

## **Philips releases new software for faster, more accurate delivery of cancer treatments.**

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Royal Philips Electronics (NYSE: PHG, AEX: PHI) announced today a new software release for the Pinnacle3 Radiation Therapy System and a new planning workstation. The Pinnacle Pro SunBlade 2000? workstation, provided with P3IMRT version 1.2b, will enable physicians to plan Intensity Modulated Radiation Therapy (IMRT) for cancer patients more accurately, allowing for faster and more efficient delivery of treatments.

IMRT is a noninvasive procedure that allows for the pinpoint delivery of radiation therapy to the patient by using a computer system to change the intensity of radiation beams to create a clinically optimized treatment plan – one that maximizes dose to the tumor while sparing the normal tissues.

"Philips' integrated line of radiation oncology products draws on more than 25 years of clinical and technological expertise combined with the resources of Royal Philips Electronics to offer clinicians complete oncology solutions," said Ian Farmer, general manager, Philips Radiation Oncology Systems, Philips Medical Systems. "Our new workstation arms oncologist's, dosimetrists, physicists, and administrators with the tools to elevate the level of clinical excellence provided to patients."

P3IMRT, in combination with the new Sun Blade workstations brings a new level of performance to IMRT treatment planning. The Sun Blade is the industry's first 1-GHz 64-bit workstation, providing leading-edge computing performance and high-end 3D visualization. It uses a Superscalar, 64-bit, high-performance UltraSPARC III Cu CPU. Also included is the Solaris? 8 operating system, designed for multiprocessing and 64-bit computing. This new operating system scales to handle evolving security requirements as well as heavy network traffic, huge data sets, and compute-intensive problems.

Using the Sun Blade with P3IMRT, clinicians will be able to optimize most plans, including 9-beam head and neck treatments, in about 20 minutes. Current users will also see significant improvements in performance. The new software is compatible with all existing Pinnacle3 IMRT planning systems.

"There has been an exceptionally high demand for our IMRT product. The number of cancer centers that are implementing P3IMRT in the clinic has grown rapidly to more than 300 sites worldwide," said Harry Tschopik, director of global marketing, Philips Radiation Oncology Systems, Philips Medical Systems. "It is significant that our product offers full connectivity to R&V systems and accelerators from all major vendors, including Varian, Elekta, Siemens, Mitsubishi and IMPAC."

The PROS IMRT planning software was developed in partnership with **RaySearch Laboratories AB**, Stockholm, Sweden.

Along with P3IMRT, Philips Radiation Oncology Systems offers other best-in-class solutions for oncology including AcQSimCT (the only oncology-dedicated 85 cm bore

CT), AcQSim (the leading CT Simulation workstation), and Pinnacle3 (the only fully-integrated workstation with CT Simulation, 3D planning and IMRT).

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