



FDA Clears First Morphormics Autosegmentation Product

Chapel Hill, May 19, 2009 - Morphormics, Incorporated, an international leader in the development of computer-based technology for medical image analysis, announced today that the Food and Drug Administration has cleared its first product in the U.S. market as a component of Accuray's MultiPlan[®] Treatment Planning System*. Morphormics' MxStruct software segments anatomical structures for radiotherapy and radiosurgery treatment planning.

"MxStruct automatically draws initial boundaries around targets and surrounding critical structures, enabling faster and easier treatment planning for focusing radiation dose on the target and minimizing dose to nearby organs and bones," said Edward Chaney, PhD, co-founder of Morphormics and professor of Radiation Oncology and Biomedical Engineering at the University of North Carolina at Chapel Hill.

Morphormics (abbreviated Mx) technology rapidly creates 3D anatomical atlases by computer-based segmentation of anatomy from CT and other 3D medical images. These atlases are navigational aids that help physicians create treatment plans that aim radiation beams during high-tech image-guided procedures such as robotically controlled stereotactic radiosurgery.

THE PRODUCT - MxStruct

MxStruct, Morphormics' software product, segments anatomical structures for treatment planning. Segmentation is accomplished with a few simple key strokes. Users click on a few reference points on the surface of the anatomy of interest and then press a button to begin segmenting the structure. The resulting atlas is presented to the user in 2D and 3D renderings.

About Morphormics

Mx technology is derived from the UNC - Medical Image Display & Analysis Group (MIDAG) and Mx's own inventions and patents. The UNC technologies are patented by UNC and exclusively licensed to Mx. Learn more at www.Morphormics.com.

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** This integration is not currently available as part of the MultiPlan Treatment Planning System.*