

Medis® Suite MR and CT

QStrain

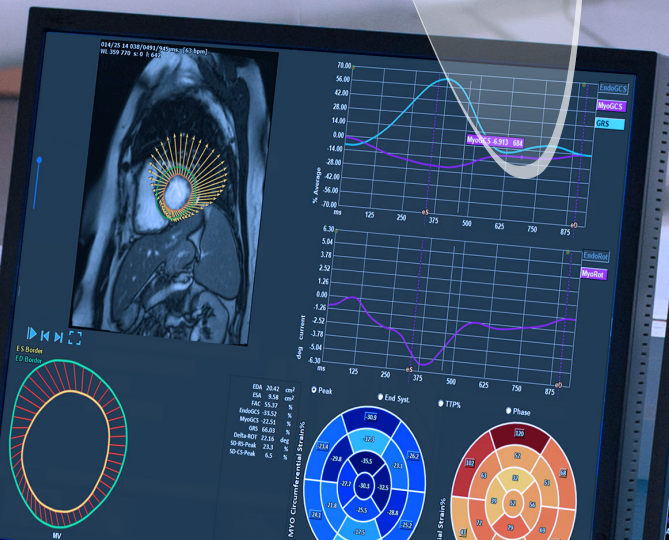
A comprehensive, time-saving and validated solution for clinical Cardiac MR and CT post-processing

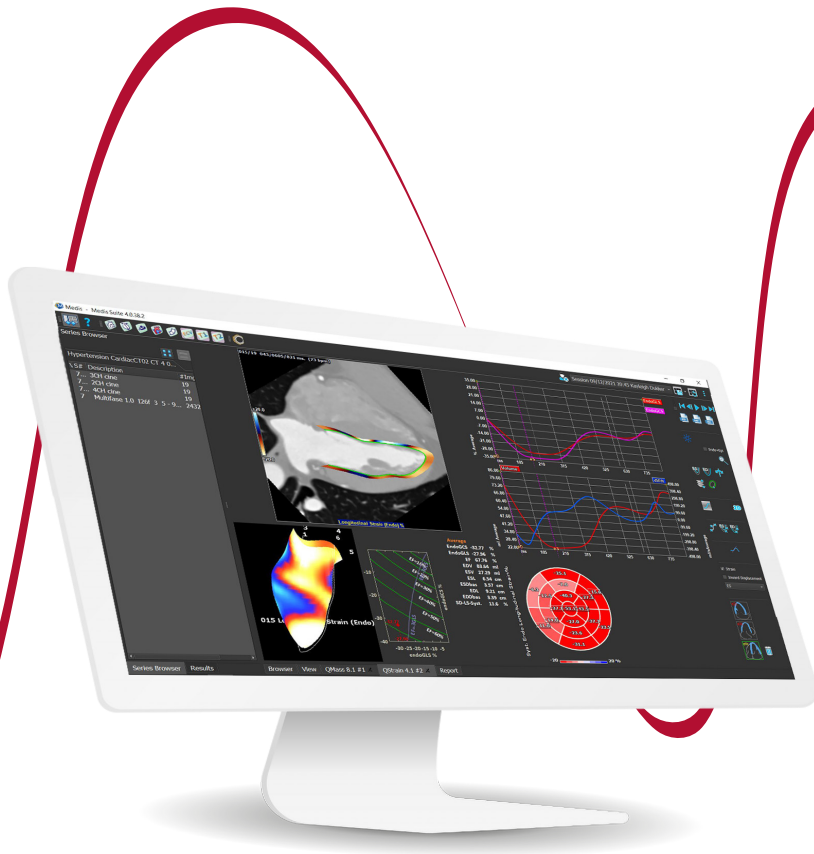
OUR KEY FEATURES

- Strain Analysis based on Feature tracking in SSFP cine images
- Quantification of Longitudinal, Circumferential and Radial Strain
- Strain quantification for LV, RV and Left Atrium
- GCS based on (multi-plane) Long Axis
- Applicable for both MR as CT images
- Providing both global as segmental results
- **New add-on: Inward Displacement. Allowing for the objective evaluation of regional ventricular dysfunction**
- Clinical results available in Medis Suite
- More extensively research report can be exported in xml and MS-Excel

EXPLORE THE BENEFITS

- No additional sequences needed
- Contours can be reused from your function analysis
- Studies can be done retrospectively
- Next to Strain also velocity, displacement and rotation are measured
- Fast and easy to learn and use
- Excellent customer support





WHY QSTRAIN?

- QStrain is licensed from AMID that bring over 20 years of experience in feature tracking, in cardiovascular mechanics and innovative image processing in ultrasound (partners i.a. TomTec, Siemens, Esaote).
- Check the paper "Left ventricular global myocardial strain assessment: Are CMR feature-tracking algorithms useful in the clinical setting?" by Pierpaolo, Palumbo, et al., for more scientific information.

WHAT OUR CUSTOMERS SAY

"Medis QStrain has helped us to gain more insight into (right) ventricular wall motion in arrhythmogenic cardiomyopathy. Furthermore, Medis has always been very responsive to our needs and requests."

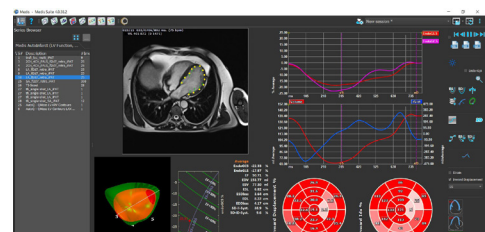
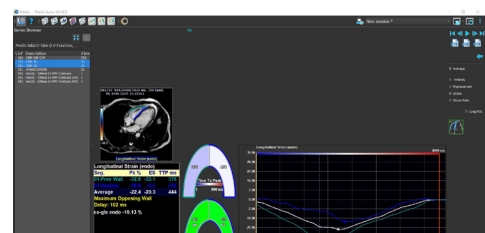
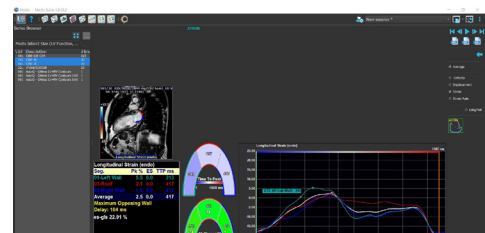


Mimount Bourfiss | MD
PhD candidate UMCU,
Utrecht, the Netherlands

"Assessment of left ventricular global longitudinal strain on CT data with the Medis Suite CT is very fast and reproducible, providing an additional piece of information in the risk stratification of patients undergoing to TAVI."



Victoria Delgado | MD
Cardiologist LUMC,
Leiden, the Netherlands



Legal statement

Medis Suite MR/CT is cleared for market in the US, Canada, Australia, Japan and Europe
QStrain is based on image processing algorithms developed by AMID srl.
AMID is fully owned by Medis Medical Imaging Systems BV.

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

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Systems BV
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