

Diagnosoft®

PULSE

Cardiac structured reporting

**Revolutionizing
structured reporting for
advanced cardiac imaging**

DIAGNOSIS

RESULTS

INTEGRATED



CONNECTED



The future of intelligent care



Diagnosoft® PULSE automates the generation and distribution of structured cardiac MRI reports

A vital part of effective cardiac MRI analysis is creating and distributing a final report which must concisely detail diagnosis and supporting clinical measures. The report must be easily distributed to all physicians involved in the patient's care.

After all, the value of even the most advanced quantification tools is limited without the means to quickly and reliably communicate diagnostic results, and help direct the course of required treatment.

Diagnosoft® PULSE is healthcare's first vendor-independent, enterprise-reporting for cardiac MRI quantification.

While primarily designed to integrate and support Diagnosoft's VIRTUE solution set (see below.), the industry's leading suite of cardiac MRI measurement tools, Diagnosoft PULSE is capable of reading and integrating CMRI measurement data from all vendor sources. As a result, Diagnosoft PULSE delivers the enterprise flexibility and connectivity healthcare organizations value, and generates comprehensive reports that incorporate all available cardiac quantification data and results.

Diagnosoft® PULSE designed to support Diagnosoft® VIRTUE, healthcare's premier suite of enterprise cardiac MRI quantification tools

Comprising five specialized modules for cardiac MRI quantification, Diagnosoft VIRTUE delivers end-to-end, comprehensive perspective and analysis of regional and global heart function. Diagnosoft VIRTUE modules include:

- **Diagnosoft® HARP®** – analyzes tagged cardiac MR images for detecting, diagnosing and measuring regional dysfunction
- **Diagnosoft® SENC** – pinpoints, measures and monitors subtle functional heart anomalies and regional contraction in the myocardium
- **Diagnosoft® CORE** – combines cine, perfusion and delayed enhancement quantification capabilities
- **Diagnosoft® FLOW** – quantifies and color codes blood flow velocity
- **Diagnosoft® STAR** – calculates T2* to measure myocardial iron content

Diagnosoft® PULSE automatically generates patient-specific structured reports based on the analysis and quantification results obtained by Diagnosoft VIRTUE.

Through a series of user-configurable checklists and other input screens that follow site-specific clinical protocols, Diagnosoft PULSE enables cardiologists to quickly document their professional assessments and automatically build a customized electronic CMRI report for each patient.

Diagnosoft® PULSE relies on the Diagnosoft® OMNEA connectivity platform to generate vendor-neutral, enterprise-accessible reports

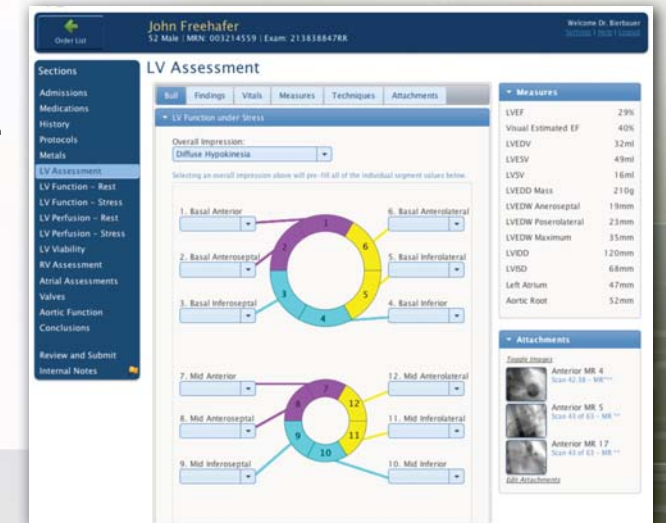
Diagnosoft PULSE's ability to produce reports based on quantification data obtained from all vendors of cardiac MRI quantification systems is furnished by Diagnosoft OMNEA ,

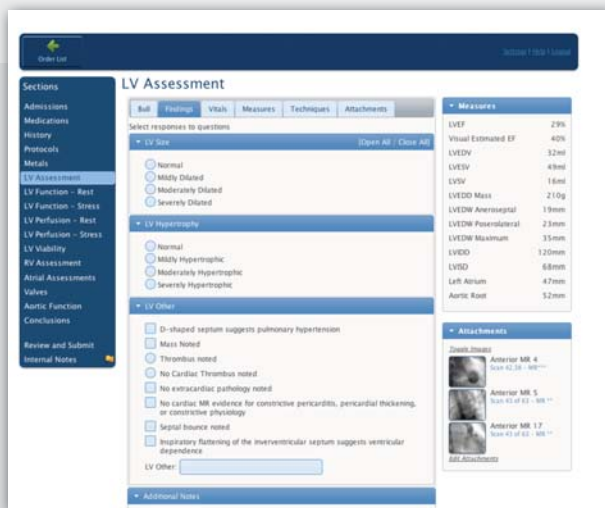
Diagnosoft's enterprise connectivity middleware. Diagnosoft OMNEA ensures that all current and future Diagnosoft products meet requirements for interoperability among all technology platforms, vendor solutions and IT environments.

By providing seamless integration and connectivity, Diagnosoft OMNEA optimizes enterprise-wide efficiencies and data interchange, facilitates rapid product implementation, and reduces support and maintenance costs.

In addition, Diagnosoft OMNEA moves Diagnosoft PULSE electronic reports briskly and reliably throughout the enterprise. All relevant hospital systems, including the EHR, are automatically updated thereby keeping physicians informed and facilitating efficient workflow.

Analysis measurements and images are automatically imported in Diagnosoft PULSE.





Easy and configurable user interface to create a CMRI structured report

About Diagnosoft®

Diagnosoft develops advanced, enterprise-capable software solutions that enable healthcare organizations, physicians and other caregivers to take a more proactive, interactive and integrated approach to care and wellness.

Diagnosoft FUSION, a state-of-the-art clinical analytics and knowledge support system, provides clinicians with access to aggregated, longitudinal clinical patient data. FUSION's Clinical Intelligence and Insight Engine continuously monitors, sorts and displays pertinent and configurable patient data that caregivers can quickly review, analyze and act upon.

Diagnosoft VIRTUE, the industry's leading cardiac MRI quantification software, delivers unmatched detail and analysis of regional heart function, empowering early detection, accurate diagnosis and more effective treatment of heart disease and abnormality.

For more information, visit diagnosoft.com.

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