

QualityGuard

**Save up to 30 minutes a day¹
by eliminating daily quality control**

Daily quality control is a necessary part of every PET/CT lab routine, but manual quality control consumes your staff's time and exposes them to radioactive sources.

QualityGuard runs PET daily and weekly quality control procedures automatically overnight to:

- Save up to 30 minutes a day and open additional scan slots¹
- Reduce occupational dose exposure from calibration sources by up to 98%¹
- Improve your staff satisfaction by eliminating a tedious routine task, reducing the need to lift heavy phantoms and allowing your staff to spend more time with patients

QualityGuard streamlines workflow

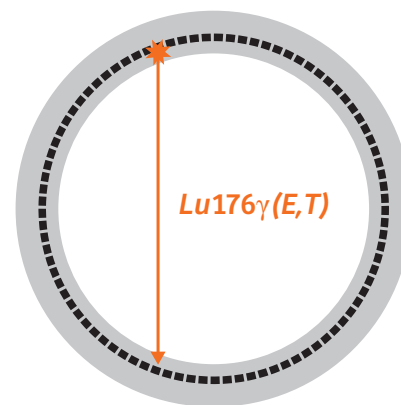
By eliminating manual daily and weekly quality control, your staff can save up to 30 minutes per day and spend more time interacting with patients.¹ This extra time can also open up an additional scan slot, while the automation can ensure that the system is calibrated, providing consistent quantitative accuracy.

No radioactive source required for daily and weekly quality control

QualityGuard uses intrinsic radioactive properties of Lutetium present on LSO detectors to automatically calibrate itself, eliminating the need for an external source for daily and weekly PET quality control. This can reduce your staff's exposure to calibration sources by up to 98%.¹

Increase staff satisfaction and time spent with patients

By eliminating a tedious routine task and reducing the need to lift heavy phantoms, QualityGuard helps improve staff satisfaction, while allowing for more time spent with your patients.



The PET/CT scanner records the position and the time difference of the events from the ¹⁷⁶Lu decay to create a line of response that can be used for scanner setup and quality checks.

Key benefits of QualityGuard

- Maximizes workflow and increases operational efficiencies
- Eliminates need for daily and weekly manual calibration setup
- Reduces staff exposure to radiation sources¹
- Reduces risk of work-related injury
- Saves up to 30 minutes per day¹

To learn more, contact your Siemens Healthineers sales representative.

QualityGuard is currently under development and does not yet fulfill all the essential requirements according to the European Medical Device Directive (93/42/EEC) and its national implementations. It is not yet commercially available in the European Union and not available for sale in the U.S. or any other country. Future availability cannot be guaranteed.

Reference:

1. Based on internal measurements at time of publication. Data on file.

Siemens Healthineers Headquarters

Siemens Healthcare GmbH
Henkestr. 127
91052 Erlangen
Germany
Phone: +49 9131 84 0
siemens.com/healthineers

Global Business Line

Siemens Medical Solutions USA, Inc.
Molecular Imaging
2501 North Barrington Road
Hoffman Estates, IL 60192
USA
Phone: +1 847 304-7700
siemens.com/mi