

Managed services for Defibrillator Monitoring



With increasing awareness of indications for pacemakers (PMs) and especially implantable cardioverter defibrillators (ICDs), the number of patients with implantable devices has been growing steadily. Patients with a PM should be followed-up every 3–12 months, and those with an ICD every 3–6 months, with more frequent follow-ups as the battery approaches elective replacement. It is now possible to carry out follow-up remotely, thereby increasing efficiency and reducing costs. The devices are equipped with wireless capabilities that communicate automatically with home transmitters, which then relay data to the physician, thereby allowing remote patient follow-up and monitoring.

With Pacific Controls Managed Service, data can be acquired from transmitters with regular interval for analysis perspective as well as unscheduled transmission of any pre-defined alerts to the physician can be generated, if certain indicators are outside or norms. These alerts may involve device integrity (e.g. battery status, lead impedance), programming issues (e.g. disabling of ventricular fibrillation therapy, insufficient safety margins for sensing or capture), or medical data (e.g. arrhythmias, indication of lung fluid accumulation). Therefore, Pacific Controls' remote

monitoring has the potential to offer improved patient safety and enhanced quality of care. Remote monitoring and follow-up are likely to become the standard of care for patients with PMs and ICDs, as they have the potential to improved patient safety while reducing costs and enhancing efficiencies.

Key Benefits

- Enhanced Patient Safety
- Reduction of in-clinic visits
- Increased patient satisfaction
- Potential cost savings for healthcare providers
- Useful data for analysis and remote diagnostics
- Enhanced efficiency in delivery of healthcare services

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