



養和醫院

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HKSH Launches Service of the Asia's First Dual Source CT Scanner

(23 October 2006, Hong Kong) The Hong Kong Sanatorium & Hospital (HKSH) launched today the service of Dual Source CT Scanner. The state-of-the-art Dual Source CT is the first of its kind in Asia.

Since the Dual Source CT uses two X-ray sources and two detectors simultaneously, coronary angiogram becomes heart-rate-independent. In the past, patients with high heart rates need to have betablockers in order to lower the heart rates before imaging. Today, the Dual Source CT can examine patients with high heart rates and without compromises of betablockers.

Another key benefit of the Dual Source CT is that patients can enjoy the lowest possible radiation exposure. The adaptive ECG-controlled dose modulation of the Dual Source CT can apply the dose necessary for excellent cardiac imaging in less than half the time compared to today's most dose-efficient, single source CT scanners.

In addition, the Dual Source CT offers one-stop diagnosis in acute care. Thanks to the 78 cm gantry bore of the Dual Scan CT, it allows 200 cm scan range. Together with full image quality at full speed with up to 160 kW power, it can examine obese patients, unstable patients and uncooperative patients. In summary, the Dual Source CT benefits cardiology, oncology, neurology as well as intensive care that it provides fast and accurate imaging with excellent image quality.

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