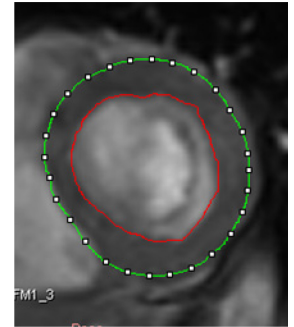


1. Cardiac MRI Data Analysis

a) Cardiac 2D Flow Analysis includes:

- Calculation of flow velocity parameters (e.g. mean and max velocity, mean, cumulative, prograde, retrograde flow)
- for large and small vessels.
- Semi-automatic detection of regions of interest over time
- Color-coded display of velocity values.
- Calculation of flow and velocity parameters (e.g. peak velocity, average velocity, flow, integral flow)
- Graphical and tabular display of the results (e.g. flow-time curves).

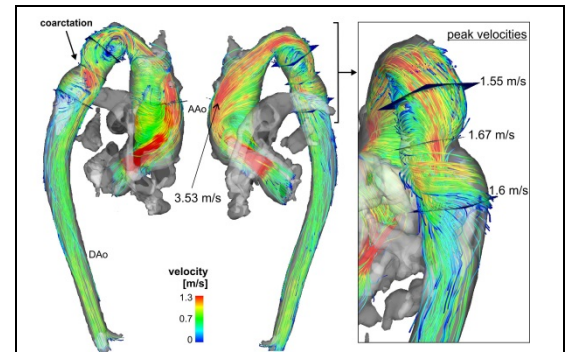


b) Cardiac Function Analysis includes:

- Automatic, semi-automatic, or manual segmentation of the left and right ventricle
- Volumetric Analysis and wall thickness analysis.
- Output of parametric results, volume-time curves and bull's-eye plots.
- DICOM structured Reporting.

2. Advanced 4D Flow Data Analysis

- 4D Flow data preprocessing (noise correction, eddy current correction, anti-aliasing, calculation of the phase contrast angiogram)
- Advanced segmentation of the phase contrast angiogram
- Visualization of 4 dimensional blood flow
- Calculation of basic flow parameters (net flow, peak velocity, regurgitation)
- Calculation of advanced flow parameters

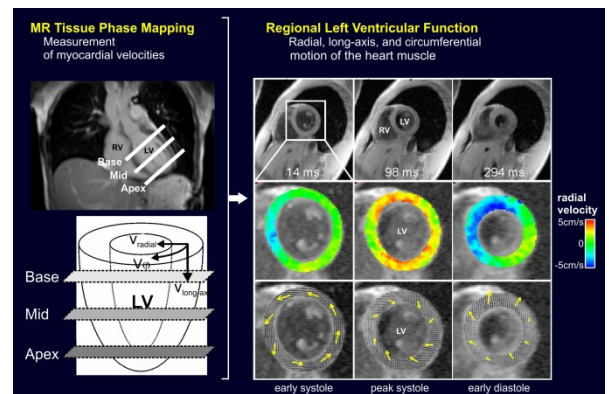


3. T1 and T2 Mapping, Tissue Phase Mapping

Evaluation of regional myocardial structure, function, and dyssynchrony.

4. Providing core lab functionality and support

- Generation and management of database
- Generate the Standard Operations and Procedures and provide the Manual of Operations for the successful completion of the study.
- Organize data transfer and storage.
- Help with establishing MRI protocols.



Please contact us for rates,

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and

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