TERAPET
PRECISION IMAGING

Qualyscan®
In Vivo

In vivo verification integrated into conventional particle therapy

IN POSITION. IN VIVO. IN CONTROL.

Qualyscan In Vivo* brings Positron Emission Tomography (PET)-based verification directly into the clinical workflow.

Performed with no patient repositioning between irradiation and measurement, it preserves geometric consistency and enables a direct correlation with the planned treatment.

***Currently under development and not yet commercially available as a clinical solution.**

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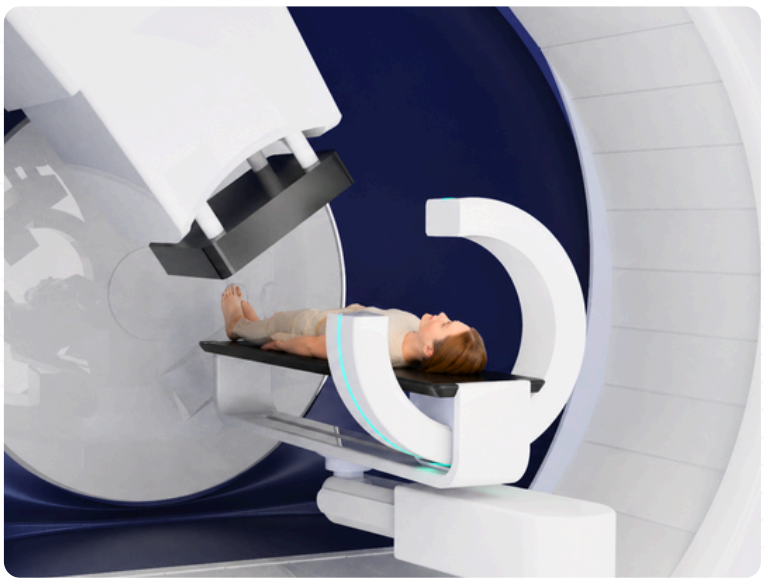
CLOSING THE LOOP IN PARTICLE THERAPY



FROM PLAN TO PROOF

Qualyscan In Vivo is designed to enable a streamlined workflow from treatment planning to verification with minimal disruption to clinical routine.
The measured activity distribution is reconstructed, allowing meaningful correlation with the expected distribution and providing independent verification of treatment delivery and beam range.

BUILT FOR CLINICAL PRACTICE

Fast reconstruction, intuitive analysis and standardized DICOM output support routine clinical use, while rapid and quantitative feedback enables more informed decisions and supports adaptive, data-driven particle therapy.
Designed for clinical practice, the system operates seamlessly within the treatment room environment, with minimal impact on workflow and treatment time.

UNLOCK THE FULL POTENTIAL OF PARTICLE THERAPY

Qualyscan In Vivo makes PET-based verification an integral part of the treatment workflow

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