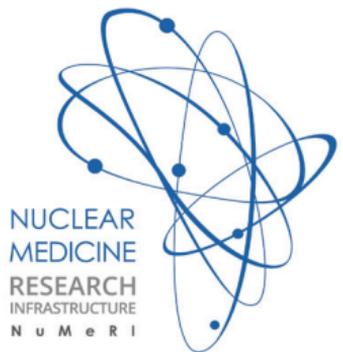


NuMeRI Node for Infection Imaging



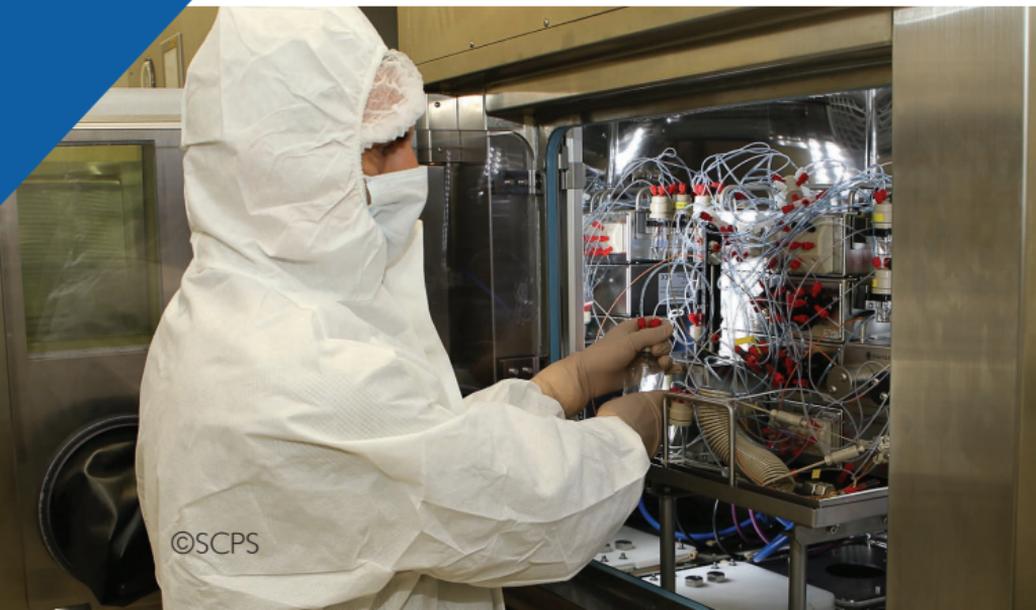
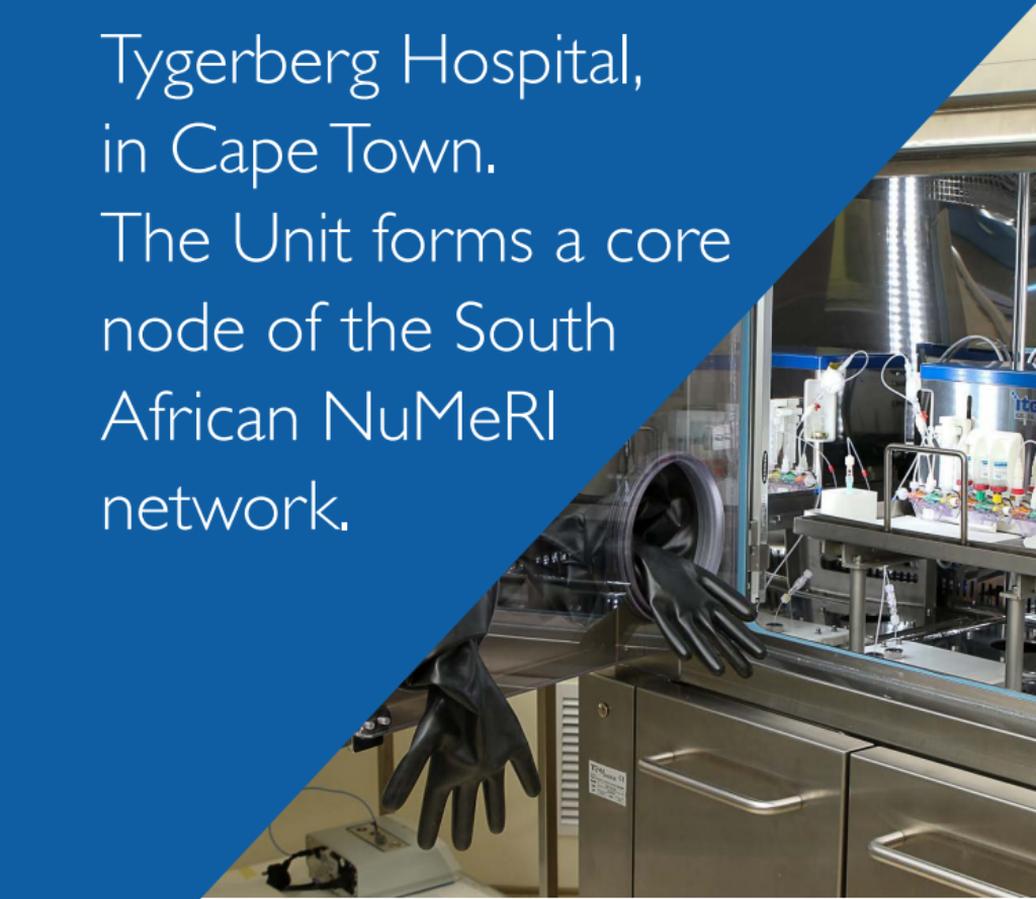
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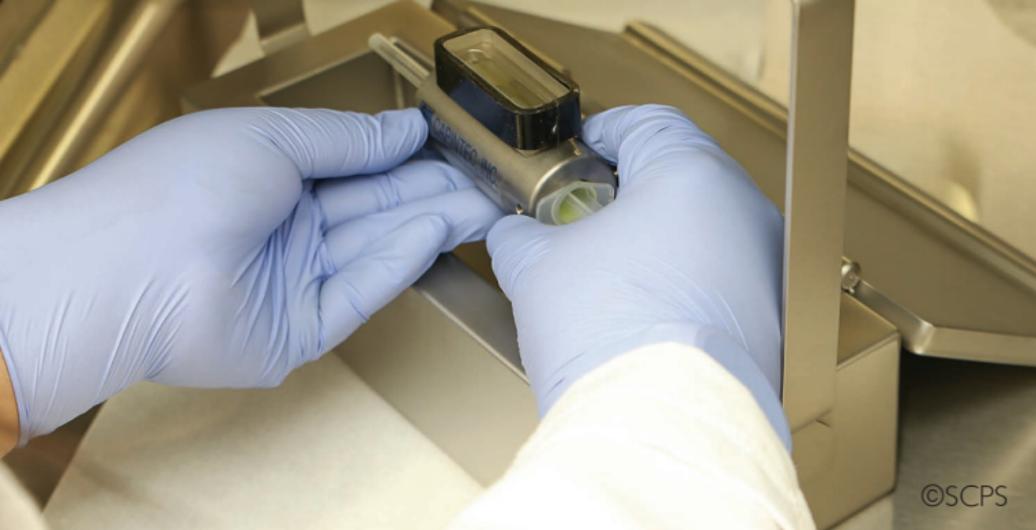


