



Clinical Application:

Liver Oncology

700,000 people are diagnosed with **liver cancer** worldwide each year¹ and it is the **fourth** most common cause of cancer death overall.²

To tackle the complexities of diagnosing and treating this multi-faceted disease, clinicians need integrated, intelligent tools.

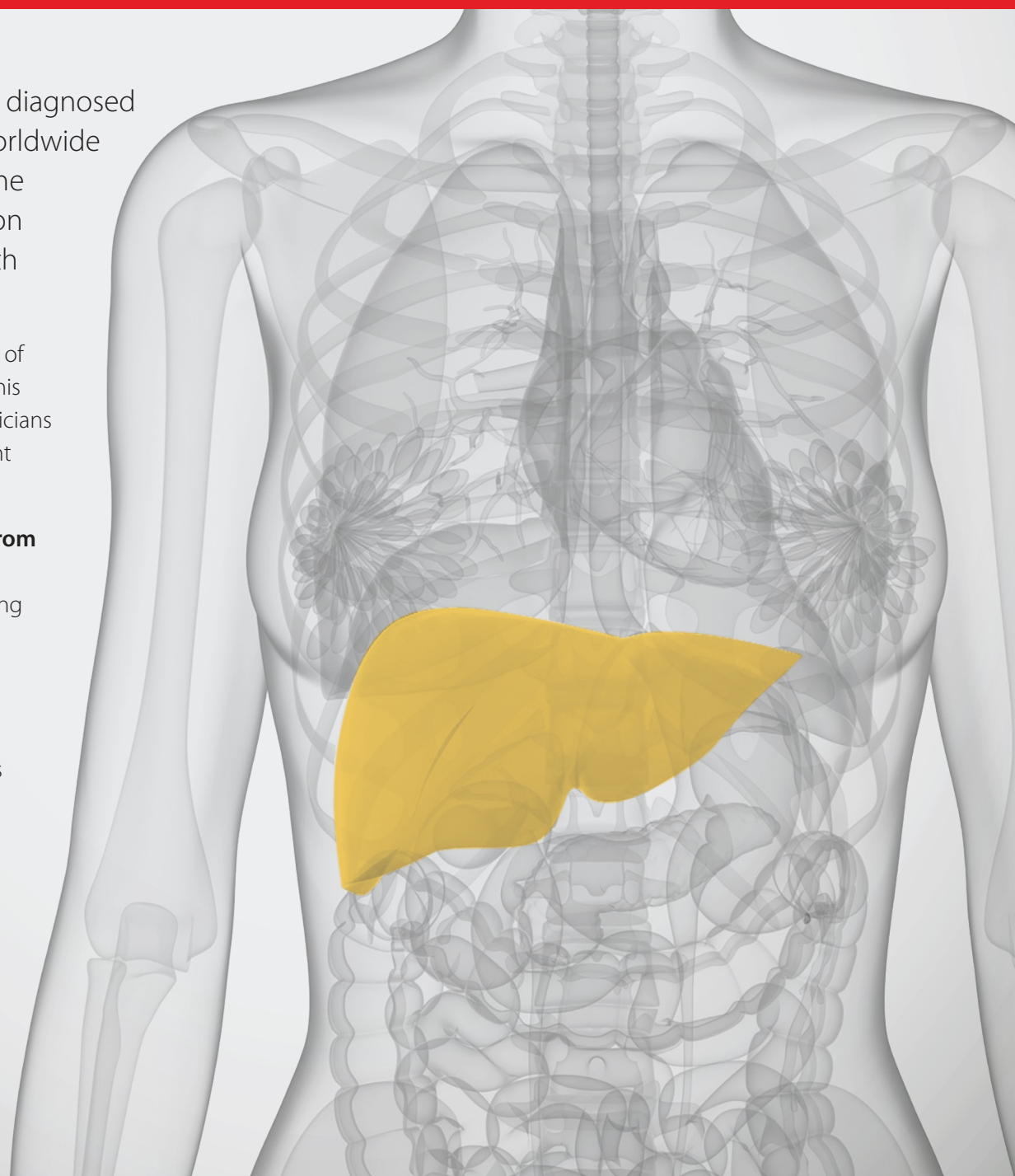
Collaborative Imaging from Canon Medical Systems

delivers a complete imaging solution to help optimize precision, increase confidence, streamline workflow and improve patient-centric care across every step of the liver oncology cycle of care.

