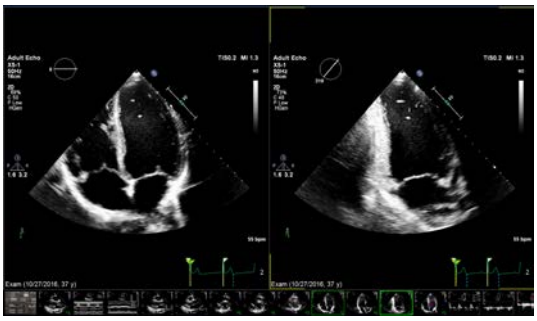
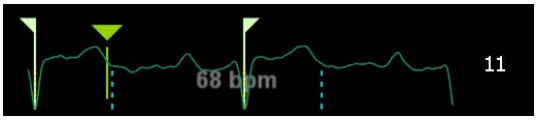
AutoLV* – QUICK GUIDE

How to start the AddIn

- Start from IMAGE-COM*
- Drag and drop an apical 4 CH and 2 CH view into the workspace

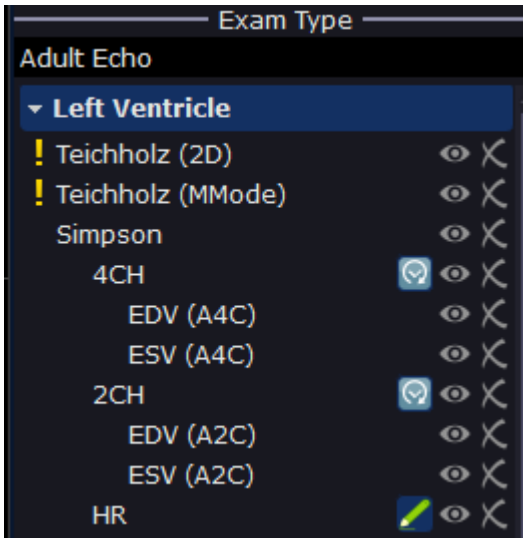


- **Optional:** per default the middle cardiac cycle is selected
- Define the cardiac cycle in each view by adjusting the reference markers of the ECG
- Drag and drop the white flags to define one cardiac cycle. Or double click on a cardiac cycle



- Select the measurement package icon in the upper right hand corner

- Select the "Left Ventricle" measurement
- Select the "Simpson" measurement

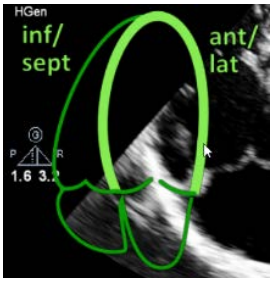


- Select the "Automatic Detection" icon of the 4CH view

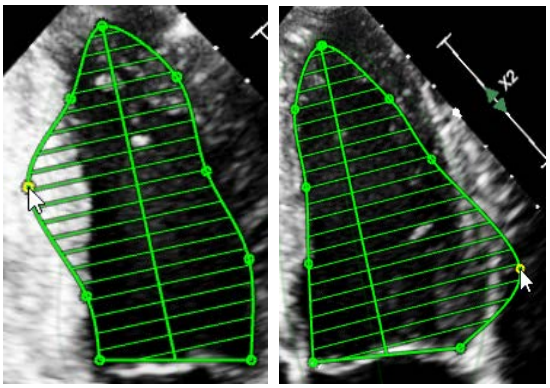
- The software expects the standard image orientation. If needed please use the flip or rotate button on the left side of the image region to correct the image orientation

* Is part of TOMTEC-ARENA. TOMTEC-ARENA is a registered trademark of TOMTEC Imaging Systems GmbH in Germany and/or other countries.

- Move the mouse into the image and select the schematic segmental view
- Continue with the 2CH view

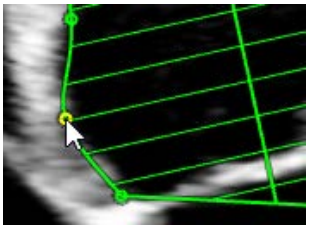


- To adjust the end diastolic or end systolic contour, scroll with your mouse wheel through the cardiac cycle and modify it via drag and drop



- Or select the "Show measurement" button beside the measurement

- Additional points can be added by clicking between the existing points
- Click with your right mouse button to delete points



- Insert the HR manually to calculate cardiac output and cardiac index or measure it in:
  - M-Mode image
  - CW Doppler image
  - PW Doppler image

- All values can be visualized in the worksheet
- Select the "Launch Worksheet" button located in the upper right hand corner

- Save a screenshot by selecting the "Secondary Capture" icon located in the upper left hand corner