AI Auto-Contouring as a Part of Your Therapy Planning Workflow

You can't afford to compromise efficiency or safety in your contouring process. Take control with Contour ProtégéAI®.
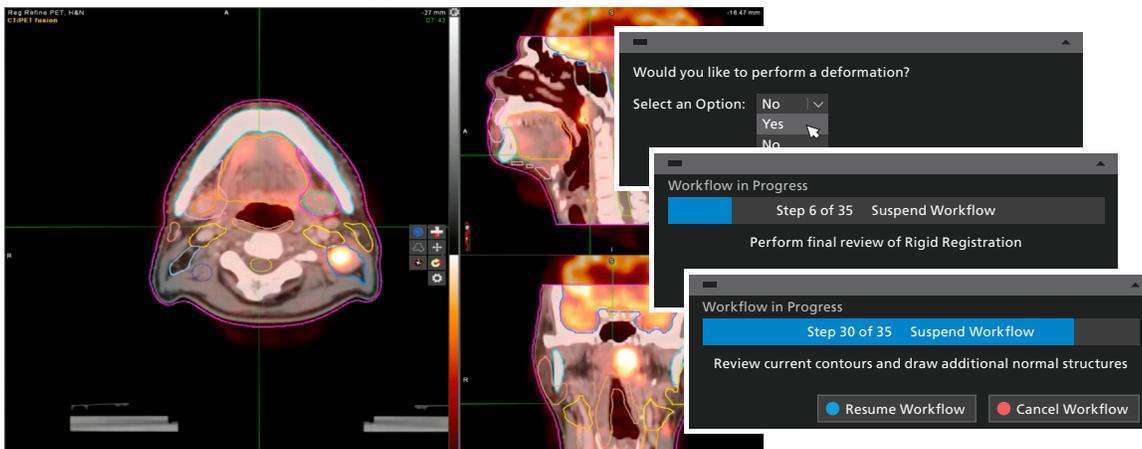
What makes Auto-Contouring in Contour ProtégéAI Worthwhile?

Effective AI auto-contouring should standardize the process, eliminate unnecessary steps, minimize errors, and improve plan quality. Despite what some skeptics say, healthcare automation isn't about removing human involvement entirely. Rather, powerful AI auto-contouring should focus the clinician's time and attention on key areas of the process where human intervention is necessary.

Not all AI auto-contouring is created equal.

By building in standardized checkpoints and prompts, Contour ProtégéAI enhances the dosimetrist's decision-making and improves overall efficiency. By cutting out extra clicks and manual steps, clinicians can free up time and cognitive resources to devote to the important decisions that require their expertise.

With Contour ProtégéAI, you can spend more time on decisions that impact treatment quality and less time on correcting contours or performing repetitive work. And with true zero-click AI auto-contouring, the cycle begins as soon as the patient is simulated.

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Our center found a 20% time saving on this process with ProtégéAI."

Brandon Mader
Chief Medical Physicist
St. Charles Health System; Bend, Oregon

Contour ProtégéAI

15 minutes = 10 hours
saved per patient   saved per month

Dosimetrists save 15 minutes on prostate OAR contouring tasks.

15 minutes = 6.5 hours
saved per patient   saved per month

Radiation oncologists save 15 minutes on prostate target volume contouring.

Contouring Time Savings*

The Austin Center for Radiation Oncology reported significant time savings with Contour ProtégéAI for prostate cases.

*based on average of 10 patients per week

No need to manually start the contouring process. No waiting. No need to manually import to the TPS.

It's an intelligent AI auto-contouring solution that enables efficient collaboration and seamless handoffs between the care team.

