

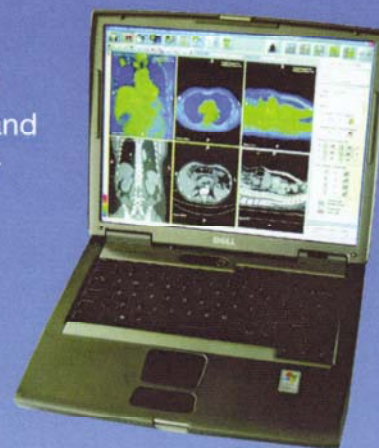
ProSoma

- 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.

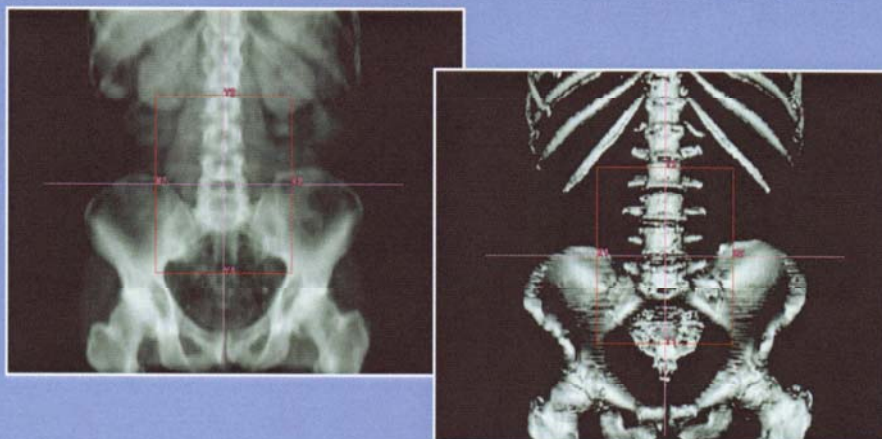
One system for contouring, 3D simulation, portal image review, image fusion, dose and plan review.



ProSoma
runs on any
standard
Windows® PC

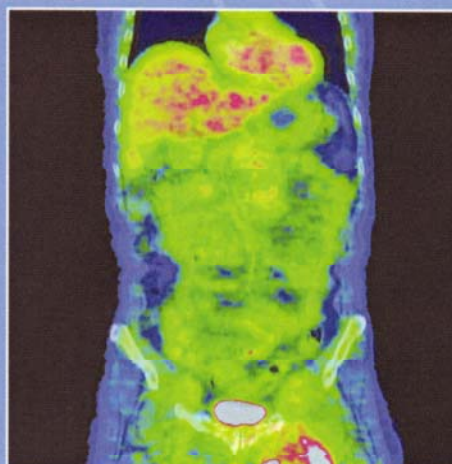
1 Simple and fast palliative planning

Show simulation of patient with bony metastases



2 Image Fusion

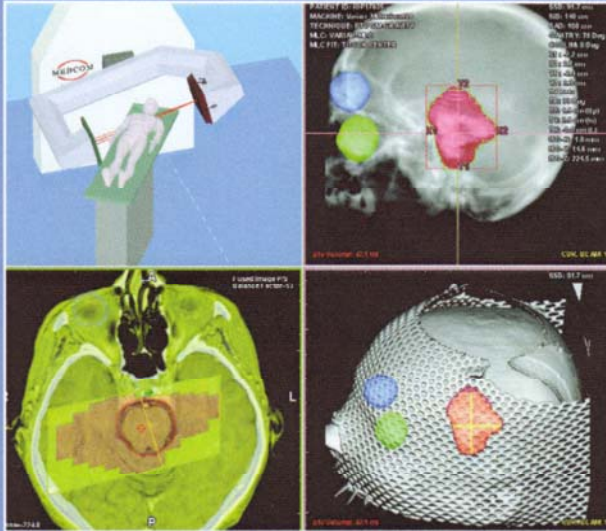
From manual to fully automatic, ProSoma offers 5 modes of image registration for all clinical scenarios, multiple scans and fused images saved for future evaluation, CT:CT; CT:MR; CT:PET.



