Improve Quality, Standardization and Workflow in Echo Analysis, Interpretation and Monitoring

Meeting Today’s Challenges in Cardiovascular Patient Management and Healthcare

Research, guidelines and clinical use, along with an investigational reimbursement code, have shown that speckle tracking strain imaging with echo can improve diagnostic assessment, standardize interpretation and assist in improving the monitoring of patients over time to optimize care. Additionally, strain imaging is a much more predictive and less variable measurement than traditional gold standard measurements, making it increasingly important.

Although strain imaging has proven to be valuable in the assessment and management of patients with echo, until now, diagnostic software solutions with strain imaging have been research-oriented, laborious and workflow inefficient in clinical practice.

Creating a New Standard in Patient Management With EchoInsight Visualization and Analysis

By delivering valuable echocardiographic analysis tools designed to transform patient management, EchoInsight with strain imaging is improving diagnostic confidence, standardization and efficiency. Designed for the clinical environment, EchoInsight visualization and analysis meets today’s clinical needs and healthcare system challenges.
Echoln Insight visualization and analysis provides:

- Clinical strain imaging for improved confidence in assessment and monitoring of wall mechanics for the entire heart
- Applications based on guidelines: LV, LV Contrast, RV, Full Heart and Stress Echo
- Automated cardiac function measurements based on ASE guidelines improve efficiency and standardization
- Easy to use features and clinical applications for fast analysis
- Rapid study comparison and trending capabilities for comprehensive assessment and monitoring of patient
- Available as a stand-alone workstation or client-server architecture with concurrent user licensing
- Study Authorization Management enabling user authentication providing an audit trail within Echoln Insight
- DICOM structured reporting integration with HIT for streamlined patient and population management
- Export of Echoln Insight processed clips as DICOM-wrapped mpegs to PACS (for review without Echoln Insight)
- Vendor neutral platform
- Data extraction tool for streamlined and customizable output that can be used for research purposes
- Premier consultative customer support

Echoln Insight Clinical Application Suite

The Echoln Insight clinical suite of applications is designed specifically for managing a wide variety of indications across your echocardiography program. Echoln Insight clinical applications seamlessly and easily integrate the value that strain imaging, automation of measurements and trending patients over time can bring to your patient management program. Additionally, Echoln Insight offers robust and flexible features for exploratory research projects.

Echoln Insight Left Ventricle

- Serial study comparison protocol
- Global and regional wall and chamber function analysis, and trending with percent change of baseline
- Longitudinal, radial and circumferential strain imaging based on view type
- Automated volumes, EF and linear measurements based on ASE guidelines
- Single and comparative bullseye diagrams

Echoln Insight Left Ventricle Contrast

- Serial study comparison protocol
- Global longitudinal strain imaging
- Customized editing function tools tailored to contrast-enhanced studies
- Single and comparative bullseye diagrams
### EchoInsight Right Ventricle
- Serial study comparison protocol
- Free wall and regional wall and chamber function analysis, and trending with percent change of baseline
- Longitudinal strain imaging
- Automated areas, FAC, TAPSE, S’ and linear measurements based on ASE guidelines

### EchoInsight Stress Echo
- Rest-stress study comparison
- Global and regional wall and chamber function analysis
- Longitudinal strain imaging
- Click-of-a-button wall motion scoring based on recognized standards

### EchoInsight Full Heart
- Serial study comparison protocol
- Simultaneous analysis of up to all 4-chambers
- Includes LV & RV applications, and adds new atrial applications
- Adds reservoir, contraction and conduit strain for atria assessment
- Global and regional wall and chamber function analysis, and trending with percent change of baseline
- Longitudinal, radial and circumferential strain imaging based on view type
- Automated cardiac function measurements, including:
  - Volumes, EF and linear measurements for LV
  - Areas, FAC, TAPSE, S’ and linear measurements for RV
  - Volumes, EF and linear measurements for LA
  - Volumes, EF and linear measurements for RA
- Single and comparative bullseye diagrams for LV protocol

### About Epsilon Imaging
As a provider of workflow enhancing visualization and analysis solutions for cardiology, Epsilon Imaging is transforming cardiac diagnostic workflow with a vendor neutral suite of software applications for echocardiography. EchoInsight assists clinicians with innovative visualization and analysis technologies that enhance, standardize, and streamline analysis, interpretation and trending with echo.

Epsilon Imaging offers premier customer support with EchoInsight. The Epsilon Imaging Customer Support Team is comprised of expert technical and clinical specialists that offer rapid and proactive service and training. Echocardiography strain-imaging program consultation is also available. Epsilon Imaging strives to achieve the highest level of satisfaction by partnering with customers to improve efficiency and standardization within their echo programs.
EcholInsight Workflow Configurations

**EcholInsight Pro**

Designed with a client-server architecture, EcholInsight Pro delivers to EcholInsight users a fast, streamlined workflow across your network for improved efficiency in a growing to fast-paced clinical echo practice. With a robust centralized server, EcholInsight Pro provides ease of access for multiple users and the capability to scale as your practice grows.

**Ideal for programs:**
- Requiring multiple reading seats at a variety of locations. Concurrent user licensing available.
- With a growing to significantly high echo study volume
- Adding strain imaging to clinical practice
- Experienced and using strain imaging in clinical practice
- With need for straightforward, clinical approach to strain imaging and quantification of echo studies
- Needing increased patient throughput with offline strain imaging and quantification analysis

**EcholInsight Stand-Alone**

EcholInsight Stand-alone delivers to EcholInsight users an efficient workflow designed for smaller clinical echocardiography and research programs.

**Ideal for programs:**
- Requiring a single or dedicated seat(s) in one location and/or department
- With smaller to mid-range echo study volume
- With research projects where having a separate (not shared) database is essential
- Adding strain imaging to clinical practice and expecting volume to be low
- Experienced and using strain imaging in clinical practice
- With need for straightforward, clinical approach to strain imaging and quantification of echo studies
- Needing increased patient throughput with offline strain imaging and quantification analysis