



Siemens Introduces New SPECT System



Siemens Healthcare has introduced the Symbia Evo Excel SPECT system at the 27th Congress of the European Association of Nuclear Medicine (EANM). Symbia Evo Excel combines industry-leading SPECT image resolution and detector sensitivity, and is designed to fit into almost any existing nuclear medicine exam room. With a high-capacity patient bed, larger bore size compared to previous systems and highly flexible detectors, the system is optimised for obese or critically ill patients.

With a room size requirement up to 29 percent smaller than for conventional systems in its class, Symbia Evo Excel fits in a room as small as 3.60 m (11 ft 8 in) x 4.57 m (15 ft). The system improves patient comfort with a 30 percent larger bore [102 cm (40.2 in)], compared to its predecessor, and a high-capacity patient bed that supports patients up to 227 kg (500 lbs). The bed also improves accessibility for patients with limited mobility with a convenient minimum access height of 53 cm (21 in). Additionally, the short tunnel length and maximum scan length of up to 200 cm (6 ft 7 in) improves patient comfort for claustrophobic and tall patients.

The detector heads easily rotate into numerous positions, including caudal/cephalic tilt, providing comprehensive imaging configurations for general purpose, cardiology, oncology and neurology studies.

"Symbia Evo Excel addresses the pressing demands of today's healthcare environment as a cost-effective modernization option for nuclear medicine departments looking to avoid renovation of existing infrastructure," said James Williams, CEO, Siemens Healthcare, Molecular Imaging. Symbia Evo Excel is a multi-purpose, versatile SPECT system for hospitals and outpatient centers with general nuclear medicine imaging demands. It can also be upgraded as needs and budgets evolve over time.

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