



Media Release

Improving Diagnostic Accuracy, Optimising Patient Care

21 July 2014 – **RafflesHospital** is pleased to announce the opening of its **RafflesNuclearMedicineCentre**. The centre will provide advanced clinical services for oncological, neurological and cardiological diseases. Conceptualised and designed as an integrated molecular imaging facility, it boasts the state-of-the-art Siemens mCT flow Positron Emission Tomography (PET) modality (see Annex B for more information), the first such installation in Southeast Asia; and the top of the line Siemens Skyra 3T Magnetic Resonance Imaging (MRI) modality.

Conveniently located on the first floor of the hospital, the centre will be helmed by nuclear medicine specialist, Dr Andrew Tan. “Nuclear imaging is an evolution in imaging science, allowing doctors to visualise diseases at a molecular level, which means earlier detection, treatment and hopefully better outcomes,” explained Dr Tan.

Moving beyond the clinical aspect, with a practice that adopts the latest in clinical practices and having seamless operational integration with the specialist centres in the hospital, the centre conceptualisation and operations are designed to provide patients with a personalised and boutique healthcare experience. In addition, **RafflesNuclearMedicineCentre** will offer diagnostic clinic services, whereby the patient can meet the nuclear physician directly after imaging is performed, to have a personalised review and explanation of the scan findings.

Dr Tan noted: “We understand the stresses and uncertainties that patients may encounter. Based on patient feedback and experience in several United States centres, this is an innovative value-added service provided to patients, to allow better understanding of their condition, to give an opportunity to discuss and clarify the findings, and lends a personalised touch to the often sterile field of medical imaging.”

Commenting on the new set-up, Dr Prem Kumar Nair, General Manager of **RafflesHospital**, said: “The establishment of the new facility will enhance patient care and promote new advances in the science and application of nuclear medicine. With improved imaging quality,

patients will get speedy and reliable diagnosis. We aim to roll out more services progressively following the launch. The Centre will increase the capabilities of **RafflesHospital**, and facilitate the threshold of nuclear technology in the hospital.”

For a media tour of the facility or for media queries, please contact:

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RafflesMedicalGroup (SGX: RafflesMG) is a leading integrated private healthcare provider in Singapore and the region.

RafflesMedical clinics form one of the largest network of private family medicine centres in Singapore. We also operate a clinic network in Hong Kong and a medical centre in Shanghai.

RafflesHospital, the flagship of Raffles Medical Group, is a private tertiary hospital located in the heart of Singapore. We offer a wide range of specialist medical and diagnostic services for both inpatients and outpatients. Representing more than 30 disciplines, our team of specialists constitutes a group practice combining sub-specialty expertise and teamwork to ensure optimal, affordable and high quality care for our patients. We also have representative offices in Indonesia, Vietnam, Cambodia, Brunei, Bangladesh and the Russian Far East, as well as associates throughout the Asia-Pacific region.

RafflesDental is a team-based dental group in Singapore comprising of a specialist dental practice at Raffles Hospital and a network of general dental clinics.

RafflesHealthinsurance provides healthcare insurance to corporate and individual clients.

For more information, please refer to our website at www.rafflesmedicalgroup.com

RafflesNuclearMedicineCentre

FACT SHEET

About the Centre

The main strategic directives for **RafflesNuclearMedicineCentre** is based on:

- a) **Clinical collaborations**
To provide the support and tools for clinical practice.
- b) **Early adoption**
To adopt and develop emerging nuclear medicine technologies and techniques.
- c) **Research**
To develop research capabilities to both support and run pre-clinical and clinical research trials.

The department aims to provide an up-to-date, high quality, efficient Nuclear Medicine service where the patient needs come first. The patient is welcomed and made to feel safe and comfortable and is investigated / treated with the highest professional standards, respect and privacy. The department aims to comply with all relevant statutory regulations.

The services at **RafflesNuclearMedicineCentre** are designed to complement the strategic visions of the hospital and clinical need of the various specialty departments.

