



MUSE *in action*

Streamlined ECG workflow

Making the right connections

“With MUSE, capturing an ECG takes 10 minutes versus 45 minutes under the paper-based process. Billing is immediate. Press a button and the billing is processed.”

– Cardiac technician

Medical center with 232 beds

Challenges

Labor-intensive paper-based workflow

- ECG capture: 45 minutes
- ECGs signed and returned: 2+ days

Goal

With ECG volume increasing by approximately 100 patients per day, the facility wanted to increase productivity, free up workspace, and expedite ECG over-reads

Solution

Implementation of the MUSE™ Cardiology Information System, which automated the process for ECG orders, results, billing and electronic signatures

Key Outcomes



Quality

- Immediate access to information
- Expedited over-reading of ECGs



Productivity

- Decreased ECG workflow from 45 minutes to 10 minutes
- Met goal of 24-hour ECG turnaround
- Provided remote access to physicians
- Freed up workspace



Cost savings

- Saved 200,000 sheets of paper in the first year



Revenue enhancement

- Created a wireless, seamless flow of data between ECG units and MUSE system
- Enabled results to be provided to other physicians via EMR interface