

INS^{Y-90}TE

The power of knowing
with SurePlan LiverY90

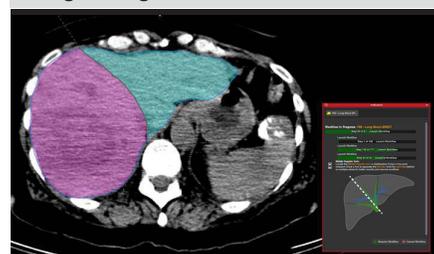
Confidence in Delivery for Timely Patient Care

SurePlan LiverY90 provides timesaving tools to close the gap between **treatment and outcome**, by providing immediate quantitative feedback on sphere distribution and absorbed dose, allowing physicians to make **quick** and **well-informed** decisions about next steps.

Fast Treatment Process with Timesaving Tools

- Offers semi-automated contouring tools
 - Dynamic paint brush and Contour Co-Pilot™, actively learn from the user as they contour regions of interest
- Quickly generate liver Volumes of Interest (VOI) in 10 minutes or less – a 70%-time reduction compared to manual segmentation¹
 - Zero-click, automated contouring of the total liver that processes when the CT arrives
 - Easily divide liver into lobes or segments to determine target region volumes
- Provides Planar and SPECT/CT lung shunt calculations

Target Region Statistics



Post-Therapy Dosimetry Designed to Enable Immediate Quantitative Feedback

- Create information-rich reports with dosimetry and therapy response information
 - Confirmation of absorbed dose and spheres distribution
 - Calculates isodose curves / Dose Volume Histogram on PET/SPECT
- Ability to save RTdose files: Combine Y-90 dose with dose from other treatments such as external beam radiation therapy
- Real-time response to communicate with referring physician and patient

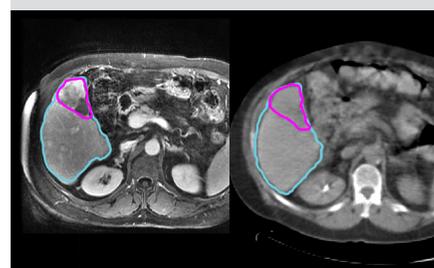
Y-90 Post-Treatment Dosimetry



Allows for Improved Decision Accuracy by Incorporating Multiple Imaging Modalities

- Multiple modality image fusion is available allowing comparison of PET, SPECT, CT, MRI and Cone Beam CT
- Deformable image registration included for cases where there are differences in positioning, size, and organ movement
- Dictated text can be pulled into reports and exported to PDF or DICOM structure reports

MR/CT Fusion



¹Horvat M, Nelson AS, Pirozzi SD. Time savings of a multi-atlas approach for liver segmentation. J Nucl Med 2014; 55(Suppl 1):1523.

Manufacturer Sirtex Medical Pty Ltd Shop 6, 207 Pacific Highway St Leonards, NSW 2065 Australia Tel: +61 2 9964 8400 Fax: +61 2 9964 8410
Americas Sirtex Medical Inc. 300 Unicorn Park Drive Woburn, MA 01801 USA Tel: +1 888 474 7839
Asia Pacific Sirtex Medical Singapore Pte Ltd 50 Science Park Road #01-01 The Kendall Singapore Science Park II Singapore 117406 Tel: +65 6800 6500
Europe, Middle East & Africa Sirtex Medical Europe GmbH Joseph-Schumpeter-Allee 33 53227 Bonn Germany Tel: +49 228 1840 730

www.sirtex.com @SirtexMedical company/sirtex-medical-limited

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