Services

- Fludeoxyglucose (FDG) PET Scan
- Non FDG PET Scan
- Sodium FFloride (NaF) Bone Scan
- 3T MRI Scanning

Operating Hours

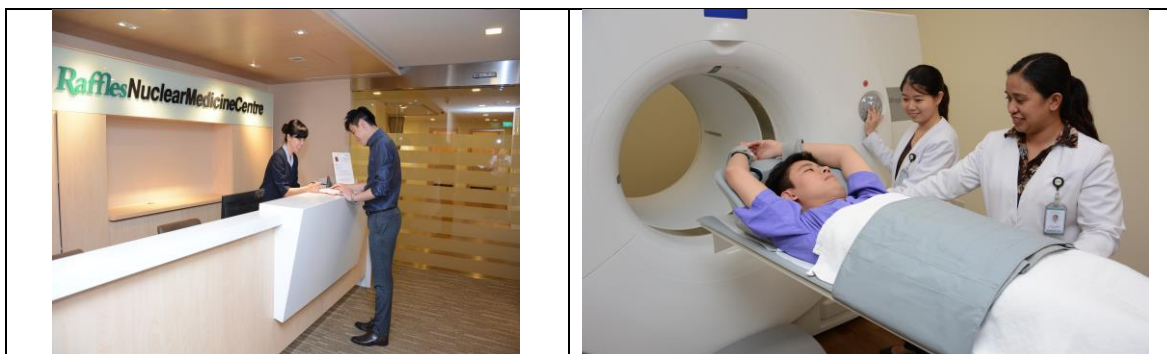
Mon – Fri: 8.30am to 5.30pm

Sat: 8.30am to 12.30pm

Closed on Sun

Appointment-making

Patients who are interested to book an appointment with our specialists at the centre may call us at 6311 1222 (24-hours hotline).



Specialist Profile



Dr Andrew Tan Eik Hock

MBBS (S'pore), FRCR (UK), Dip CCNC (USA), FAMS

Specialist in Nuclear Medicine and Consultant,

RafflesNuclearMedicineCentre

Dr Andrew Tan graduated with a Bachelor in Medicine and Surgery (MBBS) from the National University of Singapore, and received his post-graduate training in Diagnostic Radiology and Nuclear Medicine in Singapore. He is a fellow of the Royal College of Radiologist (United Kingdom), and has a postgraduate Diploma in Nuclear Cardiology (United States).

His clinical interests lie in cancer imaging and nuclear therapeutics, and he was part of the pioneering teams in developing several clinical services in Singapore, including Peptide Receptor Radionuclide Therapy (PRRT), Radioisotope Occult Lesion Localisation (ROLL) and Choline based Positron Emission Tomography (PET) imaging of prostate cancers.

He continues to be actively involved in medical education and administration, and is part of the postgraduate clinical faculty for radiology residents, currently serves as the vice-president of the Singapore Radiological Society, and sits on the standing committee of membership in the Singapore Academy of Medicine. In addition, he has a strong interest in research, and has to date more than 90 conference proceedings, academic publications and book chapters.

Biograph mCT Flow: FlowMotion, the end of stop and go

Powered by Siemens' revolutionary FlowMotion™ technology, Biograph mCT Flow™ is the world's first PET / CT system to eliminate the demand for stop-and-go imaging. Now with Biograph mCT Flow and FlowMotion, planning and scanning are based on continuous PET data acquisition with a single continuous motion of the patient table.

The new PET / CT combines the anatomic detail of a premium CT with precise metabolic information of PET to help improve individualised therapy planning and dose escalation, making cancer treatment more cost-effective.



The benefits of Biograph mCT Flow in radiation therapy:

- FlowMotion continuous PET acquisition achieves noise uniformity for 3D quantitative accuracy making bed overlap irrelevant.
- Finest volumetric PET resolution* of 87 mm³ and the industry's best image quality** with Hi-Rez 400x400 matrix reconstruction and OptisoHD detector technology to enhance tumour-boundary definition for sharp and accurate delineation of gross tumour volume.
- Comprehensive motion management capabilities with optimal amplitude-based respiratory gating (HD / Chest); as well as one-click phase-matched gating for PET and CT for precise targeting of tumours.
- Large 78cm wide bore accommodates imaging with RT positioning devices, such as a breast board angled to 20 degrees for RTP planning,** while allowing accessibility for patient positioning and monitoring of virtually all patients****

Find out more about the Biograph mCT Flow device: www.siemens.com/biograph-mct-flow

* Based on competitive literature available at time of publication. Data on file.

** Source: 2011 PET Image Quality Survey conducted in the US and Europe as a custom study by IMV, a neutral third-party market research company.

*** Based on breast board available from external sources with dimensions: 22"W x 35"L (17-1/2"W slant treatment platform). Data on file.

**** Patients up to 227 kg (500 lb).