



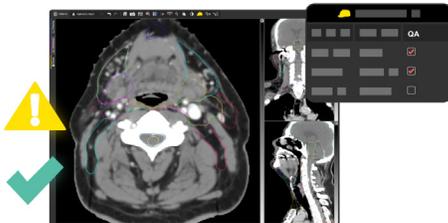
# Outdated Contouring Tools Compromise the Quality of Target Volumes

**IN TRADITIONAL SYSTEMS**, it takes significant time and effort to create high-quality target volumes.

The manual effort needed to create contours and ensure their quality costs you too much time in your planning process. This problem is magnified when treatments are complex.

## COMMON CHALLENGES

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### Images and Registrations Are Not Automatically Prepared for Efficient Contouring

- You can't view all images and registrations at the same time.
- You can't adjust layouts to suit your purpose.
- QA of deformable registrations is unreliable and inefficient.

### Contouring is Manual and Time-Consuming

- You can't contour on image registrations.
- Contouring tools are outdated and lead to suboptimal results.
- Tools for verifying contour quality are limited or unavailable.
- It's time-intensive to correct potential errors like missing slices, holes, stray voxels, and empty contours.

### Accuracy and Consistency Are Difficult to Maintain

- Your ability to use PET images to identify tumors is limited.
- Tumor volume contouring errors detected later in the planning process are costly.
- It's difficult to standardize complex clinical protocols.



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