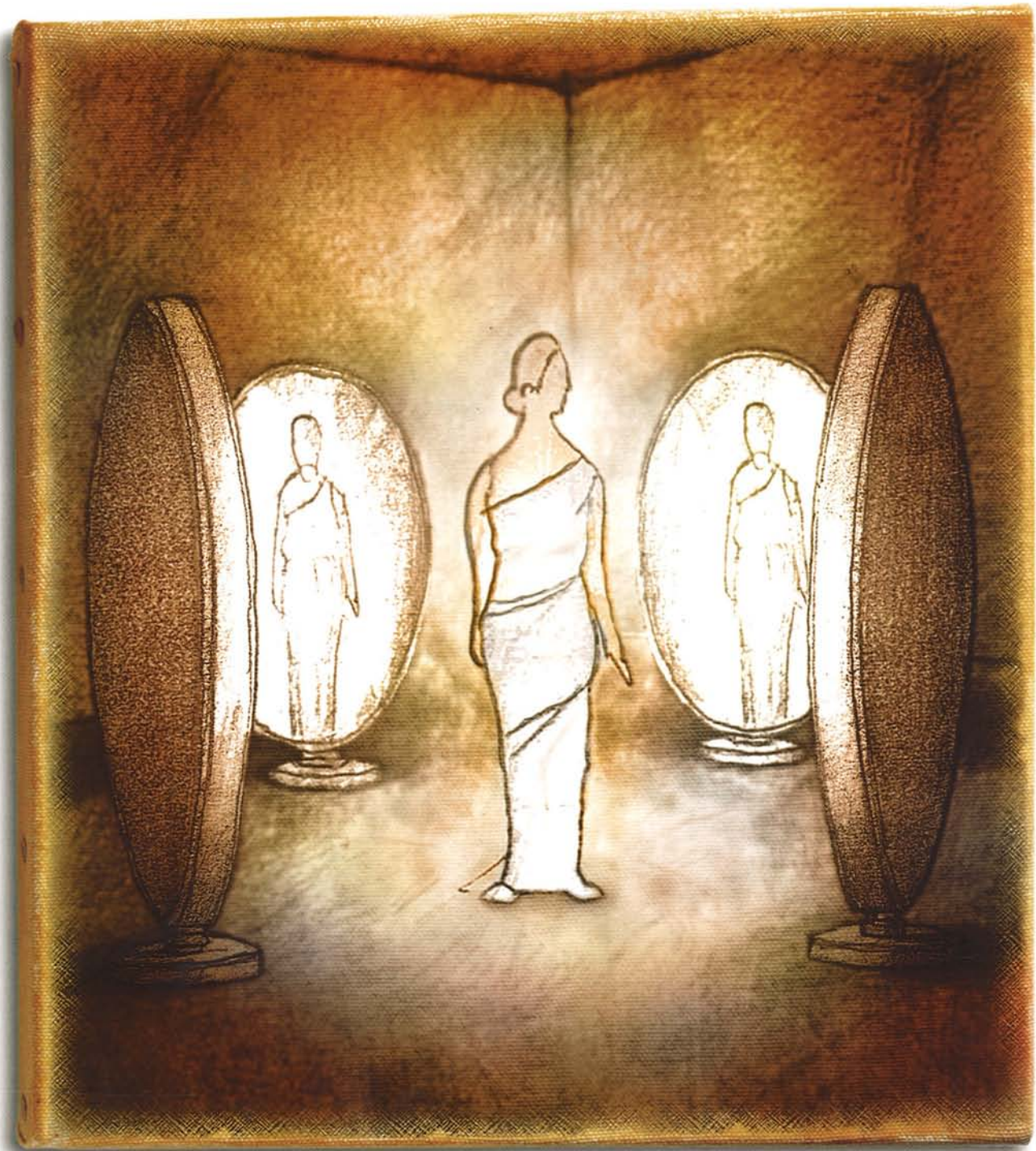


SIEMENS

Improving Simulation And Treatment—
And The Lives They Touch.

SIMVIEW NT Simulator



Today's radiation treatment techniques are more advanced—and more effective—than ever. Along with these medical technology breakthroughs, Siemens presents a revolutionary new way for you to take advantage of them.

