

MUSE in action

Regional standardization

Making the right connections

Challenges

- Inability to correlate cardiac care when patients were seen at multiple sites
- Inefficient access to ECG records
- Cost and time associated with paper ECG storage and management

Goal

Expand and standardize ECG management across the system, creating an enterprise cardiology database that would be easily accessible and adaptable to the needs of each facility

Solution

Implementation of the MUSE[™] Cardiology Information System to support the regional system in managing more than 13,000 ECGs each month

Key Outcomes



- ECG interpretation accuracy increased to more than 99%
- Improved access to data to meet quality and compliance objectives

Productivity

- ECG turnaround time decreased from 15 hours to less than 5 hours on average
- Less time to complete, record, and correct billing, streamlining the patient charge process

"With a fully integrated MUSE system, [we have] a strong foundation to build on for future cardiac expansion at our hospitals and clinics."

- Clinical Lead, Cardiovascular Services Not-for-profit reginal healthcare system with 4 hospitals and 19 clinics

Cost savings

- Software-only solution with consistent 24/7 availability and support eliminated cost and time associated with paper-based processes
- Enabled system to standardize user competencies, training, and future equipment acquisition



Security

· Having a centralized server allowed tighter management by IT staff and a higher level of data security

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