

ClariPulmo

AI-powered Precision Analytics Solution for Ultra-low-dose CT Lung Cancer Screening

With the unique built-in features including powerful denoising and kernel normalization, ClariPulmo provides accurate and consistent detection and measurement results despite the heterogeneous scan and reconstruction conditions which are frequently encountered in real world environments.

Tri-functional Lung Analytics

Low Attenuation Area (LAA) Analysis



Noise-Robust Quantification
Emphysema

Lung Nodule Detection & Analysis



Detection & Quantification
Solid / Part-Solid / GGN

High Attenuation Area (HAA) Analysis



Precision Quantification & Classification
GGO / Consolidation



Unique built-in features include powerful Ai-denoising and kernel normalization



Enables accurate and consistent characterization in heterogeneous LD CT scan conditions



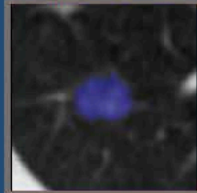
Guarantees robust performance with any existing CT scanners

ClariPulmo is designed to support the physician in detecting, quantifying, reporting of lung lesions with highly reliable performance by a unique combination of AI algorithms. The software provides tri-functional precision analyses of lung lesions such as lung nodule, emphysema, and other high attenuation lesions.



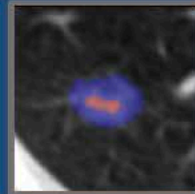
VDT 92 days, Growing

Ground Glass Nodule



Total Volume	828 mm ³
Solid Component	16 mm ³
Diameter	14 mm
Type	GGN

Part-Solid Nodule

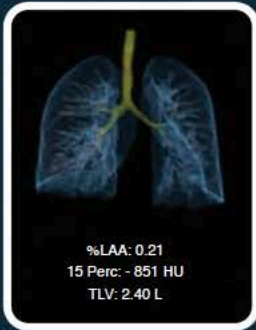
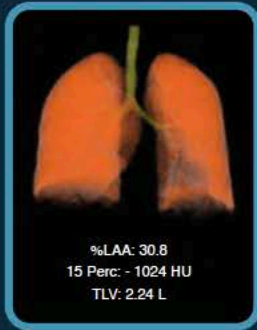


Total Volume	1167 mm ³
Solid Component	234 mm ³
Diameter	16 mm
Type	Part Solid

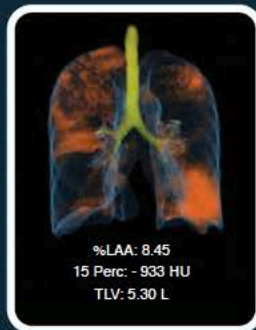
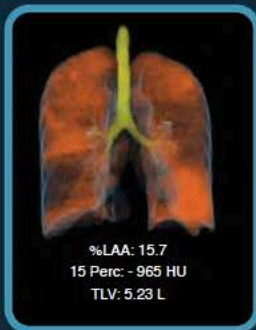
Noise-Robust Precision Emphysema Analysis

Denosing Status OFF ON

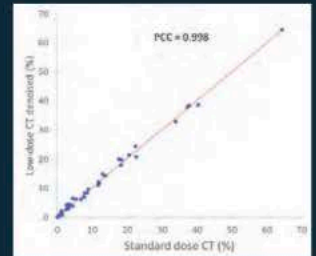
Patient without Emphysema



Patient with Emphysema



LAA Index Comparison Standard vs. Low Dose CT



Surveillance Report of High Attenuation Lesions

