

Alberta's Strategic Clinical Networks

PERFORM

(Performance Evaluation & Rhythm Follow-up Optimization with Remote Monitoring)

The Goal

PERFORM is a project to improve the efficiency and effectiveness of services for cardiac implantable electric devices in Alberta.

The Process

The project will:

- Improve the appropriateness of complex device implantation through physician education, better evaluation of possible candidates and feedback to referring physicians.
- Establish a database and links to existing data sources to track outcomes of patients who have had cardiac devices implanted.
- Implement remote monitoring of patients provincially to better meet patient needs and improve system efficiencies.
- Study a new approach to monitoring heart rhythm following a stroke to explore rhythm-related causes of stroke.



PERFORM has the potential to improve patient outcomes and make care more accessible and efficient.

The Outcome

The PERFORM project is entering its second year of a three-year term. Early successes have included:

- Implemented remote monitoring in Edmonton Zone and the southern half of Alberta.
- Implemented a provincial referral form for complex cardiac devices to collect common information on appropriateness.
- Successfully launched a new portion of the APPROACH database, an online registry that tracks the outcomes of Albertan cardiac patients. The new addition to the database offers data regarding cardiac devices such as pacemakers, and select health providers have been trained in its use.

The Team

This project is funded by a PRIHS (Partnerships in Research and Innovation in the Health System) grant and the pan-provincial team of investigators is led by Dr. Derek Exner and supported by the Cardiovascular Health and Stroke Strategic Clinical Network.