### WATCHMAN<sup>®</sup> TruPlan<sup>®</sup> CT IMAGING SOFTWARE



# QUICK REFERENCE GUIDE

# Pre-Screening Workflow



### Double click desired series.

TruPlan 2.0.0.6533		
TO VIEWER		
0	× Date ▼	LIV_020921 1/0/1945
LIV_020921	1/1/1945	
Patient ID : -	Sec:	and a sea
Description :	Nr of series: 3	
Study date : 2/9/2021	Last modified date: 1/13/2022 6:38 PM	
ITM25534929	8/18/1938	OF I
Patient ID : ITM25534929	Sex M	
Description : CT Cardiac Study	Nr of series: 3	
Study date : 12/7/2021	Last modified date: 12/16/2021 9:00 PM	
ITM25534929	8/18/1938	
Patient ID : ITM25534929	Sex: M	600R.
Description : CT Cardiac Study	Nr of series: 2	27 115
Study date : 9/22/2021	Last modified date: 12/16/2021 8:45 PM	#301: CTA 30% 0.625 mm

Slice thickness <1.0 mm and cardiac phase 30-60% recommended.



LAA Workflow: Assess LAA Morphology, sculpt if desired.



Right click in 3D view to open Sculpt menu.

Locate LAA via MPRs.



Position MPR planes near the desired landing zone with the target lobe in view.



Define and adjust landing zone.





Drag and position LAA depth measurement in long-axis plane.



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THROMBUS Workflow: Load delayed scan and assess for thrombus.



Select a viewing plane and assess both scans. Use a pixel probe [•] to measure Houndsfield Units.

# Advanced Procedure Planning Workflows

#### **FLUORO Workflow**

Select "Set" and left-click the MPR

plane showing the landing zone

en-face. Adjust landing zone with

MPR planes or control points and select "Lock" when finished.



- Plan Fluoro angles
- View device and compressions
- Explore sheath approach and .
- transseptal crossing
- Fusion export

#### **TEE Workflow**



• Simulate Transesophageal Echo (TEE) views

#### **ICE Workflow**



• Simulate Intracardiac Echo (ICE) views

### BUILT FOR CONFIDENCE. BUILT FOR COLLABORATION. BUILT FOR LAAC.

### Reporting



Select "Show" to view report and select "Update placeholders" to automatically populate images.



**Right click** on the desired view in the main UI, **select "Report"** and choose a default view to override.

Add Screenshots.



**Select "Screenshot"** to add all images in the active UI to the report. Images can be deleted from within the report.

### **MPR Navigation and Controls**



Maximize/Restore View: Double-click left button in MPR panel Scroll through Slice Position: Press and hold left button in MPR panel while moving mouse up/down Rotate 3D View: Press and hold left button (outside of panel center circle) while moving mouse

**Pan 3D View:** Press and hold left button (inside panel center circle) while moving mouse **Adjust Device Overlay Position:** Left mouse drag (reposition) or CTRL + left mouse drag (rotate)



**Rotate:** Hold left button down on crosshairs, outside of center.



**Reposition:** Hold left button down on the crosshair center.



**Pan:** Hold left button down on the circle that appears near the crosshair center.



**Image brightness/contrast:** Press and hold right mouse button in MPR panel while moving mouse up/down (brightness) or left/right (contrast)

**3D volume color/threshold:** Press and hold right mouse button in 3D view while moving mouse up/down to adjust volume rendering threshold (right-click menu selection to reset)

**Fluoro image contrast:** Press and hold right mouse button in the 3D fluoro view while moving mouse up/down (overall image contrast) or lef/right (opacity within the LAA)



**Zoom In/Out:** Middle mouse wheel scroll up/down OR drag two fingers up/down on a track pad **Pan:** Press and hold down mouse wheel while moving mouse

Brief Summary: Indications, contraindications, warnings and precautions can be found in the product labeling. TruPlan shall be used by qualified medical professionals, experienced in examining and evaluating medical images.

\*\*NOTE: In the U.S., the use of ICE with WATCHMAN is outside of WATCHMAN's labeled indications.

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