TERAPET
PRECISION IMAGING

Nuclyscan®

Next-generation total-body PET/CT scanner

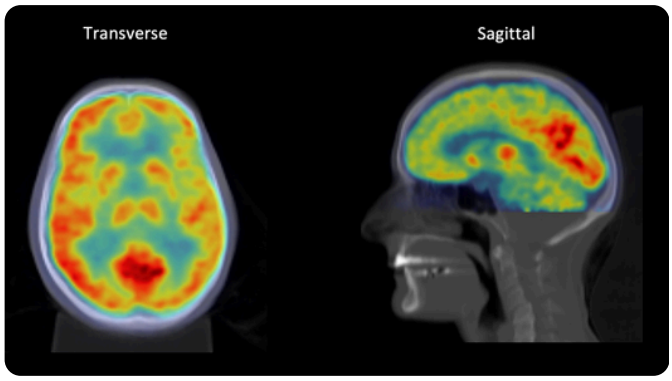
MORE PRECISION. MORE INSIGHT. LESS COST

Nuclyscan introduces a fundamentally new detector technology, designed to overcome the traditional trade-offs in PET imaging by combining high sensitivity, state-of-the-art spatial resolution, and a cost-efficient system architecture.

Its total-body design enables a comprehensive and quantitative assessment of biological processes across the entire body, supporting a wide range of clinical and research applications, including oncology, neurology, and cardio-vascular imaging, as well as clinical trials and pharmacokinetic studies.

TERAPET SA
Geneva - Switzerland
info@terapet.ch

SEE THE WHOLE PICTURE. FROM DETECTION TO DECISION.



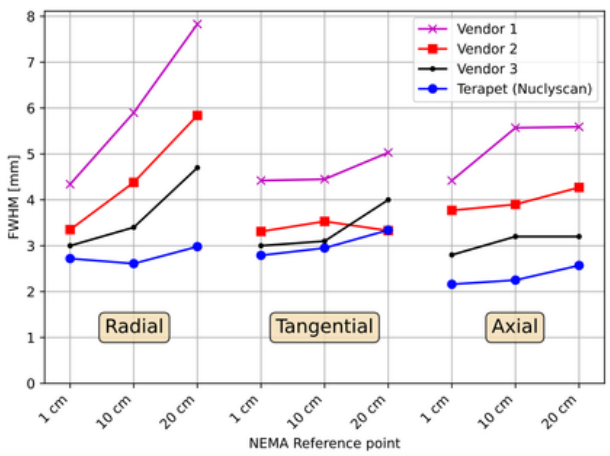
Brain PET imaging

WHOLE-BODY QUANTITATIVE IMAGING

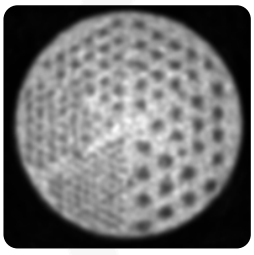
- Enable real-time, whole-body tracking of metabolic activity
- Reveal how biological processes evolve dynamically across organs rather than as isolated snapshots
- Support more precise, personalized therapeutic decision-making

PROVEN IMAGING PERFORMANCE

- High-quality brain imaging demonstrated on prototype
- Reconstructed spatial resolution down to 2.6 mm (NEMA NU 2 testing of prototype)
- Market-leading spatial resolution as evidenced by the Jaszczak phantom measurement with clear visualization of small rods
- Depth of Interaction sensitivity for reduced parallax error



Nuclyscan Spatial Resolution (NEMA NU 2), compared to leading TB-PET vendors.



Jaszczak phantom

UNLOCK THE FULL POTENTIAL OF NUCLEAR IMAGING

Beyond routine diagnostics, enabling therapy and drug development, ensuring every patient benefits: treat what you see, and see what you treat.

TERAPET.CH