

# Medis<sup>®</sup> Suite Ultrasound

**The new vendor independent multi-modality gold standard for advanced deformation imaging and heart function**

Medis Suite Ultrasound is the latest addition to the Medis Suite portfolio for cardiovascular imaging. Based on 20 years of developments and innovations, we bring you the latest image post processing tools in advanced cardiac deformation analysis for echo.

#### **Proven Accuracy**

Medis Suite Ultrasound offers quantitative insights in global and regional heart function for research use only

#### **Workflow Efficiency**

Provides analysis for the Left Ventricle, Left Atrium and Right Ventricle powered by innovative AI algorithms

#### **Robust Platform**

The robust Medis Suite platform integrates viewing, advanced analyses and reporting in one workflow for MR, CT and Echo

#### **ULTRASOUND INCLUDES**

- Robust quantitative insight in global and regional heart function
- Innovative Strain analysis
- Innovative Inward Displacement parameter for objective analysis of regional dysfunction
- Fast contouring and robust Speckle Trackings
- Simulated M-Mode





## BASED ON ROBUST AND PROVEN TECHNOLOGY

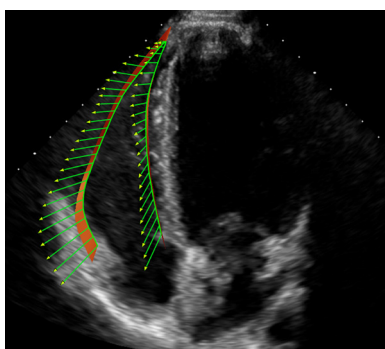
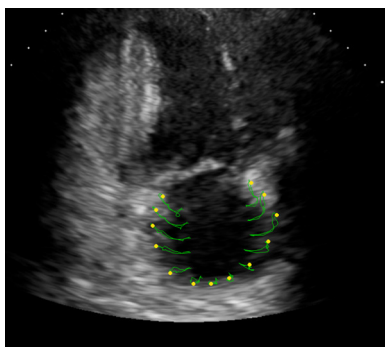
- QStrain Echo has supported the advanced quantitative deformation analysis in 1400+ clinical research papers for more than 15 years.
- Includes robust and proven algorithms for feature tracking and quick semi-automated contour detection based on 10+ patents
- Powering advanced deformation analysis in various Cardiovascular Ultrasound solutions

## VERSATILE

- Allows analysis of the LV (short and long axis) RV and Left Atrium
- Vendor independent gold standard that works on images from all major ultrasound vendors
- Modality independent – the same technology allows for advanced deformation analysis in CT and CMR images
- Allows cardiac deformation analysis in adults, children and the fetal heart.

## ADVANCED CARDIAC DEFORMATION EVALUATION

- User friendly semi-automated contour detection
- Review global and segmental analysis of strain, strain rate, velocity and displacement
- Intuitive user interface and interaction with graphs
- Representation of results in 16/17 segment AHA model or segmental curves
- Advanced motion visualization
- Excellent export options for further post-processing of results



### Legal Statement

QStrain Echo Research Edition is to be used for research use only, and not for clinical diagnosis.  
Medis Suite is cleared for market in the US, Canada, Australia, Japan and Europe

### Medis Medical Imaging Systems BV

Schuttersveld 9, 2316 XG Leiden  
P.O. Box 384, 2300 AJ Leiden, The Netherlands  
P +31 71 522 32 44 F +31 71 521 56 17 E sales@medisimaging.com

### Medis Medical Imaging Systems Inc.

9360 Falls of Neuse Road, Suite 103  
Raleigh, NC 27615-2484, USA  
P +01 (919) 278 7888 F +01 (919) 847 8817 E us-sales@medisimaging.com

© 2022, Medis  
Medical Imaging  
Systems BV  
8.23.200.10.2



www.medisimaging.com



@MedisImaging



@Medis Medical Imaging



@Medis Medical Imaging