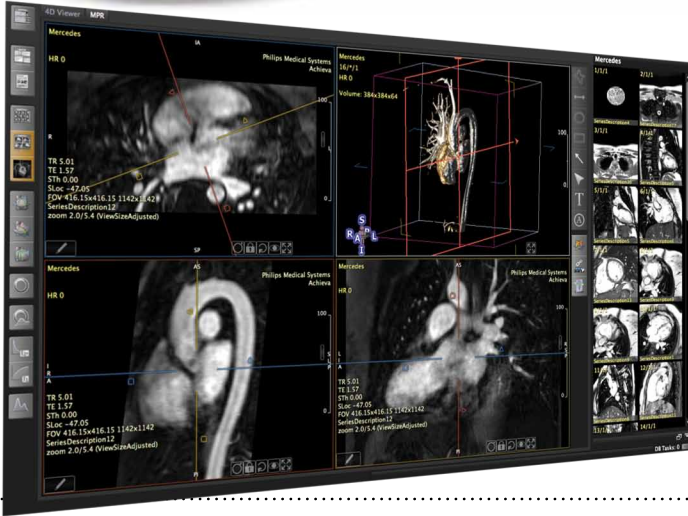




cmr⁴²

Software for Organizing, Viewing and Analyzing Cardiovascular MR Images

VERSION 3.2



MPR (Multiplanar Reformating)

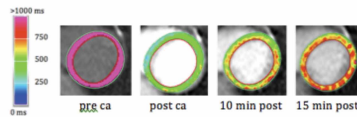
- 3D data resampling in any oblique plane
- Accurate measurements with high quality rendering
- Three MPR viewers and 3D reference view
- Thick slab rendering
- Synchronized zoom, windowing, slab thickness and display options.
- Intuitive MPR manipulation
- Play cines in MPR views
- Option to lock views
- Supports split and single view; planar MPR rotation in single view
- Multiple preset views designed for cardiac and vascular imaging
- Create secondary DICOM captures as cines or stack of any view
- Multiple export functions

Anonymization

- Customizable
- Option to export with automated anonymization
- Analysis and secondary DICOM captures of workspaces are included into anonymized data

T2* Mapping

- Various fitting algorithms, e.g. linear, non-linear, linear weighted
- Custom setting of error tolerance and coefficient of determination
- Correction for background noise by truncation or baseline subtraction



T1 mapping

- Assessment of diffuse cardiac fibrosis
- Linear and non-linear fit
- Color map display
- Custom setting of error tolerance and coefficient of determination

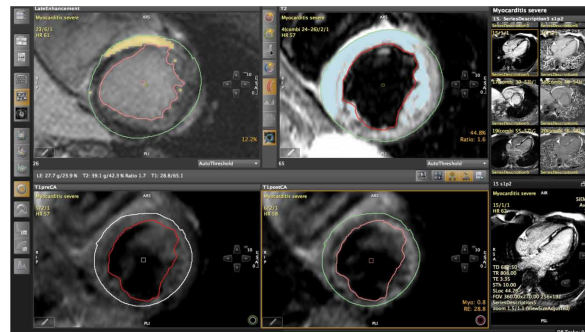


First Pass Perfusion Analysis+

- Improved bloodpool curve analysis

LV/RV Function Tools

- Long Axis: Contour propagation
- Short axis: 2nd reference window; calculation of basal plane; open contour tools



Tissue Characterization+

- Four adjustable viewer frames for various tissue characteristics (scar, edema and inflammation)
- Calculation of salvaged area at risk
- One-click auto-identification of enhanced and normal myocardium
- Option to include or exclude tissue from analysis
- Additional threshold settings including FullWidthHalfMax

+The Tissue Characterization and Perfusion Module is not available in the USA since the use of contrast agents for Cardiac MR procedures is not FDA-approved. A non-diagnostic version of cmr⁴², intended to be used only for scientific research is available on request.

E-mail info@circlevi.com to schedule your personal demo