forward together
sonke siya phambili
saam vorentoe



The **Node for Infection Imaging (NII)** is a PET/CT research facility, hosted by the Central Analytical Facilities (Stellenbosch University) and is located at Tygerberg Hospital, in Cape Town. The Unit forms a core node of the South African NuMeRI network.





Facility Highlights

- EARL-accredited Centre of Excellence
- Stringent infection control design
- Fully-equipped radiopharmacy
- Emergency power backup
- Central access with proximity to academic hospitals (TBH, GSH); airport; and iThemba Labs
- Remote access to project DICOM data and reports through our NII PACS portal

Our Equipment

PET/CT

- Philips Vereos digital PET/CT with 64 channel (128 slice) CT and iDose4
- CCTV and clinical patient monitoring
- Cardiac and respiratory gating capabilities
- Apollo dual head contrast injector (APO200)

Radiopharmacy

- Two Tema Sinergie Hot cells (NMC Ga-68)
- ITG synthesis module (iG-TS)
- Shimadzu HPLC (Nexera XR)
- Raytest gamma detector (GabiStar)
- LabLogic TLC (Scan-Ram)
- PerkinElmer GC (Clarus 580)
- Merck Millipore water purifier (Direct-Q3)
- Charles Rivers Endotoxin testing apparatus (Endosafe Nexgen PTS)

Our Team

The NII is permanently staffed by a nuclear medicine staff scientist, a radiopharmacist, three nuclear medicine radiographers, a practice manager, and a medical administrator. The Unit is supported by the SU Divisions of Nuclear Medicine and Radiodiagnosis, with over a decade of academic PET-CT experience.

