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Oncentra[®]
MBS

Turbocharge your contouring with
Model-Based Segmentation from Oncentra

Works in progress

888.00112.MKT [00]

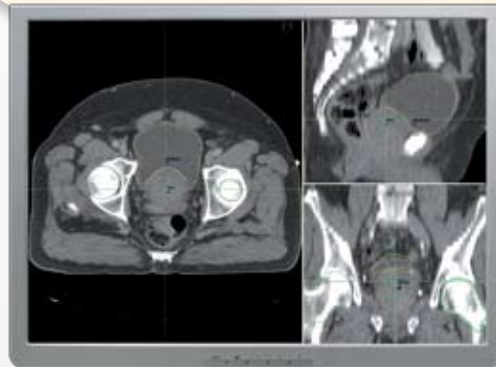


Accuracy in radiation therapy starts with precise target definition

The Oncentra® Dynamic Planning Environment - a modular, open system that adapts to change and innovates to improve your productivity and enhance patient care.

Oncentra MBS, a new plug-in for the Oncentra Environment, enhances the autocontouring capability of the system. Complementing a range of industry leading tools such as the Pearl tool and the Magic Wand, Oncentra MBS takes fast, effortless contouring one step further; utilizing organ and tumor models to precisely and consistently support target definition and OAR delineation.

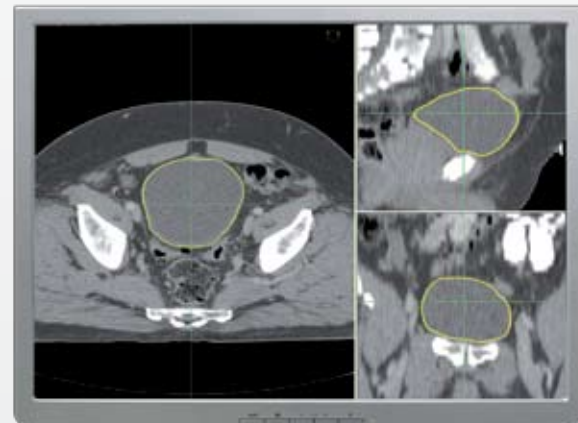
Oncentra MBS provides highly advanced organ delineation tools to support both brachytherapy and external beam planning. The result is consistent contours in dramatically reduced time.



True 3D contouring

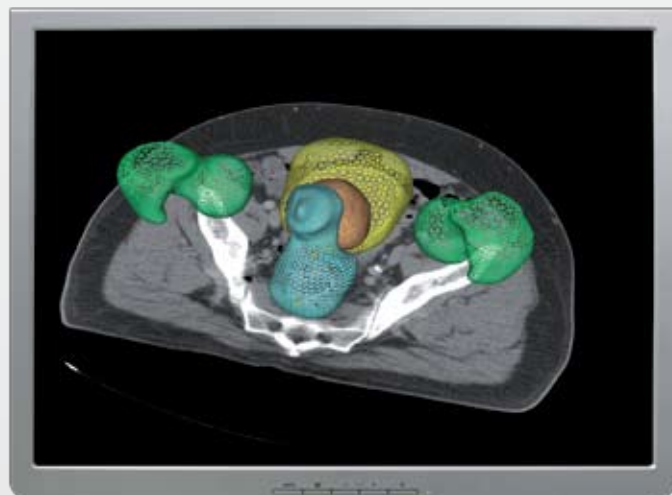
◀ Oncentra MBS provides full 3D interactivity and editing at any point in the segmentation process

Oncentra MBS facilitates mutual contour validation and assures segmentation consistency among multiple clinicians ▶



Automatic bladder contouring

◀ Oncentra MBS saves time compared to manual contouring



Volumetric visualization of organs



To learn more about Oncentra MBS, please visit www.nucletron.com

Why Oncentra® MBS?

Accurate

- Algorithm identifies surface of objects by detection of grey scale gradients in the images
- Interactive manual adjustments while the algorithm is iterating towards a solution

Consistent

- Consistent segmentation among multiple clinicians
- Modeling based on a library of organ contours and parameters

Fast

- Drag and Drop predefined organs from a library
- System builds a consistent structure set from knowledge of previously contoured structures
- Contouring time vastly reduced, especially with large image series
- Simultaneous contour creation and verification

Easy to Use

- PC Based
- Quick learning curve
- Organ libraries for selected and clinically validated body sites
- Interactive tools for manual adjustment

