Up to

67%

improvement in PET/CT lesion volume measurements.[1,2]

Up to

30%

improvement in quantitation accuracy with MotionFree[1,3]

Avoid up to

11min

of patient set-up time compared to an external gating device[1,4]

Simplify the complex with Effortless Workflow.

Our advanced innovations for MI are designed to usher in a new age of efficiency, including faster patient insights, less scan times, and reduced backlogs.

Prepare

SPECT/CT – Optical Scout provides preliminary, optical scans in seconds to create an accurate topographical map of the patient.

PET/CT – Auto Positioning streamlines patient positioning workflow into a single click operation.

PET/CT – AutoIN gives your technologists the ability to landmark and position the patient table from the console in the control room.

Scan

SPECT/CT – SwiftPlan Workflow enables adaptive, consistent, and personalized camera setup and scanning, while minimizing patient time on the camera.

PET/CT – MotionFree digital respiratory motion management solution eliminates the need for a gating device.

Decide

SPECT/CT – SmartConsole automates SPECT/CT reconstruction, simplifies complex hybrid imaging and quantitative protocols, and generates high-quality hybrid images.

SPECT/CT – Q.Lung AI automatically segments lung lobes for preoperative functional assessment of lung cancer cases. For pulmonary embolism cases, it automatically segments the lungs and trachea for 3D evaluation of ventilation and perfusion.

Effortless Workflow solutions are available as follows:

SPECT/CT features on StarGuide™

PET/CT features on Omni Legend, Discovery MI Gen 2, and Discovery IQ Gen 2

Some features may not be available on all systems or models. Check with your local GE HealthCare representative for availability in your country or region.

[1]The results achieved by this facility may not be applicable to all institutions, and individual results may vary. This is provided for informational purposes only and its content does not constitute a representation or guarantee from GE HealthCare.
[2]Compared MotionFree to non-processed (STATIC, no motion-correction) data. As demonstrated in phantom testing using a typical and fast respiratory model, 18 mm Ge-68 spheres, and OSEM reconstruction.
[3]As demonstrated in phantom testing using a typical and fast respiratory model and OSEM reconstruction. Quantitative accuracy improvements are based on SUV mean.
[4]Based on clinical practice at University Hospital Zurich, using 5-Ring PET/CT with MotionFree and RPM. These results are for illustrative purposes only and represent specific customer experiences; actual results could vary depending on clinical practice.