

MUSE™ in action

Making the right connections

Reduced door-to-balloon times

“We can begin preparation and diagnosis 15 to 20 minutes before patients arrive. Staff are waiting for patients instead of the other way around.”

– Cardio IS Administrator, Cardiac care center in 183-bed facility

Challenges

Paramedics used to transmit ECGs to the ED via fax. This did not provide diagnostic-quality data, so treatment could not begin until a 12-lead ECG was acquired at the hospital.

Goal

To reduce door-to-balloon time and improve patient outcomes

Solution

Implementation of the MUSE Cardiology Information System, enabling paramedics to transmit ECGs from their defibrillators directly to the ED via MUSE

Key Outcomes



Quality

Earlier detection, thanks to the combination of MUSE and paramedic training

- Door-to-balloon time reduced by 30%, from 90 to 60 minutes
- Patients' previous ECGs stored in MUSE can be compared with ECG from ambulance



Productivity

- Faster physician review
- Pre-hospital ECGs can be viewed immediately and securely from anywhere in the hospital