Services

PET/CT scanning

The NII currently offers scans performed with both commercially available tracers (F-18 FDG; F-18 DOPA; Ga-68 PSMA; Ga-68 DOTANOC) and radiopharmaceuticals labelled on-site.

The NII is well-suited to performing research in multiple fields, with applications in infectious disease, clinical oncology, neurology, psychiatry, cardiology, and pulmonology.

Scan tariffs are available on request and on our website.

Research support

Assistance with protocol development and analysis techniques.

Laboratory equipment

Access to specialist radiopharmacy equipment.

Contact Us

Practice Details:

Dr A Doruyter

MBCbB, Dip PEC(S), MMed(SU), FCNP(SA),
PhD(SU), Nuclear Physician

Practice Number: 0874876

Enquiries:

Reception: +27 (0) 21 834 4621

Email: NII@sun.ac.za

Website: www.sun.ac.za/nii

Hours: MON-FRI 08h00-16h00

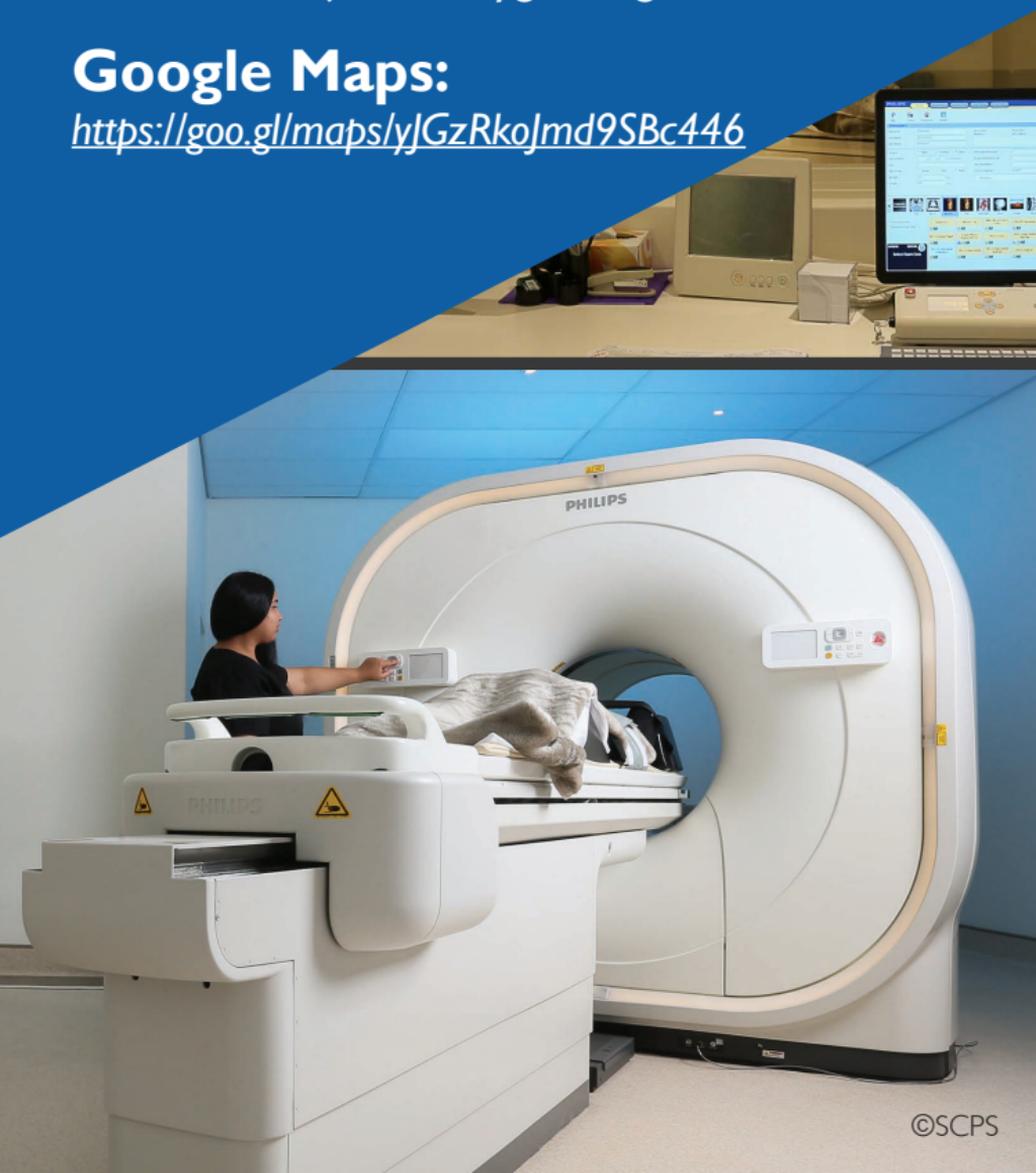
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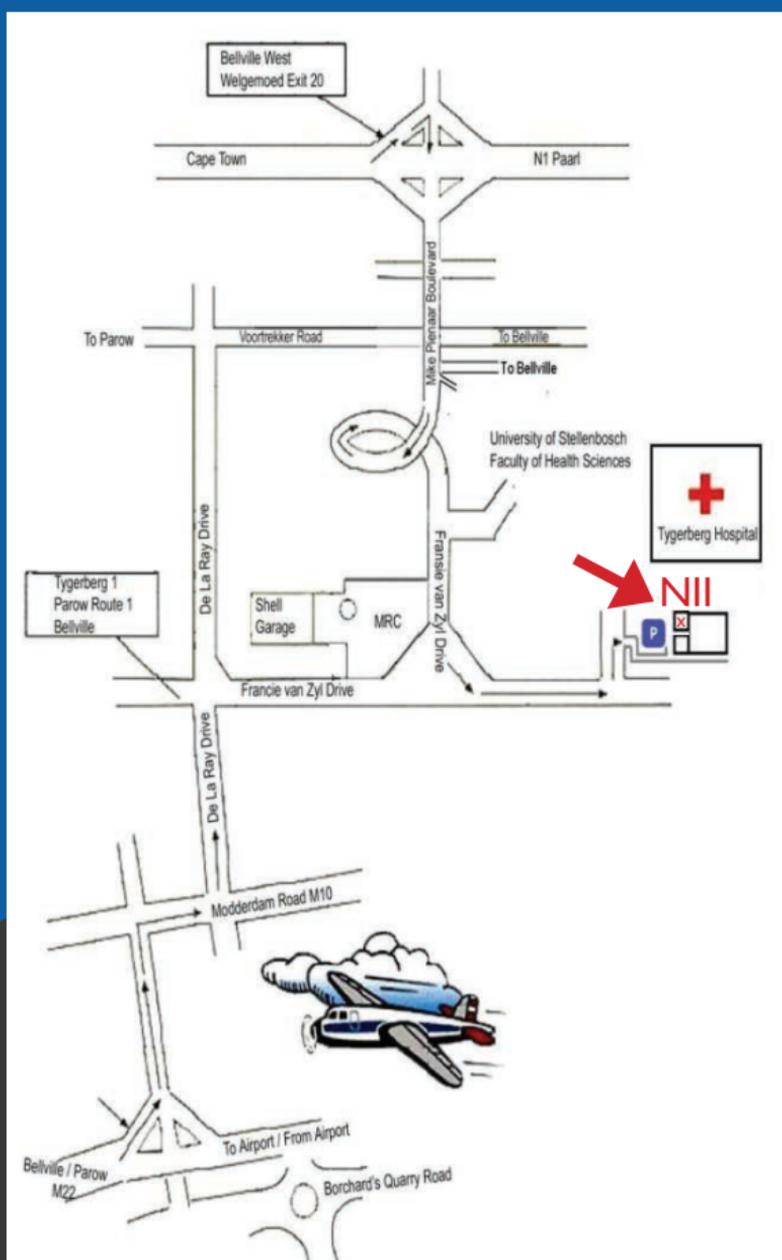
NuMeRI Node for Infection Imaging

Gene Louw Building (X-Block), Tygerberg Hospital,
Francie Van Zijl Drive, Tygerberg, 7505

Google Maps:

<https://goo.gl/maps/yjGzRkoJmd9SBc446>





Node for Infection Imaging (NII)

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