

EXACTRAC UPGRADE

ExacTrac® 6.0 takes IGRT one step further, providing more features, more accuracy, and more speed.

MORE FEATURES

› CBCT Integration

Import CBCT datasets from your Record and Verify (R&V) system, fuse them to the pre-treatment CT to determine the shift and apply both translational and rotational corrections for full 6D patient positioning. Continuous infrared monitoring ensures that the patient maintains position throughout the course of treatment.

› DICOM RT Export

Export X-Ray images and pre- and post- registration DRRs in DICOM RT format to your R&V system for offline review of ExacTrac positioning results.

› Volume of Interest

Define both 2D regions and 3D volumes of interest to focus the fusion on the target region and warrant unambiguous shift determination.

MORE ACCURACY

› Calibration to Radiation Isocenter

Direct calibration to the radiation isocenter eliminates systematic errors and improves positioning precision. A new phantom provides a simple daily check of the system accuracy.

MORE SPEED

› Digital X-Ray Settings

The X-Ray settings defined for each patient are stored for consecutive treatments, eliminating the need to repeat manual entries for each individual image acquisition.

› Automatic Patient Plan Loading

The universal plan ID is utilized to automatically load the ExacTrac patient positioning data corresponding to the treatment plan loaded on the Linac console.

› Streamlined Application

The refined ExacTrac software provides a quicker, more streamlined workflow for therapists, improving daily routine.

› Remote Control of Robotics

All automatic movement for patient positioning, including robotics, can be executed from the treatment console, removing the need to enter the treatment room for rotational corrections.

› Dual X-Ray Generators

Dual generators allow for both X-Ray images to be taken with the click of a button, eliminating manual steps.

› Improved Snap Verification

X-Ray images can be taken at any time throughout the course of treatment. From dual snap images shifts are immediately calculated in all six dimensions of freedom.