

ProSoma

- 3D simulation software on a PC using CT, MR and PET
- Virtually simulate any technique for all models of treatment machine and MLC
- Move from the 2D to 3D world simply, quickly and powerfully

Flexibility, speed, simplicity and power

The most powerful virtual simulation software running on an off-the-shelf PC, modelling all techniques, machines and MLCs, able to communicate bi-directionally with all other available imaging and radiotherapy devices.

One system for contouring, 3D simulation, portal image review, image fusion, dose and plan review.

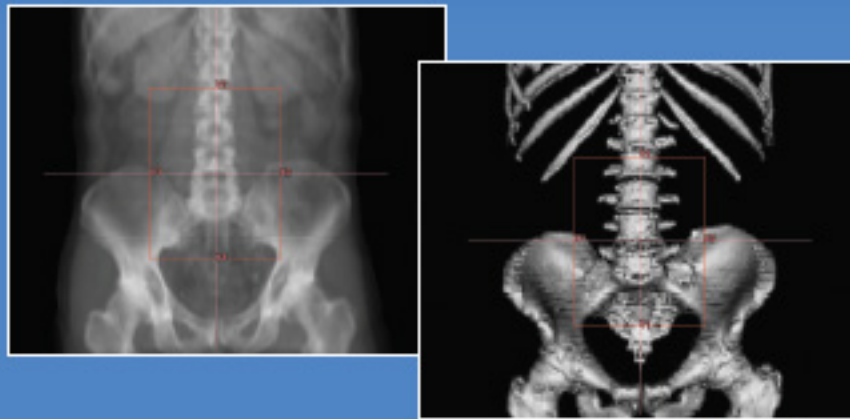


ProSoma runs on any standard Windows PC

ProSoma can perform clinical tasks not possible on other systems

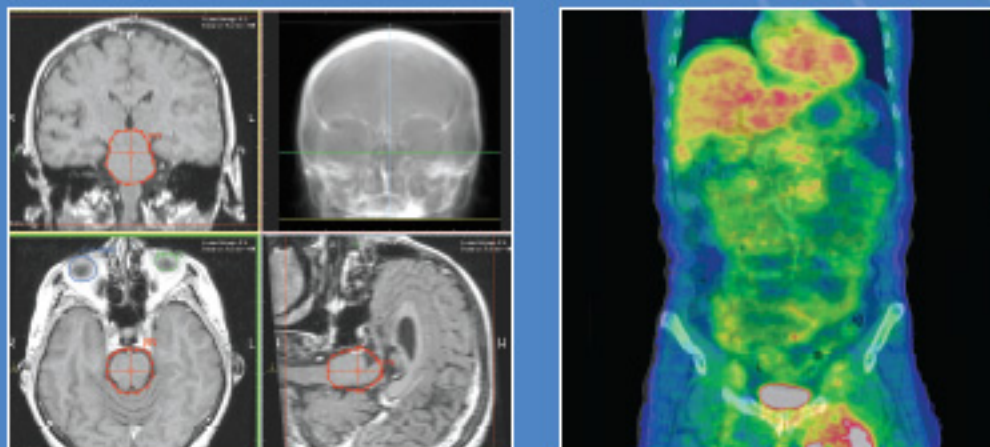
1 Simple and fast palliative planning

Show simulation of patient with bony metastases



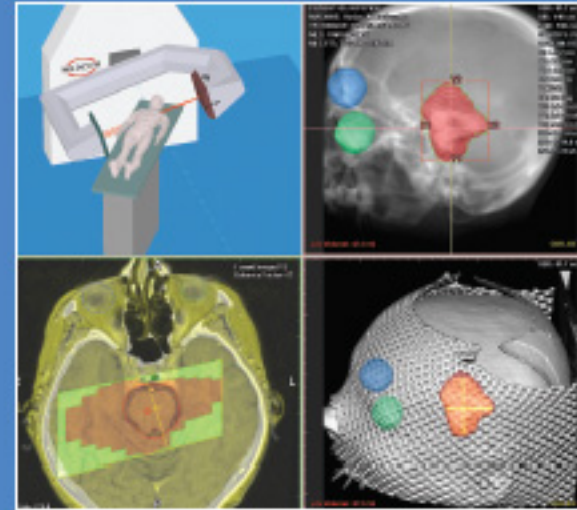
2 Image Fusion

From manual to fully automatic, ProSoma offers 5 modes of image registration for all clinical scenarios, multiple scans and fused images saved for future evaluation, CT:CT; CT:MR; CT:PET.



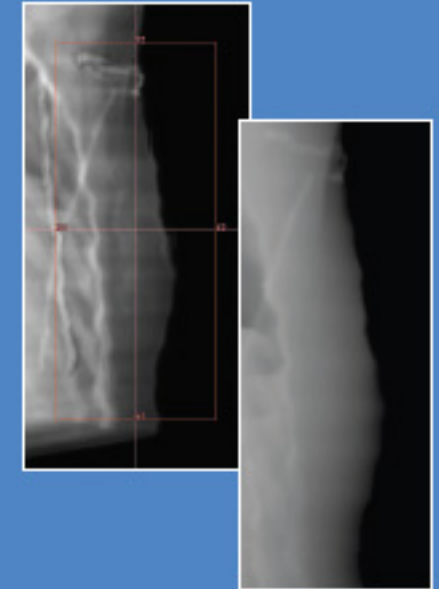
3 Contour and simulate in 3D and on fused images

Define contours in sagittal, coronal and axial planes.



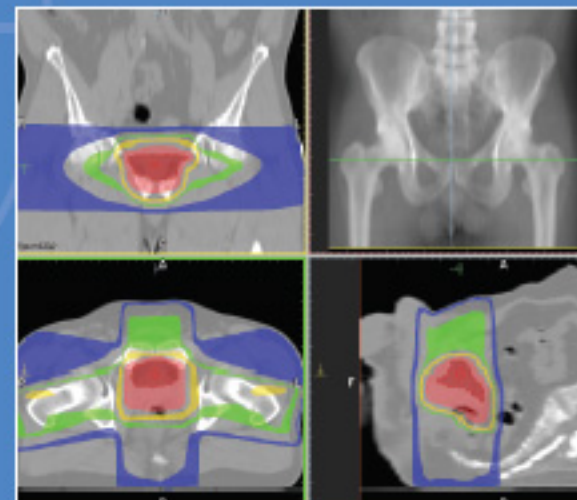
4 Import EPIDs for comparison with DRRs

Import portal images from EPID and fuse with DRRs for treatment verification.



5 Review dose

Import RT Dose file from TPS and visualise dose on CT or fused images.



6 Plan for IGRT

Fuse verification CTs from linac or CTsim with planning CTs, then overlay GTV-CTV-PTV for treatment verification and evaluation.

Fuse verification CTs with planning CTs, then overlay DOSE + structures for full evaluation.

