

## **Sunway Medical Centre, Sunway City & Siemens Healthineers Launch Malaysia's First Photon-Counting CT Scanner**

*Pioneering the Next Generation of Diagnostic Imaging with Greater Precision, Safety and Comfort*

**SUNWAY CITY, 12 DECEMBER 2025:** Sunway Medical Centre, Sunway City (SMC), has achieved a milestone in Malaysian healthcare by introducing the **nation's first photon-counting CT scanner**. This next-generation technology elevates medical imaging to a new standard, offering ultra-high resolution across a wide range of clinical applications - from cardiology and neurology to oncology, musculoskeletal, paediatric and pulmonology cases — while delivering lower radiation exposure and enhancing diagnostic confidence.

This landmark deployment reaffirms SMC's position at the forefront of medical innovation in Malaysia and underscores its steadfast commitment to bringing world-class healthcare to Malaysians through continuous investment in advanced diagnostic solutions.

### **Redefining Diagnostic Precision and Patient Safety**

Photon-counting CT is a significant leap in how clinicians visualise and understand the human body. Photon-counting technology detects and measures individual photons, resulting in images that are sharper, clearer and more detailed.

With this system, clinicians can discern subtle tissue variations, identify micro-lesions and evaluate organ structures with exceptional precision, all while reducing the radiation dose delivered. The outcome: safer, faster, and more comfortable scans for all patients, including children, older adults and those needing multiple examinations.

### **Empowering Care Through Innovation**

Dato' Lau Beng Long, President of Sunway Healthcare Group, noted: "At Sunway Healthcare Group, we are guided by one mission: to deliver the highest standard of care through innovation and excellence. By introducing Malaysia's first photon-counting CT, we are empowering our clinicians with an advanced diagnostic tool that enhances precision, supports confident clinical decision-making, and improves patient comfort. This milestone reflects our continued commitment to elevate healthcare standards and provide world-class care to every patient."

### **A Strategic Partnership Elevating Global Standards**

The system, developed by Siemens Healthineers, represents decades of research in photon-counting detector technology. Ms. Siow Ai Li, Managing Director of Siemens Healthineers Malaysia, said: "Photon-counting CT is a breakthrough that transforms diagnostic imaging worldwide. We are proud to collaborate with Sunway Medical Centre to bring this technology to Malaysia. Together, we are unlocking new frontiers in precision diagnostics that will help clinicians make faster and more confident treatment decisions."

With advanced spectral imaging and AI-enabled support tools such as myExam Companion and GO Technologies, the system delivers consistent high-quality results across every scan. Dr. Adam Pany bin Abdullah, Senior Consultant Interventional Radiologist at SMC, added: "Photon-counting CT fundamentally changes what we can see and how we care for patients. Its ultra-high resolution allows us to detect small lesions and subtle changes clearly. Faster scans at lower doses mean safer, more comfortable exams, even for children and the elderly. For clinicians, it improves workflow and diagnostic confidence."

### **Reinforcing a Legacy of Excellence**

As Malaysia's largest private quaternary hospital, Sunway Medical Centre, Sunway City has been named Malaysia's top hospital and debuted among the world's top 350 in Newsweek's World's Best Smart Hospitals 2026. It was also recognised as Malaysia's No. 1 hospital in 2025 and ranked among the World's Top 250 Hospitals in 2024 and 2025 by Newsweek. With the introduction of photon-counting CT, the hospital further strengthens its leadership role in the region, offering patients and clinicians access to safer, world-class diagnostics and personalised care.

### **Disclaimers:**

The statements by Siemens Healthineers' customers described herein are based on results that were achieved in the customer's unique setting. Because there is no "typical" hospital or laboratory and many variables exist (e.g., hospital size, samples mix, case mix, level of IT and/or automation adoption) there can be no guarantee that other customers will achieve the same results.

### **About Sunway Medical Centre, Sunway City**

Sunway Medical Centre, Sunway City (SMC) is Malaysia's largest private quaternary hospital with 848 licensed beds, offering comprehensive range of medical services, which include state-of-the-art facilities and advanced medical technologies for outpatient and inpatient speciality care, health and wellness programmes and 24-hour emergency services, including Malaysia's first dedicated Children's Emergency in the private hospital. These are supported by a strong system comprising over 3,800 healthcare and hospitality professionals.

Anchored by a commitment to quality improvement, patient safety, and patient satisfaction, SMC continuously enhances clinical standards and service delivery. It has established centres of excellence across key specialties such as Oncology, Women and Children, Neuroscience, Heart and Lung, Bone and Joint, Robotic Surgery & MIS, and Digestive Health. Its areas of expertise also include kidney, bone marrow, and cornea transplants; cochlear implants, as well as cell-based and gene-based therapies.

As the flagship hospital of Sunway Healthcare Group (SHG), SMC upholds internationally recognised standards of care and governance. It is accredited by the Joint Commission International (JCI) from the United States of America, the Australian Council on Healthcare Standards (ACHS) International, and the Malaysian Society for Quality in Health (MSQH). It has been ranked among the *World's Best Hospitals* (Top 250) in 2024 and 2025, *Asia's Top Private Hospitals 2025*, and *World's Best Smart Hospitals 2026* by Newsweek & Statista.

SHG was recently recognised as Company of the Year (Healthcare) for Community Care and Sustainability at the 2024 Sustainability & CSR Malaysia Awards, underscoring its commitment to excellence, sustainability and community welfare.

To meet the nation's evolving healthcare needs, SMC is poised to set new standards of service with an exciting growth to over 1,100 hospital beds.

### **About Siemens Healthineers**

Siemens Healthineers pioneers breakthroughs in healthcare. For everyone. Everywhere. Sustainably. The company is a global provider of healthcare equipment, solutions and services, with activities in more than 180 countries and direct representation in more than 70. The group comprises Siemens Healthineers AG, listed as SHL in Frankfurt, Germany, and its subsidiaries. As a leading medical technology company, Siemens Healthineers is committed to improving access to healthcare for underserved communities worldwide and is striving to overcome the most threatening diseases. The company is principally active in the areas of imaging, diagnostics, cancer care and minimally invasive therapies, augmented by digital technology and artificial intelligence. In fiscal 2025, which ended on September 30, 2025, Siemens Healthineers had approximately 74,000 employees worldwide and generated revenue of around €23.4 billion. Further information is available at [www.siemens-healthineers.com](http://www.siemens-healthineers.com).

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