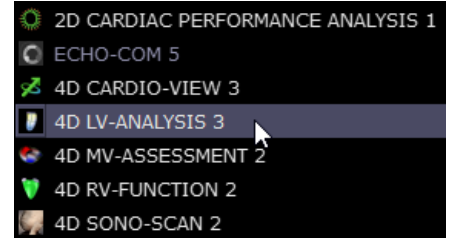




4D LV-ANALYSIS – QUICK GUIDE

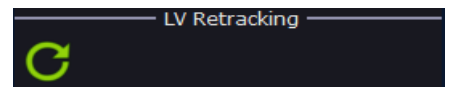
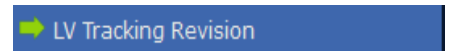
How to start the application

- Start from IMAGE-COM*
- Select a 3D volume
- Press the right mouse button and select 4D LV-ANALYSIS*
- Processing directly starts per default (see “Deactivate Tracking per default” for stepping back)



LV Tracking Revision

- LV surface model is created automatically
- Make sure to have a precise contour in ED
 - Adjust the proposed contour by drag and drop in the static images if necessary.
 - After adjustments click “Retrack LV” to initialize a new tracking
 - Make compare between Diastolic and Systolic borders and adjust Systolic face if necessary



- Select the “Add Epicard Contour” button to calculate the left ventricular mass
- Adjust the blue contour if necessary by drag and drop
- Select “Analysis” to continue



Analysis

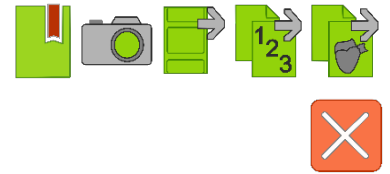
- Various display options are available
- Strain, Displacement and Volume values can be displayed by selecting the desired option



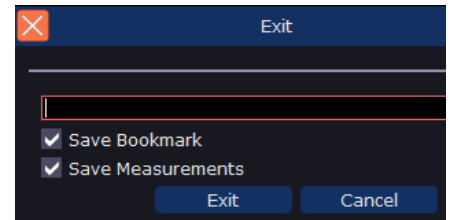
* Is part of TOMTEC-ARENA. TOMTEC-ARENA is a registered trademark of TOMTEC Imaging Systems GmbH in Germany and/or other countries.

Export options and Exit

- Different saving options are available at the toolbar
- Exit the application on the upper right corner

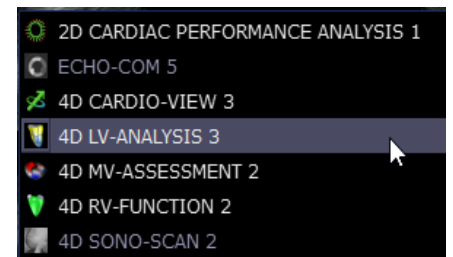


- Put checkmarks at "Save Bookmark" and "Save Measurements"
- Insert a name for your bookmark
- To exit the application press "Exit"



Reopen an analysis

- To reopen an analysis press the right mouse button on the bookmark and select 4D LV-ANALYSIS



Deactivate Tracking per default

- Settings are available in LV View Adjustment
- Remove checkmark "LV Init-And-Track"
- When deactivated you need to check and adjust the views – use the helping guide on the right
- Drag and drop the basal and apical points for an orthogonal orientation (step 1 – 3)
- Rotate to slice through LVOT (step 4)
- Check the apical midpoint (step 5)
- Select "LV Tracking Revision"

