Clinical Application:
Liver Oncology

700,000 people are diagnosed with liver cancer worldwide each year\(^1\) 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


* See full Lumason prescribing information
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.
- **Standardized** acquisition protocols across equipment, models and locations.

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

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**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 **Aquilon 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 **SURE Subtraction**.
- The **Quick Star** application, available on our MR systems, enables fast abdominal imaging using free-breathing to reduce motion artifacts.

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**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 **Vitrea’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.

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**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:

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**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.

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