Canon

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CT

Challenges remain in the accurate detection, characterization, and monitoring of cancers despite improved technologies.[1]

Intelligent Image Analysis for Medical Oncology

"Vitrea is fast and works intuitively. The ease with which we can share images among providers helps us meet and exceed our goals for **patient care and patient satisfaction.**"[2]

— *Chad Johnson*
Manager, Medical technology systems
Allina Health System

CT Lung Analysis with Vitrea™ Advanced Visualization

Enhanced post-processing workflow facilitates a more confident diagnosis, treatment and follow-up of patients.

Facilitates improved clinical outcomes
Powerful clinical workflows and partner applications seamlessly integrated

Enhanced workflows
Increased efficiency through consistent user experience and protocols across all modalities
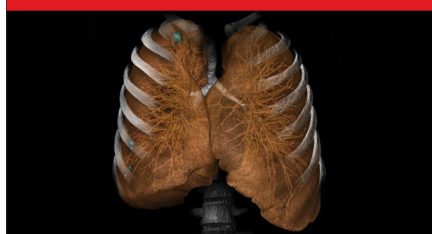
Intuitive user interface
Easy to view in the reading room—dark color scheme

Easy deployment
Thin-client solution with no software footprint on existing workstations


CT Lung Analysis[3]

Aids in measuring and characterizing lung nodules. The interface and automated tools help to efficiently determine growth patterns and compose comparative reviews.

CT Liver Analysis[3]

Provides tools for segmenting and quantifying the liver and liver-related tumors. It provides automatic registration for display of multiple series, optimized screen layouts and quantification tools for routing clinical measurements.

CT Colon Analysis[3]
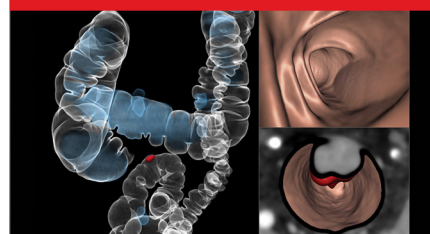
Provides clinicians with the ability to perform CT colonography. It provides optimized layouts for 2D and 3D examination of the lumen, including tools for quantitative analysis of suspected polyps.

CT Body Perfusion[3]
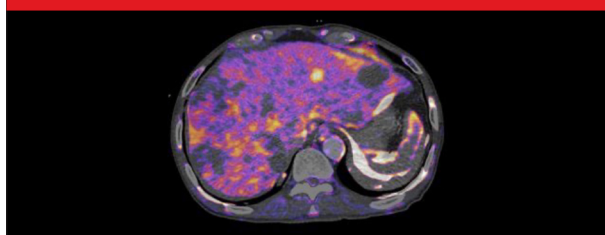
Enables whole organ functional assessment using Canon Medical Systems' Aquilion™ ONE CT scanner. Parametric maps, based on the contrast flow through an organ, provide additional information to aid clinical decision-making. Views and layouts for dynamic display of images are created throughout the duration of the scan.

CT Lung Screening[3]

Enables healthcare providers to manage a lung screening initiative. Standardized lung nodule assessment and comprehensive characterization of nodules over time are a couple of the available options.

[1] Artificial intelligence in cancer imaging: Clinical challenges and applications, Wenya Linda BiMD, Ahmed Hosny MS, Matthew B. Schabath PhD, Maryellen L. Giger PhD et al, CA: A Cancer Journal for Clinicians; Volume 69, Issue2; March/April 2019; pp 127-157
[2] The clinical results, performance and views described are the experience of the clinicians. Results may vary due to clinical setting, patient presentation and other factors
[3] Option

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