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ASIA EDITION

Australia invests $15 M to open medical imaging facility for research & clinical use

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Australia's first total body PET scanncer for open access research



The Australian National Total Body PET Facility officially opens in Sydney, delivering the first Total Body Positron Emission Tomography (TB-PET) scanner for Australia-wide open access research, as well as clinical use.

The facility will drive advancements in cancer studies, neurological disorders, cardiovascular disease and drug development, and reduce scanning time and radiation doses to transform patient care.

The $15 million facility is a collaborative venture between the University of Sydney, the National Imaging Facility (NIF) and Northern Sydney Local Health District, to benefit Australian patients, clinicians, researchers and industry partners.

Located at Royal North Shore Hospital, the Siemens Biograph Vision Quadra is a revolutionary leap forward in nuclear medical imaging. This cutting-edge device enables comprehensive whole-body imaging in a single scan, significantly reducing radiation exposure and cutting down scanning time from 20 minutes to as little as three, all while delivering higher-quality images.

The facility is Australia’s most sensitive PET scanner dedicated to research, and will be a critical tool for clinical trials and industry collaborations. The ability to image the entire human body allows researchers to observe drug absorption, accumulation and elimination processes in all organs simultaneously.

The Australian National Total Body PET Facility will operate under an equal time-share arrangement between clinical use and research, ensuring five day per week open access for all researchers throughout Australia.