The Cardiology Information Continuum 2010-2012:
Integration Strategies for Cardiovascular Image and Information Systems
Featuring research from cardiology/cath lab and IT/MIS and administrators in 200 U.S. hospitals

Overview
Advances in digital imaging technology for cardiac cath, echocardiography, CT, MR, PET, SPECT and other imaging modalities are providing critical improvements to the diagnostic and reporting capabilities for cardiologists. Such capabilities are being further enhanced by the successful integration of patient-centric image data with non-image data. The cardiology community is moving beyond Cardiology PACS (CPACS) to embrace the richer functionality provided by an integrated Cardiovascular Image and Information System (CVIIS). This report will provide you with valuable insight into where hospitals stand today with their Cardiology PACS and plans for evolving their systems to effectively manage the cardiology information continuum. In addition, new research findings will be compared to the results of IMV’s 2007 report on this subject to highlight key market trends.

What you’ll learn in this report

Present Access to Cardiology PACS
- What factors distinguish those hospitals that have already implemented Cardiology PACS, from those that have not?
- In addition to cath and echo images, what percent of Cardiology PACS have integrated, CT, MR, PET, SPECT or other images?
- In addition to image data, what types of cardiovascular-related information and capabilities do these systems offer?
- What vendors are the primary system integrators for CPACS? How satisfied are hospitals with their system integrators?
- To what extent have hospitals integrated their CPACS with their Radiology PACS systems with a common IT strategy?
- To what extent have hospitals integrated other enterprise-wide information systems (e.g. EHR/EMR) with their CPACS?

Future Vision for CPACS/CVIIS Development
- What new purchases, replacements, or upgrades to Cardiology PACS have hospitals budgeted for the next three years?
- What modalities, non-image data, reporting tools, and functionality will hospitals integrate into their CPACS/CVIIS?
- What decision factors will drive brand preferences?
- What perceived benefits drive future system development? What obstacles need to be addressed to support adoption?
- In the future, to what extent will Cardiology PACS be integrated with Radiology PACS?
- What are the 2010-2012 capital budgets for CPACS technology, and how is this impacted by the stimulus current economic outlook?
- What other health enterprise information systems will CPACS be integrated with (e.g. EHR/EMR, HIS, LIS)?
- What additional value-added services and capabilities should vendors offer to their CPACS/CVIIS customers in the future?

Market Research Methodology
Sampling Frame: This report will utilize online and telephone interviews to be conducted in 2Q 2010 with cardiology/cath lab department and IT administrators from 200 hospitals with cardiology services located across the United States

IMV Market Research Report Advantages
Since 1977, IMV has been a leading supplier of market information to the diagnostic healthcare industry, providing site-specific databases and comprehensive market reports that address the radiology, cardiology and oncology markets.

- Broad Coverage: Decision makers from 200 hospitals located across U.S. geographic regions, randomly selected, to ensure accuracy of analysis and confidence for business planning.
- Data Accessibility: 80+ pages with over 75 graphs and exhibits to help you interpret the data to make better strategic decisions.
- In-depth Analysis: Drill down from top-level summaries to analyses by facility ownership type, hospital bed size, and teaching status.
- Market Trends through 2012: The study will cover the evolution of current CPACS implementations towards fully integrated cardiovascular image and information systems through 2012.

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