

MR Flow

Easily generate aortic blood flow and blood flow velocity measurements

Draw a region of interest (ROI) and see it automatically and dynamically propagate to all phases, enabling you to easily visualize and quantitatively analyze flow volume and flow rate in vessels and heart valves in phase-contrasted MR images.

The following measurements are calculated and presented as tabular and graphical data:

- Stroke volume
- Flow volume (forward and backward)
- Regurgitant fraction
- Absolute stroke volume
- Mean flow
- Stroke distance
- Mean velocity

Key features:

- Blood flow and blood flow velocity calculated from phase contrast MR images
- Graphical display of ROI at all phases
- Dynamic ROI is drawn in a single phase, and adapts automatically to vessel size changes throughout the cardiac cycle
- Two ROIs can be placed and assigned as pulmonic or systemic to yield Qp/Qs calculation

