CUSTOM-DESIGNED FOR CARDIOLOGY.

Now, you can count on powerful PACS performance in your cardiology department. CARESTREAM Vue for Cardiology can consolidate your disparate cardio lab systems for single-station review. You’ll achieve streamlined workflow and access to clinical data from any networked workstation – both within and beyond the enterprise.

SUPER-CHARGED.
THE POWER OF A SINGLE USER INTERFACE.

As a key offering in Carestream’s advanced Vue portfolio, Cardiology PACS can supercharge productivity and performance in your Cardiology department – by consolidating your disparate labs into a single workspace. Designed explicitly for cardiology data, the system integrates devices for echocardiography, cardiac cath labs, ECG, nuclear cardiology and hemodynamic results. When combined with the powerful clinical archive, Vue for Cardiology streamlines enterprise access to cardiology images for faster diagnosis, reporting, storage and distribution of clinical data.
Now Carestream Health can integrate cardiology devices for enterprise-wide image and information management. CARESTREAM Cardiology PACS is loaded with features that improve productivity, streamline workflow, and enhance patient care. What's more, these capabilities apply to procedures done within echo, cardiac cath, and nuclear cardiology labs as well as to ECG management.

MULTIPLE CARDIOLOGY LABS, A SINGLE SOLUTION.
MULTIPLE CARDIOLOGY DEPARTMENTS.

• Consolidation of disparate cardio lab systems into a centralized solution for lower total cost of ownership

• Onsite or remote reading of cardiology data from any networked workstation within and beyond the enterprise

• Single-workstation review of echocardiography, cardiac cath, ECG, nuclear cardiology and hemodynamic results with fast, easy comparison of priors
Fast Data Access
Capture, review, report, store and distribute cardiology data from any DICOM and non-DICOM device using a single Web-based solution. Cardiologists can see comprehensive patient data from virtually any networked PC, onsite or remote. With historical data readily available, Cardiology PACS provides a complete picture of the patient status – to support rapid, efficient clinical decision making.

Outstanding Cost Savings
With CARESTREAM Cardiology PACS, you gain a Web-based solution offering complete cardiology workflow, plus full connectivity and integration to other devices and systems. You’ll consolidate all of the individual, disparate cardio lab stations in your enterprise – creating an efficient, centralized solution. By eliminating the need to own, maintain or troubleshoot multiple systems, the time and money that you save on an ongoing basis will be considerable. You’ll also take a real load off of your IT personnel. Finally, just imagine the flexibility and time-savings when physicians can instantly report and review with a single click.

Integrated Information for Improved Care
Isolated lab results can’t tell the whole story. That’s why CARESTREAM Cardiology PACS features a document-management and report-integration tool that supports the capture of hemodynamic, exercise stress and Holter reports from existing reporting solutions. It also allows integration of other clinical results for a complete patient report, and provides consolidated data to the referring physician.

Reporting Made Fast and Easy
Speed and efficiency are every bit as important in the reporting phase as they are during image capture and reading. CARESTREAM Cardiology PACS features easy-to-use, structured reporting templates for cardiac cath, echo, vascular and nuclear cardiology studies – allowing fast, consistent reporting across multiple users and procedures. You can forget money and time wasted while waiting for vendor customization of your reports; with CARESTREAM Cardiology PACS you can format your own reports to meet your own specific procedure needs. Report-distribution options include HL7, auto print and fax. This allows creation of reports in the format your clinicians prefer, promoting fast action for patient care.

Advanced Archiving
With the Vue portfolio, you can also complement your cardiology workflow with a vendor-neutral archive to consolidate disparate departmental clinical information. The archive is virtualized to allow sharing and consolidation of the storage infrastructure and to deliver precise and centralized universal data management. No matter where the images and data are stored or where they originated, the archive can provide the patient’s longitudinal clinical record across the entire healthcare enterprise. Integration is supported through standard protocols such as HL7, DICOM, non-DICOM, IHE (including XDS, XDS-i) and WADO. PIX, PDQ and MPI support provides patient-data integrity when working in a multiple-patient ID environment and presents a seamless, longitudinal patient record to the end user. The intelligent, clinical-image lifecycle management (CILM) capabilities can be tailored to the needs of each healthcare organization, and each category of data. User-defined rules aid the user access performance while keeping the cost low.
DEDICATED CAPABILITIES FOR SPECIALIZED MODALITIES.

