

Mediso unveils the new MultiScan LFER 150 PET/CT research tool

Gothenburg, Sweden – 17th October 2014 – Mediso announces the MultiScan LFER 150 PET/CT, the first member of the MultiScan product line dedicated to research applications for both clinical and pre-clinical imaging. The LFER 150 (Large Field of view Extreme Resolution) with 20 cm axial and 15 cm transaxial field of view (FOV), sub-mm PET resolution and 5% sensitivity is aimed at pre-clinical brain research.

The above application is facilitated by the detachable patient table and virtually no dead space in front of the FOV, making it highly accessible. The compact imaging head can be manipulated with a high degree of freedom and the detectors' unique configuration enables consecutive PET and CT acquisition without moving the subject.

The dockable MobilCell examination table allows helical CT studies and multiple bed position PET imaging of up to 60 cm axial FOV. To further increase the utility of the system, it is compatible with the MultiCell range of imaging chambers for single and multiple rats and mice, rabbits and marmosets and includes temperature control and respiratory and ECG monitoring.

Istvan Bagamery, owner and CEO of Mediso tells: "While designing the MultiScan LFER 150 PET/CT we had the most challenging neuroimaging tasks in mind, like brain experiments with visual stimulus on awake sitting monkeys. Studies on various species from mouse to mini-pig are also supported. We are very proud at the first installation of the system in the laboratory of Dr Hirotaka Onoe, at the Japanese RIKEN Center for Life Science Technologies, presided by Prof. Yasuyoshi Watanabe. Our new system is a perfect match to the broad range of research activities going on there."

"The new MultiScan product range will also consist of dedicated clinical research scanners, the next development being a clinical brain scanner."

About Mediso Ltd.:

Mediso was founded in 1990 by experts in R&D and manufacturing of multimodal nuclear imaging. Currently it offers four modalities - SPECT, PET, CT, MRI – and is the leading provider of preclinical imaging technology around the world. Its past innovations include nanoScan PM, the first commercial integrated preclinical PET/MR system with already 15 installations. Mediso's clinical and preclinical products are sold worldwide directly and through a network of distributors, with over 1250 imaging systems operating in more than 90 countries around the globe.

For more information, please visit the Mediso web site at www.mediso.com.