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Varian ProBeam Compact will aid cancer centres

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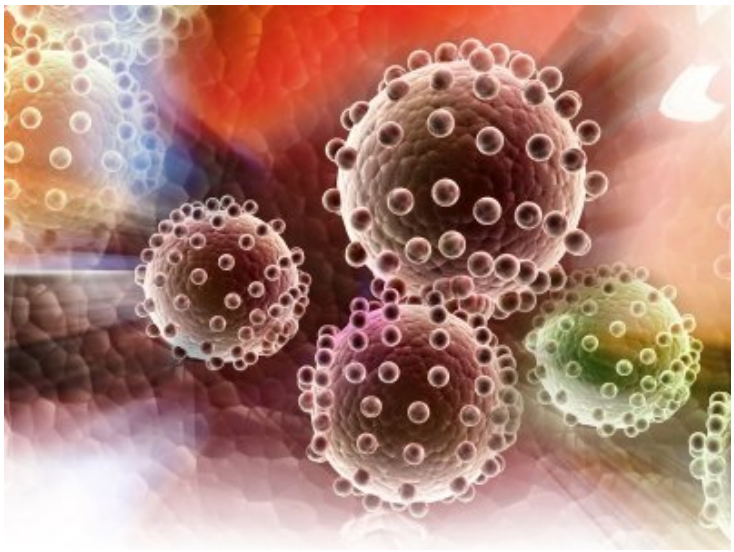

Singapore: Global radiotherapy equipment provider, Varian Medical Systems, has launched ProBeam Compact proton therapy system for cancer centers.

"This compact system offers the full functionality of the most advanced proton systems in roughly half the space needed for typical multi-room installations," said Mr Jan Timmer, senior manager-product marketing, Varian's Particle Therapy division. "For its size, ProBeam Compact is the most cost-efficient proton system available, and it offers both high patient throughout as well as a full package of integrated image guidance and motion management tools."

A ProBeam Compact installation includes a space-efficient cyclotron, Varian's unique Dynamic Peak scanning technology for intensity-modulated proton therapy (IMPT), a fully rotational gantry, robotic patient positioning tools, and a comprehensive suite of motion management tools. It incorporates an integrated 2D and 3D imager for real-time image guidance, as well as the option of planning and managing treatments using Varian's world class Eclipse and ARIA software systems.

The system is operated using the interface Varian developed for its industry leading TrueBeam platform, offering users a streamlined treatment console that consolidates controls for imaging, treatment, and motion management in one graphical, user-friendly interface. Operators who use Varian technology to plan and deliver conventional radiotherapy, will have an easy time ramping up to use the ProBeam system because they can leverage their prior experience with other Varian systems.

"We are proud to offer all of the clinical capabilities and workflow efficiencies of the ProBeam system within a smaller footprint requiring less upfront investment," said Dr Moataz Karmalawy, general manager of Varian's Particle Therapy division.

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