

MR Cardiac Expert

Vitrea™ software is a multi-modality advanced visualization system providing comprehensive applications in a variety of IT environments.

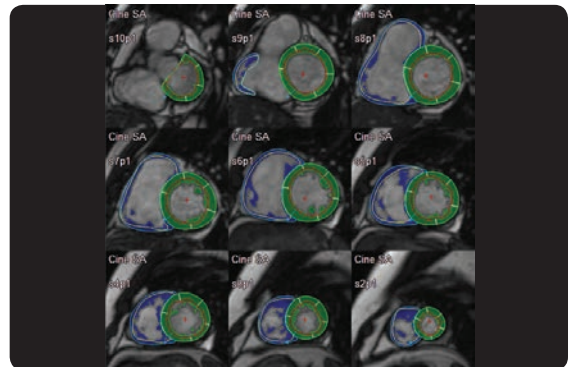
The MR Cardiac Expert package includes Global and Regional Function, Flow Quantification and Tissue Characterization. It provides access to the latest tools and applications for Cardiac MR.

Applications

QMass[†]

QMass® provides quantitative analysis of Cardiac MR data.

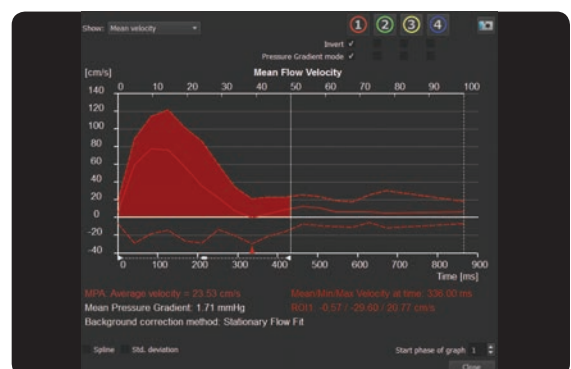
- Global Function
- Regional Function Analysis
- Time-Signal Intensity
- Delayed Signal Intensity and T2-Weighted Analysis
- Stress Levels Comparison
- T1 Mapping



QFlow[†]

QFlow® provides quantitative analysis of velocity-encoded MR data of arterial vessels and heart valves.

- Cardiac MR QFlow
- CV Flow Volume Analysis
- CV Flow Velocity Analysis



Application Workflows

Medis® Suite Cardiovascular MR (CVMR)[†]

The CVMR application is a post-processing suite allowing for efficient processing of Cardiovascular MR cases. It includes the industry-leading QMass and QFlow analytical applications for quantifying images. Together with the 3D MRA capabilities of Vitrea software, this integration provides a full set of tools for post-processing of cardiac MR cases. Medis Suite CVMR provides an efficient and flexible workflow, including:

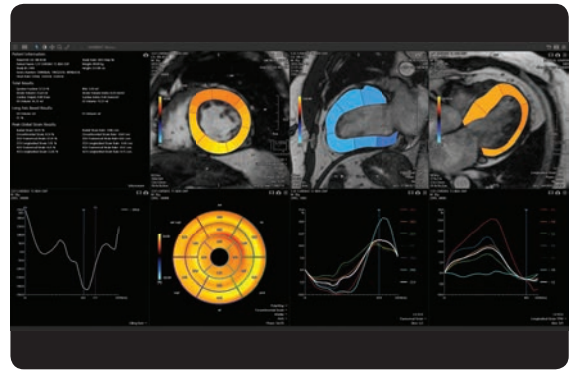
- CVMR Viewer
- Flexible reporting, including predefined texts



MR Wall Motion Tracking**

The MR Wall Motion Tracking application assists with cardiac analysis and enables the delineation of the inner and outer left ventricular walls on ECG-gated MR cardiac cine images, in order to obtain quantitative information for cardiac functional and strain analysis.

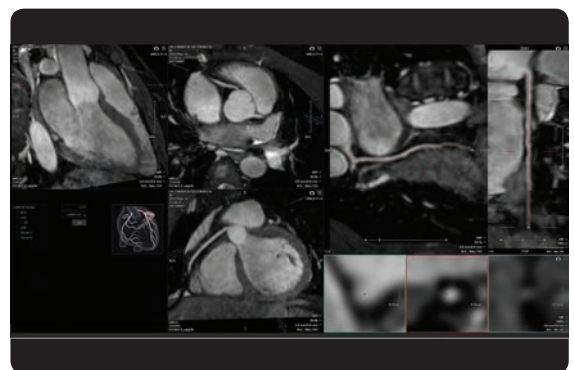
- Cardiac function and strain analysis performed based on wall motion tracking technique
- Quantification of regional strain and wall motion parameters



MR Coronary Tracking**

The MR Coronary application with its automated tools and intuitive interface allows for robust visualization of coronary vessels. Its image reformats and quantification tools help to efficiently analyze coronary arteries in MR Cardiac images.

Not available for sale in the US.



** Designed and manufactured by Toshiba Medical Systems Corporation.

[†] Designed and manufactured by Medis medical imaging systems bv.

Clinical Application Packages

Neuro Expert	Body Expert	Ortho Expert	Cardiac Expert	FOR EXPERT USERS
Advanced				GENERAL CLINICAL WORKSTATION
MR Software Base MR Core Viewer Workstation				GENERAL VIEWER

DISCLAIMER

Some products and features described here are optional and not commercially available in all countries. We cannot guarantee that the system and all of options are available in all area due to regional restrictions. Please contact your local Toshiba sales representatives for the most current information.

TOSHIBA MEDICAL SYSTEMS CORPORATION

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MCAHI0046EA 2016-04 TMSC/NS

Toshiba Medical Systems Corporation meets internationally recognized standards for Quality Management System ISO 9001, ISO 13485.

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Printed in Japan