*ProSoma
can perform clinical
tasks not possible
on other systems*

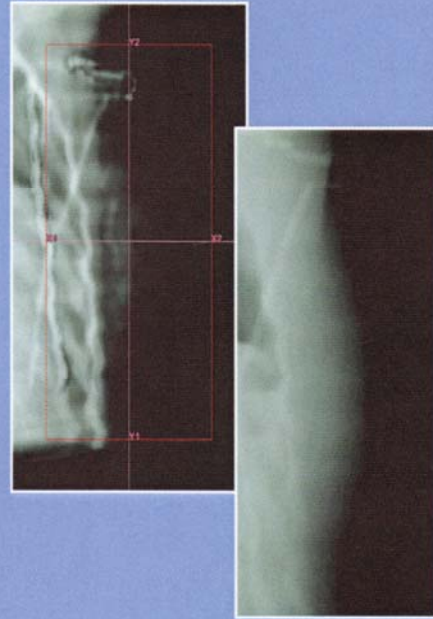
3 Contour and simulate in 3D and on fused images

Define contours in sagittal, coronal and axial planes.



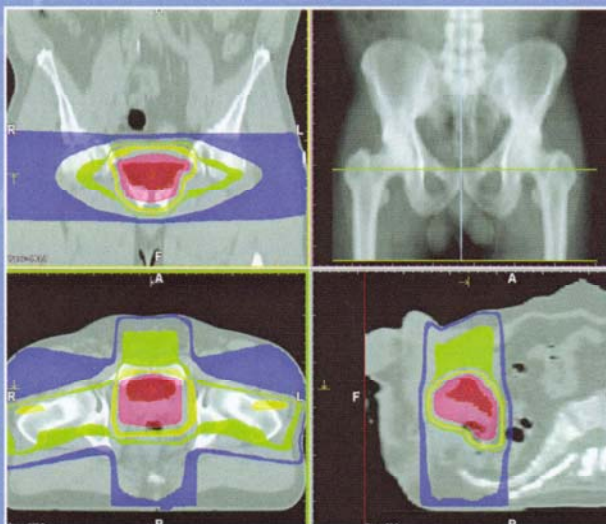
4 Import EPIs for comparison with DRRs

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



5 Review dose

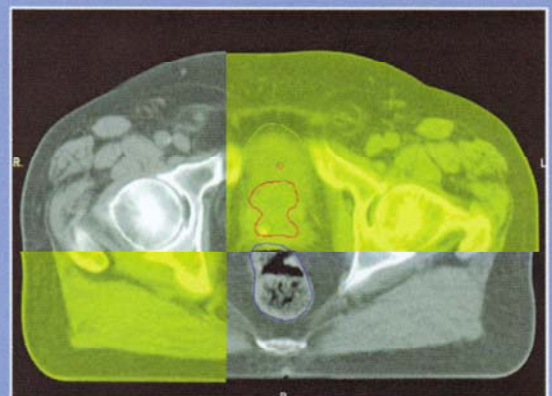
Import RT Dose file from TPS and visualise dose on CT or fused images.



