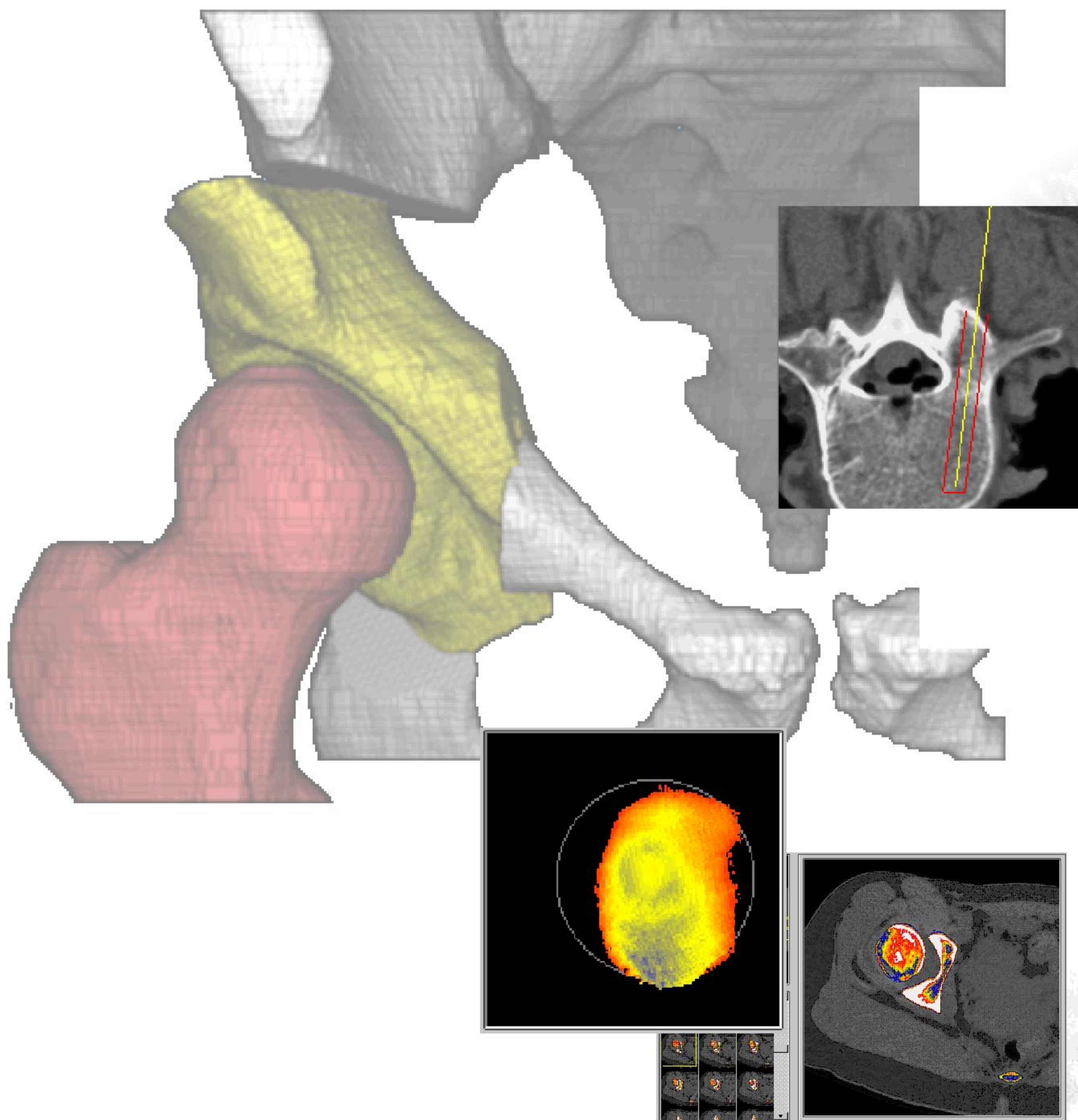


# DISOS

Desktop Image Processing,  
Surgical Planning & Simulation,  
Manufacturing of Individual Templates

for Orthopaedic Surgery

...and more...



- DICOM compatibility
- RADLOOK Teleradiology interface
- automatic 3D-reconstruction
- 3D visualisation & documentation
- 3D interactive surgical planning & simulation with modules for knee, hip and spine surgery
- automatic generation of physical rapid-prototyping models
- desktop manufacturing of customized tool guides („individual templates“)
- automatic FEM mesh generation
- 3D-3D data registration and data fusion
- optional stereoscopic 3D-visualisation
- 3D-navigation with interfaces for different localiser systems
- an integral part of our CRIGOS system concept including fluoroscopic navigation and optional robotic systems

"... a good practical example of the applicability of IGOS (... Image Guided Orthopaedic Surgery...) techniques to operative surgery"

For further information concerning research and development co-operation and on products already available please contact:



Helmholtz-Institute for BME at the Aachen University of Technology  
Pauwelsstrasse 20, D-52074 Aachen, Germany  
Tel.: +49 (0) 241 . 0 7626 - FAX: +49 - (0) 241 8888 442  
e-mail: radermacher@hia.rwth-aachen.de



SurgiTAIX AG  
Pauwelsstraße 19, D-52074 Aachen  
Tel.: +49 (0)241 8793033 - Fax: +49 (0)241 8793033  
E-mail: info@surgitaix.com  
<http://www.surgitaix.com>