MIM Assistant® + Contour ProtégéAI = Seamless Startup

Workflow optimization begins before you even sit down to do your work. MIM Assistant has the capability to retrieve the most recent PET/CT from PACs without any manual intervention. Additionally, it can automatically register the PET/CT with your simulation image to create an initial fusion. Contour ProtégéAI can be set in the workflow to automatically run on incoming planning CTs.
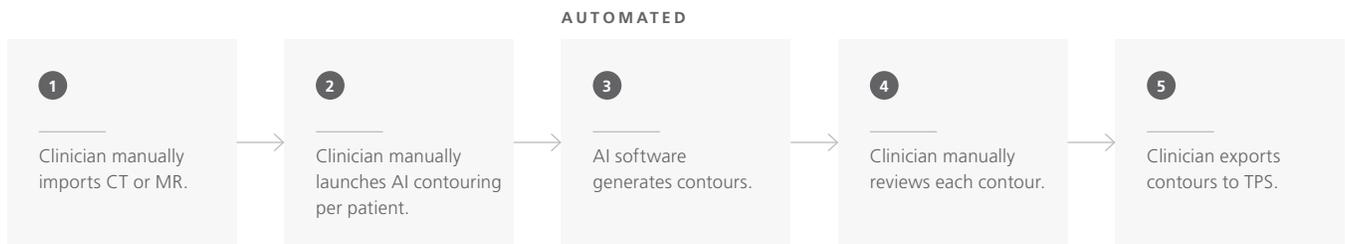
This process results in a saved session that can be opened immediately, with initial registration and auto-segmentation already completed. Upon opening this saved session, a standardized workflow will guide you through the remaining stages of the contouring process.

mim SOFTWARE

Other AI Contour Vendors

Contour ProtégéAI

AUTOMATED

1 Clinician manually imports CT or MR.

2 Clinician manually launches AI contouring per patient.

3 AI software generates contours.

4 Clinician manually reviews each contour.

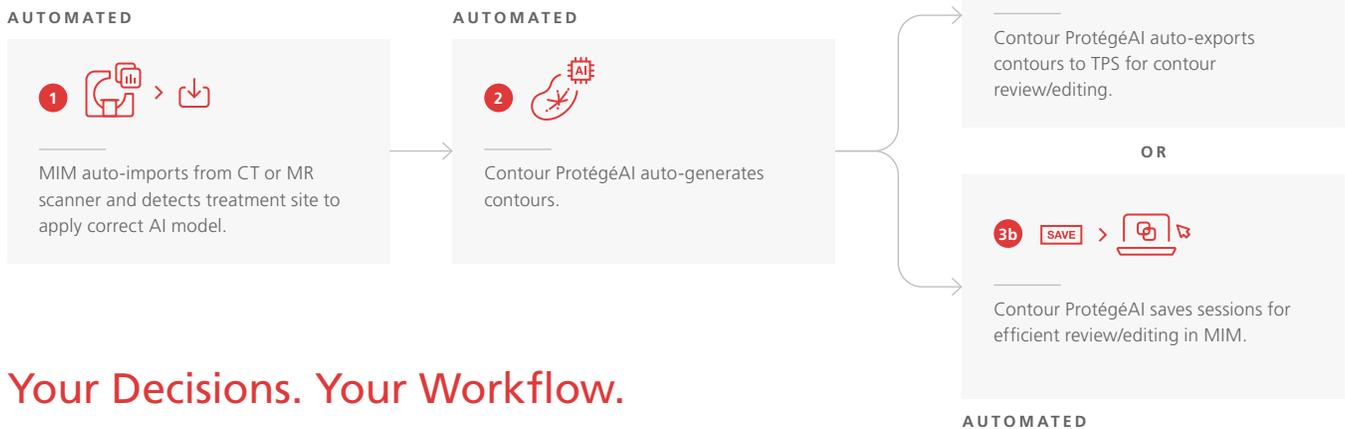**5** Clinician exports contours to TPS.

Contour ProtégéAI Contouring

Contour ProtégéAI starts automatically—a unique attribute other vendors can't offer.

AUTOMATED

1 MIM auto-imports from CT or MR scanner and detects treatment site to apply correct AI model.

AUTOMATED

2 Contour ProtégéAI auto-generates contours.

AUTOMATED

3a Contour ProtégéAI auto-exports contours to TPS for contour review/editing.

OR

3b SAVE Contour ProtégéAI saves sessions for efficient review/editing in MIM.

AUTOMATED

Your Decisions. Your Workflow.

Making the right pre-planning decisions for each patient will continue to be a cornerstone of good patient care, even in the automated world of AI auto-contouring. Contour ProtégéAI's advanced workflows were designed by clinicians and include intelligent, built-in decision tree processes.

You'll spend less time searching for functions, switching views, and directing steps and more time focusing on key areas where you need to intervene.

When it's time to handoff to the treating physician, you can save a session specifically for their target volume segmentation preferences. Contour ProtégéAI offers standardized packaging of registrations and contours, reducing confusion and increasing efficiency.