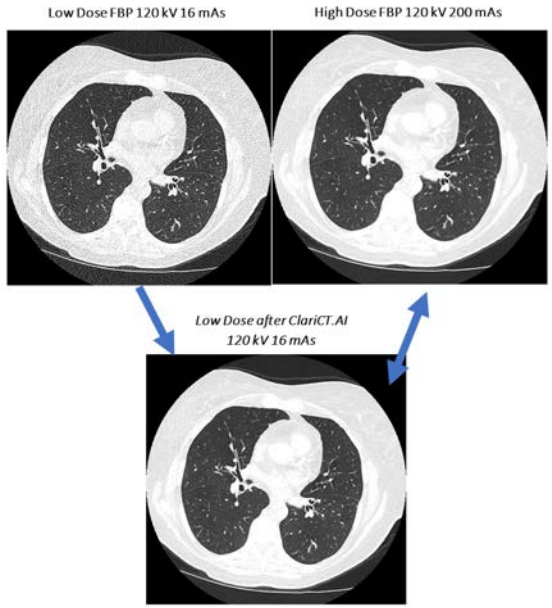
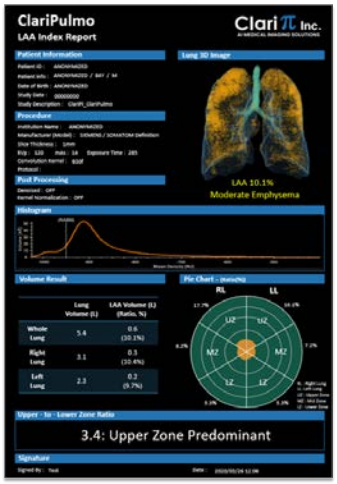
CLARIPI

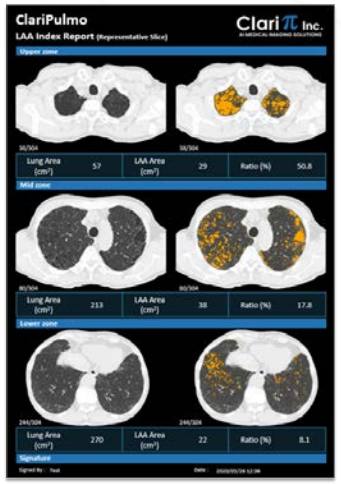
ClariCT



- Denoising algorithm that enhances image quality
- Reduce the radiation exposure to patients
- Denoising can be done with existing CT scanners
- Can enhance other vendor's 3D reconstruction by revealing missed vessels algorithms with denoising
- Extend your Xray tube lifetime
- Improve manual correction time

ClariPulmo





- Automated AI 3D reporting solution for lung diseases on CT images
  - ✔ Emphysema
  - ✔ COVID-19/Pneumonia
  - ✔ Lung Nodules
- Aids in Low Attenuation Area (LAA) and High Attenuation Area (HAA) Analyses
- Clear Analysis Reports
- Convenient History Tracking of Serial Post-COVID Condition

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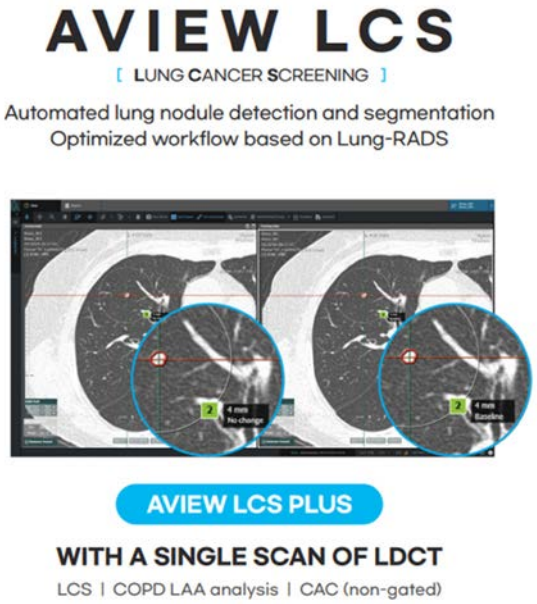
CORELINE SOFT

AVIEW LCS



Automated Lung Nodule Segmentation

- Solid, Part-Solid, Gound Glass
- Calculation of Nodule Volume and Diameter

Super Accuracy

- High Sensitivity and Specificity
- Analysis, Risk Assessment, Follow-Up

Incidental Findings

- Emphysema, CAC, ILA, Fissure Completeness

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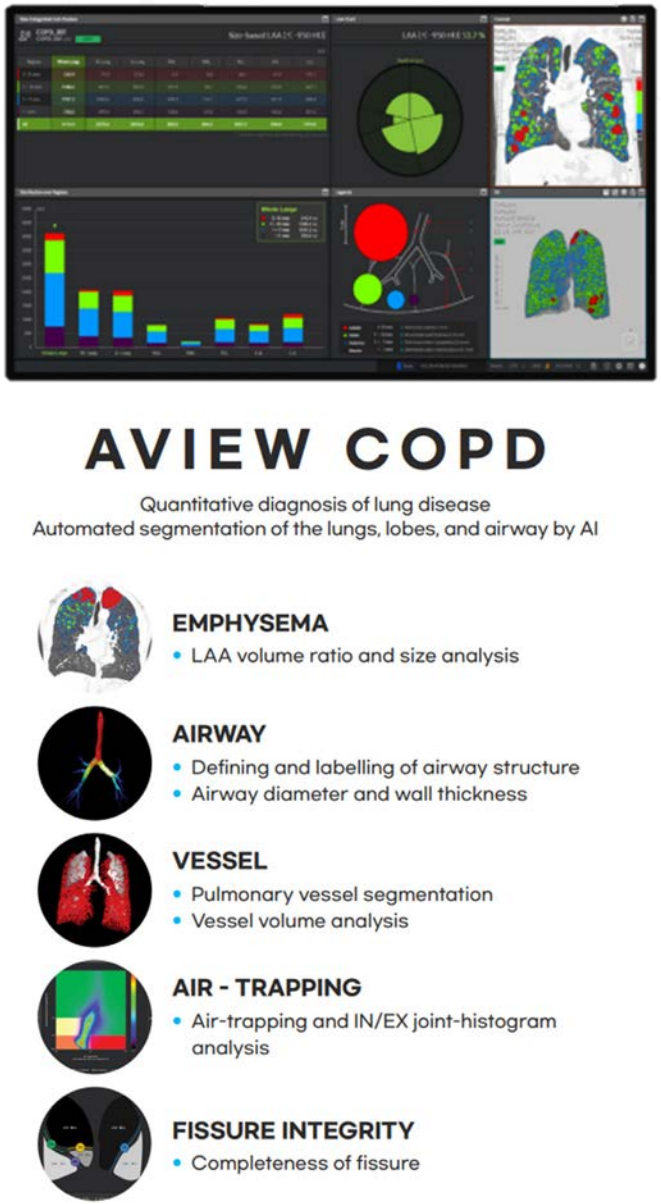
AVIEW COPD



Your expertise, combined with our technology, can redefine the future of pulmonolgy. Experience the potential of AI-powered pulmonology today. Don't wait - request a demo of our Pulmonology Suite now. Witness first-hand how it can revolutionize your practice, enhance your diagnostic capabilities, and ultimately, transform patient care.

US 650.372.1100 | EU +49 (0) 69.9510.352.0 | info@terarecon.com | www.terarecon.com