



Registration Challenges Limit Effective Planning

IMAGE REGISTRATIONS are the foundation for crucial clinical decisions that inform treatment plans.

Cumbersome tools and processes in the TPS force clinics to settle for fewer image registrations. This results in less information being used when creating and evaluating a patient's plan. The difficulty is amplified when treatments are especially complex.

COMMON CHALLENGES



It's Hard to Find and Import the Right Images

- Transferring images from PACS or outside clinics is time-consuming. You often have to wait for images to be physically sent by mail.
- You have to manually import images after they are sent by DICOM transfer. The process is often laborious.
- Not every image can be imported—for example, non-axial MRs and proprietary formats.

It's Difficult to Efficiently and Accurately Register Images

- You have to spend a lot of time manually adjusting rigid registrations.
- There are limitations to the number and modality of diagnostic images that you can register to a planning image.
- There is often only one deformable registration algorithm available, and it is not tailored to a specific use case or modality.
- QA on deformable registrations is unreliable and inefficient.

It's Often Impossible to Display Images in a Useful Way

- Multiple registered images can't be displayed on the same screen at the same time.
- Page layouts are difficult or impossible to adjust to your purpose.
- Customized page layouts can't be quickly recreated or recalled.



Simplify Image Registration with MIM Maestro®
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