Introducing the SIMVIEW NT Radiation Therapy Simulator

This oncology simulator lets you set up, plan, and simulate radiation therapy treatments that deliver the precise dose distribution for the exacting needs of each patient. But the SIMVIEW NT™ Simulator delivers more than predictable, verifiable results. It gives you an easy-to-use interface. It provides your patients with a safe, ergonomic environment. It makes patient throughput more efficient. And it features the best image quality in the industry. When you add it all up, the SIMVIEW NT Simulator offers you the most advanced way to improve the quality of treatment. After all, your patients deserve nothing less than your best.



The Ease of Windows NT and More

The SIMVIEW NT Simulator operates on the popular Windows NT® operating system, which features an intuitive graphical user interface. Since Windows NT is a widely used operating system for multitasking, you can easily—and seamlessly—move from one application to another. With your busy workday and heavy workload, this gives you a real timesaving advantage over any other simulator. The remote console on the SIMVIEW NT Simulator is easy to use as well, and has an integrated control panel for gantry, collimator, image intensifier, table, and x-ray generator. You can even control all motions and lights,

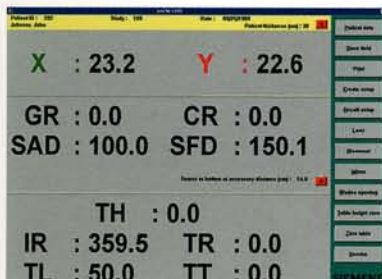


and digitally program all mechanical parameters, using its touch screen hand pendant.

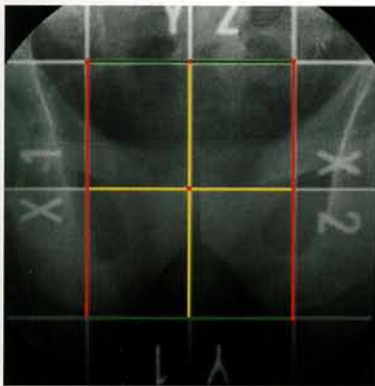
Convenience and Safety Everyone Will Appreciate

Among the many thoughtful features of the SIMVIEW NT Simulator is a fully functional, carbon-fiber patient table that can simulate all of your treatment techniques. It raises and lowers automatically, for effortless patient loading or dismounting. The SIMVIEW NT Simulator is also compatible with—and easily adaptable to—non-Siemens delivery systems. For greater safety, a built-in Active Collision Warning System prevents even large patients from colliding with the gantry or the image intensifier. And the SIMVIEW NT Simulator keeps you and your staff safe as well, since it has a state-of-the-art collimator that can track to the position of the image intensifier, which prevents exposure outside the field of view.

intuitive efficient



SIMVIEW NT Parameter Display and Functions Menu.



Digital Simulation with IDI.

Maximize Resources— and Improve Workflow

To make your patient throughput even more efficient, the SIMVIEW NT Simulator integrates the patient data network and the image network.

Patient demographics and parameter settings can be easily captured by the LANTIS® Oncology Management System from Siemens. Digital x-ray and CT image files can be delivered to the LANTIS image receptacle, the IMAGE^{RT}™ software module. Of course, the SIMVIEW NT Simulator comes with its own comprehensive image and patient database that does not require LANTIS. You can even define, store, and recall up to 200 technique-specific setups from the SIMVIEW NT Simulator database.

Unsurpassed Image Quality and Mechanical Accuracy

The SIMVIEW NT Simulator uses the same high-end x-ray components as Siemens diagnostic equipment, which has a world-renowned reputation for imaging quality. It delivers a sharp, clear illustration of the target and surrounding anatomy. Mechanical accuracy is outstanding as well: a sphere of 0.5 mm radius defines isocenter for all gantry angles, and all mechanical parameters are good to 0.1 cm or 0.1°. This level of mechanical accuracy is unsurpassed in the industry.

High-end Image Management for Precise Results

With the SIMVIEW NT Simulator, you'll find advanced tools for fast and accurate analysis of image data. For clarity, the light field includes color-coded and labeled delineators, and these labels also appear on radiographic and fluoroscopic images. System interlocks prevent fluoroscopy with a film cassette—and radiography without one. And sophisticated image management options are available:

- **IDI™ (Integrated Digital Imaging):** the acquisition, storage, and export of DICOM-compliant digital x-ray images.
- **CT Option:** the acquisition, storage, and export of DICOM-compliant computed tomography images.

Both options come with a comprehensive set of image function tools for defining treatment fields and critical anatomical structures.

precise safe

Want More Information?

Contact your local Siemens sales representative to see how the world's most advanced treatment simulator can make a world of difference to you—and your patients.

advanced