6 Plan for IGRT

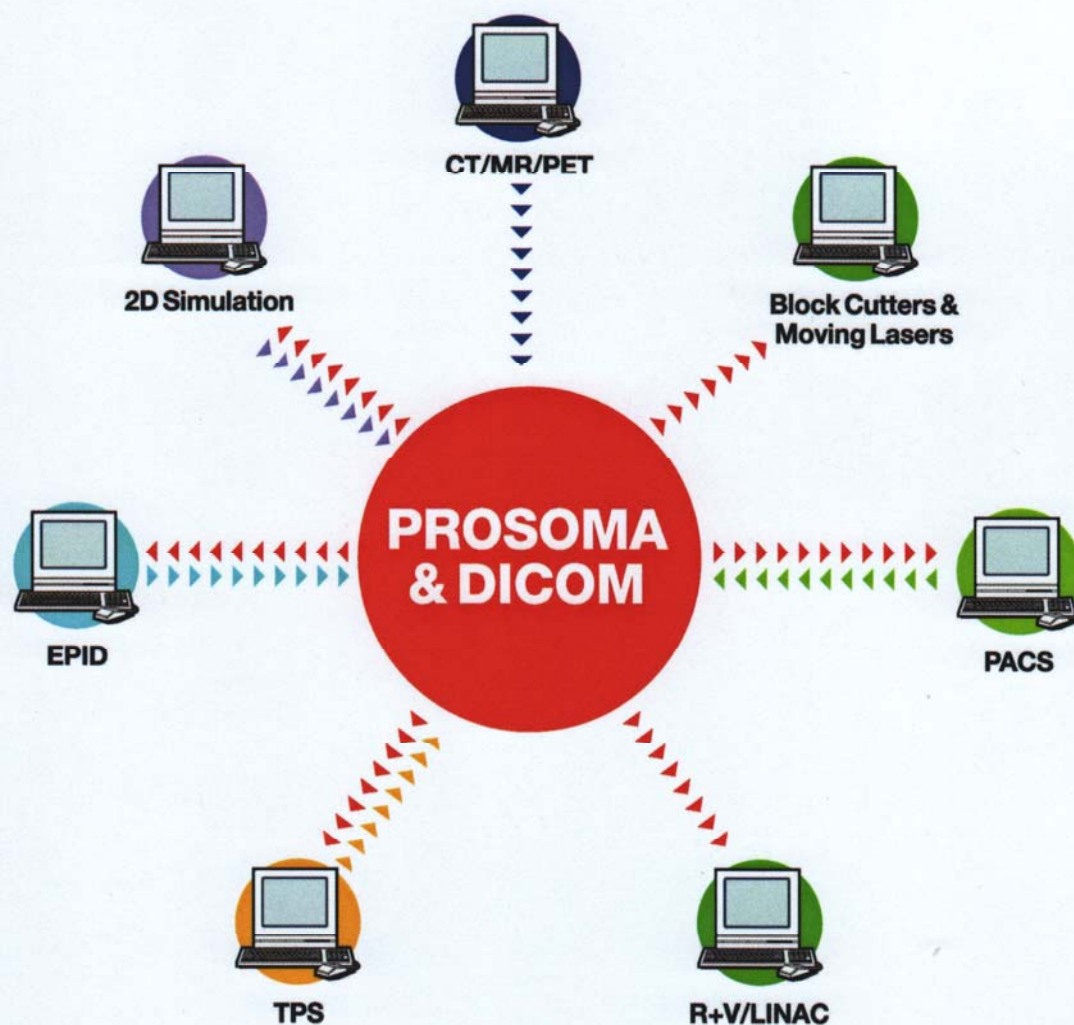
Fuse verification CTs from linac or CTSim with planning CTs, then overlay GTV-CTV-PTV for treatment verification and evaluation.

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



Working with other systems

- Connectivity with all makes of scanner, TPS, R&V, EPID and block cutter
- Bi-directional transfer of RT Structures and RT Plans with TPS
- Full modelling and characterisation of all makes of MLC
- Export of DRRs to all EPIDs
- Import of all DICOM EPIs and Sim images
- Import of DICOM RT Dose data
- DICOM Query-Retrieve
- Wide Area Networking & Tele-Medicine



Radiotherapy support

- Clinical and technical advice
- Pre-installation consultancy
- Installation and networking
- Maintenance and technical support
- Clinical on-site training & help-desk
- User meetings and mail server



More than 3D-Images.

MedCom

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