

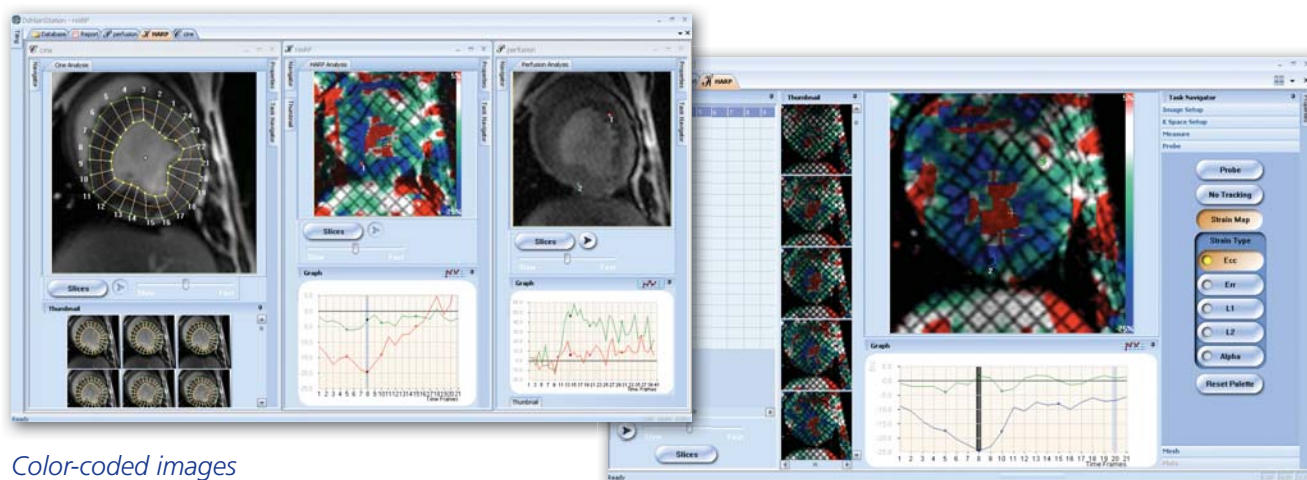
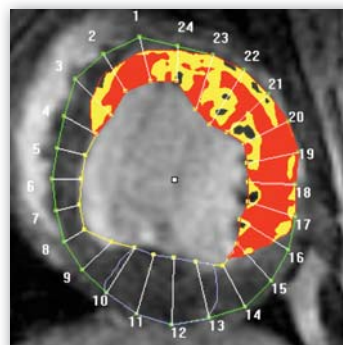
Innovative MRI Analysis With Instant Image Quantification.

What if...you could get the tools and data you need to ascertain heart performance?

What if...you could obtain quantitative MRI analysis and results to monitor and guide cardiovascular therapy?

What if...you had the means to substantiate a cardiovascular drug's efficacy?

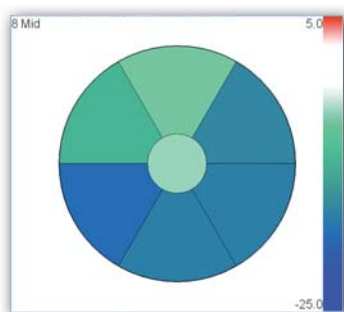
Now you can... with Diagnosoft®, developer of HARP®, a patented and FDA 510K- cleared technology that uses HARmonic Phase techniques to measure and visualize the regional motion of the heart, a sensitive indicator of heart disease. HARP, along with our other complementary, integrated and innovative software solutions, can totally transform the way you view cardiac magnetic resonance imaging.



Color-coded images for better quantification

Diagnosoft® HARP®

Magnetic resonance (MR) images are only as good as your ability to analyze them. HARP gives you an edge, facilitating greater consistency of diagnosis, as well as providing quantitative feedback about the effectiveness of cardiovascular therapy.



