

# PRECISERTX™ RETREATMENT OPTION

## MAKING RE-PLANNING MORE EFFICIENT

### A Workflow-Oriented Solution

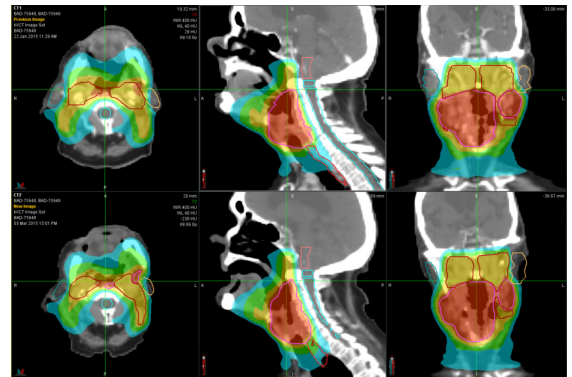
The Approximately 25 percent of patients will require retreatment with radiation therapy.\*

The PreciseRTX™ Retreatment Option from Accuray, developed in partnership with MIM™ Software, makes retreatment planning more efficient and effective. The software helps to accelerate and enhance the process of creating new treatment plans for patients who have received previous irradiation.

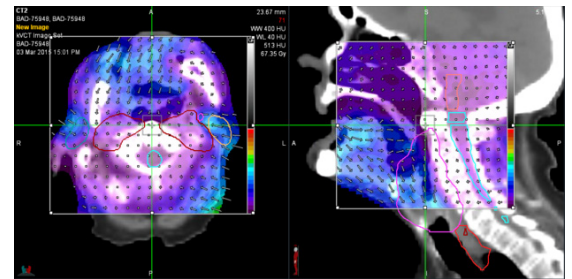
- Enables importation of patient’s plan data from both Accuray and non-Accuray systems
- Requires no transfer of data back and forth to third-party systems
- Automatically deforms original plan contours onto a new treatment planning CT
- Automatically deforms previously delivered dose onto a new planning CT
- Utilizes information from the original treatment when generating the retreatment plan
- Sums the original and new treatment plans to review the total dose

### Confidence in Precision

When treating recurrent disease, the ability to precisely irradiate the target while carefully avoiding healthy normal tissues is essential. Accuray treatment technologies enable clinicians to deliver highly precise radiation therapy which maximizes dose to targets while minimizing dose to surrounding healthy tissues.



**Head and Neck Retreatment**  
Original treatment plan contours and dose deformed onto the new treatment planning CT



**Deformable Image Registration QA**  
PreciseRTX provides tools to evaluate the deformable registration, including deformation vector field visualization and Reg Reveal from MIM™ Software

\*Barton, M. B., Allen, S., Delaney, G. P., Hudson, H. M., Hao, Z., Allison, R. W., & van der Linden, Y. M. (2016). Patterns of Retreatment by Radiotherapy. Clinical Oncology, 26(10).

**Important Safety Information:**

Most side effects of radiotherapy, including radiotherapy delivered with Accuray systems, are mild and temporary, often involving fatigue, nausea, and skin irritation. Side effects can be severe, however, leading to pain, alterations in normal body functions (for example, urinary or salivary function), deterioration of quality of life, permanent injury, and even death. Side effects can occur during or shortly after radiation treatment or in the months and years following radiation. The nature and severity of side effects depend on many factors, including the size and location of the treated tumor, the treatment technique (for example, the radiation dose), and the patient’s general medical condition, to name a few. For more details about the side effects of your radiation therapy, and to see if treatment with an Accuray product is right for you, ask your doctor. Accuray Incorporated as a medical device manufacturer cannot and does not recommend specific treatment approaches. Individual results may vary.

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