¹ Source: <https://www.cancer.org/cancer/liver-cancer/about/what-is-key-statistics.html>

² Source: GBD 2015 Mortality and causes of death collaborators. Global, regional, and national life expectancy, all-cause mortality, and cause-specific mortality for 249 causes of death, 1980-2015: a systematic analysis for the global burden of disease study 2015. *Lancet* 2016;388 (10053):1459-1544. doi:10.1016/S0140-6736(16) 31012-1.

* See full Lumason prescribing information



SCAN

Canon Medical's imaging systems and applications provide accurate visualization and streamlined workflows to help simplify the complexities of liver oncology.

- Non-invasive ultrasound imaging technology, available on the **Aplio i-series**, enables clinicians to visualize and characterize liver lesions for confident liver assessment using Shear Wave Elastography, Attenuation Imaging, Shear Wave Dispersion and Contrast Enhanced ultrasound.*
- **Aquilion Precision** with industry leading ultra-high resolution and the **Aquilion ONE / GENESIS Edition CT** with whole organ coverage in one rotation, offer impressive lesion imaging with multi-phasic protocols.
- **Celesteion / PUREVISION Edition PET/CT** redefines comfort, safety and precision for patient staging and monitoring with the industry's largest PET/CT bore and True Scan FOV accuracy.
- Intelligent Acquisition, patient friendly designed CT, PET-CT and the **Aquilion LB** offer world class technology with personalized patient protocols, metal artifact reduction and automated **SURESubtraction**.
- The **Quick Star** application, available on our MR systems, enables fast abdominal imaging using free-breathing to reduce motion artifacts.

DIAGNOSE & TREAT

Our suite of intelligent tools helps clinicians prioritize clinical precision by visualizing, staging and tracking tumors with maximum efficiency.

- Canon Medical's portfolio of intelligent processing software — including **Vitre's CT Liver Analysis and CT Body Perfusion 4D** — provides clinicians with advanced visualization technology to track tumor progress and plan liver resections.
- The **Alphenix 4D CT** system seamlessly integrates the interventional lab and CT for confident, streamlined image-guided procedures to help clinicians increase efficiency and eliminate patient transfers.

ANALYZE

Canon Medical Systems delivers intelligent analytics to help facilities improve clinical, operational and financial outcomes — and deliver optimal patient-centric care.

With analytics powered by Vitrea Intelligence and CodeX, practices can strive to achieve:

- **Improved** operational outcomes via prescriptive analytics.
- **Reduced** clinical risks.
- **Better** dose efficiency and safety with dose management and reporting across the organization — per equipment and operator.
- **Enhanced** clinical workflows and operations thanks to Patient Cohort Analysis.
- **Standardization** of acquisition protocols across equipment, models and locations.

Experience enhanced clinical operations, thanks to intelligent analytics with Collaborative Imaging.

SHARE

Our suite of integrated applications securely enables intelligent information sharing so clinicians can:

- **Refresh** relevant clinical information from disparate sources and deliver it to the point of care with Vitrea Connection.
- **Integrate** images into the clinical workflows across devices and networks with Vitrea View Enterprise Viewer.
- **Collaborate** on a treatment strategy.
- **Manage and reduce** risk by addressing system vulnerabilities with Canon Medical's Cybersecurity capabilities.

Because of our partnerships with leading enterprise imaging companies, all data — regardless of vendor or system — is seamlessly integrated, optimized and shared across all networks.

Experience intelligent content orchestration across your network, thanks to Collaborative Imaging.