Using HARP methodology, MR images are “tagged” by magnetizing the heart and surrounding tissues with a special pattern (What is “tagging?” Find out at www.Diagnosoft.com — choose “HARP Technology.”) Following these tag lines tracks the motion of the heart, providing rapid measurement and analysis of its movements, regional function and ventricular torsion.

Diagnosoft® PLUS

Diagnosoft PLUS propels your analysis skills to the next level, providing a single integrated platform of solutions for analyzing, fusing and viewing different

HARP MR image analysis

- Tracks the regional cardiac motion from tagged images
- Measures regional function: circumferential shortening, radial strain, wall thickening and other related measures
- Measures ventricular torsion in short-axis views of the heart

First-pass MR image analysis

- Determines intensity curves
- Measures peak intensity up-slope, and other related measures

CINE MR image analysis

- Provides easy segmentation and identification of endocardium and epicardium

types of MR images of the heart, including cine SSFP images, delayed enhancement, first-pass perfusion, and the MR tagging method perfected by HARP.

- Measures volume, mass, EF, wall thickening, wall thickness and other relevant global measures

Viability MR image analysis

- Determines the transmuralty of delayed enhancement regions
- Measures the distribution of the delayed enhancement region

T2*

- Provides an easy and automated way to measure T2* from images acquired at different echo times (TE) by MRI
- Enables easy division of the heart into different segments based on the 17-segment model

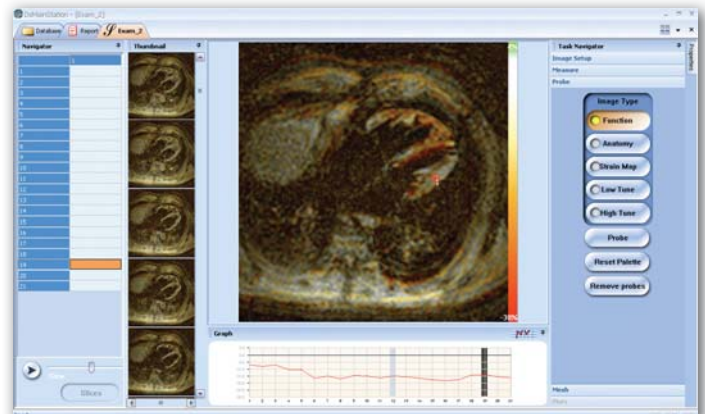
Diagnosoft® SENC

SENC is a new strain-encoding technique for measuring regional myocardium contraction of the heart. It provides a quantitative assessment of the myocardium, far surpassing traditional subjective methods, and does not require a second step of image processing. SENC provides quantification with the fine spatial resolution that is necessary for the regional function of the right ventricle's thin wall. It is particularly suited for pediatrics patients, because rapid imaging allows it to acquire regional function in a fraction of a second, without requiring breath holds.

In today's healthcare environment, cardiovascular medicine is evolving from a state of reaction to a state of pro-action. Whether you are in private

practice, research, or drug development, Diagnosoft's suite of software solution and services can improve your workflow, speed and substantiate diagnosis, monitor therapies for better prognosis, enhance results from both a clinical and legal perspective, and put you at the leading edge of innovation.

Visualizing and measuring regional function with SENC





About Diagnosoft®

Diagnosoft, Inc., based in North Carolina, is a privately held company specializing in cardiac MR image analysis. Diagnosoft develops and markets a suite of software solutions that assists hospitals, medical research centers, and healthcare institutions in diagnosis, staging and therapeutic monitoring of cardiovascular disease. One of its products, Diagnosoft HARP, is distinguished as the first FDA 510k-Cleared software designed for the analysis of tagged magnetic resonance images. The company's overriding objectives are to

increase physician productivity and accuracy, improve patient outcomes, and enhance research and drug development advances.

Company founders Dr. Nael Osman and Dr. Jerry Prince, developed HARP technology at Johns Hopkins University (JHU), where they are faculty members. Dr. Matthias Stuber, a company founder who is also on the JHU faculty, brings additional insight and imaging expertise to Diagnosoft.

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