CARESTREAM Cardiology PACS offers specific features for echo, ECG, cardiac catheterization, and nuclear cardiology. As always, the objective is to help make the process smoother and the patient healthier.

**Echocardiography Review and Reporting**

You’ll appreciate this flexible, portable and robust echo-management system. A full set of measurement tools for echocardiography images allows quick and efficient reporting, as physicians edit and create measurements from any networked PC. Reporting is further expedited, as measurements are pre-populated into reports at the time of report creation – from measurements taken at the modality through either a DICOM SR output or OCR extraction from measurement screen shots. A single reporting package for all echo procedures, including stress echo, adult and pediatric, increases efficiency and accelerates turnaround. Echo reporting is optimized with the ability to view imported exams or documents from third-party systems and optional Philips QLAB quantification software.

**ECG Review and Reporting**

You’ll achieve a lower total cost of ownership by implementing an ECG module as a component of Cardiology PACS. It integrates with multiple-vendor ECG carts that output proprietary or standard waveform formats. This feature enables worklist-based access to resting ECG waveforms awaiting evaluation. For added functionality, a full range of investigational tools – such as automated viewing of priors, online calipers, presentation format and waveform magnification – increases diagnostic confidence.
Cardiology PACS offers advanced features for nuclear cardiology. The reading process is optimized by a Web-based, gated SPECT (NM) wall-motion review, and a 3D cine and localizer tool. Optional Cedars QPS/QGS software allows precise quantitative analysis. And, structured templates support exercise and pharmacologic-gated SPECT procedures.

Cath Review and Reporting
Structured reporting templates, in conjunction with data points provided by an advanced hemodynamic monitoring system, are available for diagnostic and interventional cardiac cath procedures. Reporting capabilities also include coronary tree annotations for stenosis, stent, and graft location(s). This eliminates dictation and provides a single, efficient tool for reporting.

FEATURES AVAILABLE WHEN INTEGRATED WITH CARESTREAM PACS FOR RADIOLOGY

Coronary CTA Analysis
- Segments and labels the coronary tree for diagnosis of stenosis and occlusions
- Generates panoramic and cross-sectional views of the main heart vessels including the left main artery (LMAI), right coronary artery (RCA), left circumflex artery (LCX), and posterior descending artery (PDA)
- Allows automatic cage removal of the rib cage and surrounding non-essential tissues, which helps improve coronary analysis

Cardiac CT Analysis
- Generates cross-sectional views of the heart automatically
- Supports single-phase and multi-phase capabilities, along with cardiac cine for the study of wall motion

Calcium Scoring
- Analyzes calcified plaque in five main blood vessels of the heart and generates a calcium-scoring report

Nuclear Cardiology
Cardiology PACS offers advanced features for nuclear cardiology. The reading process is optimized by a Web-based, gated SPECT (NM) wall-motion review, and a 3D cine and localizer tool. Optional Cedars QPS/QGS software allows precise quantitative analysis. And, structured templates support exercise and pharmacologic-gated SPECT procedures.
CARESTREAM Services

A PARTNER WHO CARES AS MUCH AS YOU DO.

Trusted Partner

With over 2,500 sites and over ten cloud infrastructures implemented globally, our services team is passionate about supporting you from day one. We have extensive knowledge in a variety of professional services: project management, integration, training, data migration and technical support. With this expertise and experience, along with 24/7 Remote Management Services monitoring your system, you can feel confident choosing Carestream as your partner in imaging IT.

Count on Carestream Support

Carestream’s medical imaging solutions are backed by a support team of product and industry specialists who are dedicated to keeping you up and running at peak performance. Carestream supplements 100 years of knowledge and experience with interactive user groups, medical advisory groups and input from our diverse radiology customers to constantly improve the quality and utility of our digital solutions.

The New Benchmark in Healthcare IT

Vue represents an advanced integration of imaging and information management. With thousands of proven implementations worldwide, Vue streamlines workflow, supports clinical excellence, and results in superior patient care. While Vue PACS manages image data effectively with a variety of other radiology information systems, a unified CARESTREAM Vue RIS+PACS desktop automates workflow and enables efficient creation, storage and distribution of the patient’s complete radiology record. This solution displays a patient’s entire clinical status, helping radiologists perform more accurate and timely interpretations.

www.carestream.com/cardiopacs

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