

Liver Surgery

Sectra Advanced Visualization Package

Fully integrated with Sectra PACS

Fully integrated with Sectra PACS, the Liver Surgery application provides efficient clinical support for patient management and treatment planning.

The application is part of a broad portfolio of advanced visualization applications featuring specific oncology workflow tools to keep pace with rapidly growing diagnostic needs.

The Liver Surgery application

Sectra's liver surgery planning application facilitates segmentation, measurements and visualization of important and relevant information such as the entire hepatic vascular systems, including portal and hepatic veins, healthy parenchyma and lesions.



The volume of each target can be measured with high precision and if needed, displayed in 3D. For efficient planning of partial liver resection and pre-planning of RF ablation, cutting plane on the 3D view or portal vein and hepatic vein vascular territories calculation can be performed. The result can easily be saved as a 3D pdf, facilitating communication with referring physicians.

Key features

- » Easy segmentation of the healthy liver tissues, lesion, artery, portal and hepatic veins
- » Cutting plane and vascular territories calculation for efficient partial liver resection and pre-planning of RF ablation
- » Interactive tools for manual segmentation and ROI edition
- » Automatic calculation of liver ROIs volume percentage
- » Visualization of all phases in the same viewport
- » Automated and elastic registration of series from different phases
- » Easy comparison of multiple surgery plans