



Telecardiology made simple with the MUSE™ Cardiology Information System

Key challenges

Rapid review of ECG results is important for effective, efficient cardiac care in both emergency and routine environments. The landscape of Cosenza province is such that communication and travel between hospitals and clinics is difficult, creating a challenging situation for the Castrovillari Hospital, which reviews data from a number of centers across the region. Telecardiology services hold the key to success, enabling easy access to both current and historical patient data.

Solution

Dr. Giovanni Bisignani, manager director cardiology OUC and CCU-hemodynamic-telecardiology, had previously used a MAC 1600 and the MUSE Cardiology Information System (v5), and was familiar with the quality of the ECG traces and data interpretation. He realized that the MAC 2000 perfectly complemented the MUSE system and would be an asset to the cardiology department. Moving to the MAC 2000 was a natural progression. Clinicians can rapidly and easily perform an ECG at any of the province's network of hospitals and clinics, transferring the patient data to MUSE for storage, and review either on site or at Castrovillari Hospital.

Results/benefits

The MAC 2000 has transformed cardiology services at Castrovillari, enabling rapid and reliable acquisition of accurate ECG traces for export to MUSE. All staff are engaged with the system and the hospital's culture and attitude towards the use of ECG has completely changed. Prior to telecardiology, patients were taken to hospital for diagnosis and an ECG was performed. The printout was taken to a doctor to review, before eventually transferring the patient to the cath lab. MUSE empowers both routine and emergency care practitioners, allowing them to review ECGs at a workstation or on a tablet, and provide immediate feedback.

About the Castrovillari Hospital-ASP Cosenza

Cosenza is the fifth largest Italian province, covering an area of 6-7,000 square kilometers that includes the mountain ranges of Sila and Pollino. The cardiology department at Castrovillari Hospital is responsible for a network of three hospitals across the province, and comprises an intensive care unit, long-stay patient beds, and a cath lab available 24/7. It also includes a diagnostic imaging department offering vascular, MRI and CT services, and performs a lot of electrophysiology procedures.

“I cannot imagine my practice without MAC 2000 and MUSE, it has changed the way we do cardiology.”

Dr. Giovanni Bisignani,
manager director cardiology OUC
and CCU-hemodynamic-telecardiology,
Castrovillari Hospital-ASP Cosenza

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