



UNION JOB DESCRIPTION

JD3926

JOB TITLE:	Cardiac Rhythm Device Technologist	JOB DESCRIPTION NO.:	60558
CLASSIFICATION:	Cardiac Rhythm Device Technologist P2A	GRID/PAY LEVEL:	H-B-P2A
COLLECTIVE AGREEMENT:	Health Science Professionals	HSCIS NO.:	62902
UNION:	HSA	JOB/CLASS CODE:	62902
PROGRAM/DEPARTMENT:	Heart Health	BENCHMARKS (If Applicable):	
REPORTING TO:	Manager or designate		
FACILITY/SITE:	Royal Jubilee Hospital; Nanaimo Regional General Hospital		

JOB SUMMARY:

In accordance with the Vision, Purpose, and Values, and strategic direction of Island Health (Vancouver Island Health Authority), patient and staff safety is a priority and a responsibility shared by everyone; as such, the requirement to continuously improve quality and safety is inherent in all aspects of this position.

Reporting to the Manager or designate, and as a member of a multidisciplinary health care team, the Cardiac Rhythm Device Technologist practices in accordance with the established standards of professional practice to facilitate optimal clinical effectiveness of implanted arrhythmia management devices through the application of technical knowledge and skills to evaluate and manage device function. May aid with device analysis for cardiac implantable electronic device patients in the inpatient (OR/EPL) as required during device implantation, including assisting the physician during implant procedures and programming individual devices at correct values during implant and in the outpatient setting (Device Clinic). Provides interpretations, analyses and test/summary reports as required.

Holds a valid BC driver's license, as local area travel may require the use of a personal vehicle where mileage reimbursement is applicable.

TYPICAL DUTIES AND RESPONSIBILITIES:

1. Facilitates optimal clinical effectiveness of implanted arrhythmia management devices through the application of technical knowledge and skills to evaluate and manage device function
2. Performs a variety of tests such as determining capture and sensing thresholds of implanted leads, and making mathematical calculations to determine optimum safety values of arrhythmia devices, in order to assess device function. Provides urgent and/or unplanned arrhythmia device services (including interrogation analysis and programming changes) to various areas of the hospital including acute care, critical care and MRI department.
3. As required, performs arrhythmia device analyses and programming in the OR or Electrophysiology Lab, including assisting the physician during implant procedures, and setting individual device to correct values during or post implant.
4. Assists with other arrhythmia device and implant duties in the clinic, OR and Electrophysiology Lab, related to patient care under the direction of the RN and in collaboration with the team.
5. As part of the follow-up care and patient management, performs device analysis for cardiac implantable electronic device patients, including interrogation and programming.
6. Participates in the care, management and follow-up of remote monitoring transmissions as well as arrhythmia device advisories and recalls in collaboration with the team and as per organizational policy

7. Reviews and maintains records relevant to patient history, vital signs and device details.
8. Responds to queries from various internal and external sources regarding device functions and their manifestation in patients and various recordings.
9. Participates in the development and review of standards, procedures and educational material relevant to the Heart Rhythm program. Collaborates with the team on educational initiatives for patients and staff.
10. Participates in the review, evaluation and selection of devices and provides implant recommendations.
11. Acts as a resource to physicians and other health providers relevant to device functions by providing information, demonstrating appropriate use of equipment, and troubleshooting device functions. Advises the relevant supervisor in a timely manner of misuse of equipment.
12. Ensures equipment for scheduled procedure is available and that all equipment within the area of assigned responsibility is operating within the limits of quality control. Notifies operators of equipment problems or malfunctions and works with colleagues to find solutions. Collaborates with Biomedical Engineering and/or manufacturer as required.
13. Monitors cardiac devices and notifies cardiologist of abnormalities; contacts patients by telephone for repeat recordings as required. Notifies appropriate health care provider of any abnormalities according to established policies and procedures.
14. Documents information including patient assessment, device interrogation, analysis and programming changes as per organizational policy.
15. Participates in research projects and quality improvement initiatives as required.
16. Participates in the instruction/orientation of staff and/or students by assisting with departmental orientations, in-service presentations, demonstrating procedures and answering questions, as required
17. Performs other related duties as assigned.

QUALIFICATIONS:

Education, Training And Experience

Completion of a recognized Cardiology Technologist program including completed coursework in cardiac rhythm device technology and two (2) years' recent related experience or an equivalent combination of education, training and experience. Eligible for membership with the Canadian Society of Cardiology Technologists (CSCT). Eligible for International Board of Heart Rhythm Examiners (IBHRE) certification as a Certified Cardiac Device Specialist (CCD) within two years of hire.

Skills And Abilities

- Demonstrated knowledge of current relevant techniques, methods and procedures.
- Demonstrated ability to integrate and evaluate pertinent data from multiple sources and to problem-solve and make decisions effectively.
- Ability to integrate best practice and current research evidence to support professional practice decisions and actions.
- Demonstrated ability to communicate and deal effectively with patients/residents, families, staff and other health care providers both verbally and in writing.
- Ability to manage competing priorities, prioritize workload, and complete assigned work.
- Ability to demonstrate and explain procedures to other employees and students.
- Demonstrated ability to work collaboratively as a member of a team and to offer and seek advice as necessary.
- Ability to operate equipment, including computerized systems.
- Knowledge of other health care disciplines and their role in health care.

- Physical ability to carry out the duties of the position.