



CARDIAC ECHO TECHNOLOGIST JOB DESCRIPTION

Job Summary:

A Cardiac Echo Technologist treats and diagnoses patients by using ultrasound equipment and other noninvasive echocardiography testing equipment. Cardiac Echo Technicians study a patient's image and look for any abnormalities in that image. They work closely with both physicians and patients to diagnose a variety of cardiovascular diseases, illnesses and disorders.

Qualifications:

- Education: Completion of a two year approved School of Cardiovascular Technology
- Experience: One year full time experience as a CT Scan Technician
- Licensure: Valid state radiology registration as required by state law
- Certification: Registered by American Registry of Diagnostic Medical Sonographers (ARDMS), or CCI, Current CPR/BLS Certification

Duties and Responsibilities

A Cardiac Echo Technologist is expected to practice safe procedures and adheres to radiation safety measures under the supervision of the Cardiac supervisor or the Cardiologist. Specific duties may include but are not limited to:

- Performs diagnostic cardiovascular and echocardiography examinations according to the department procedures.
- Locates and records internal elements of the body, including blood vessels and organs, and identifies any anomalies indicative of disease, injury, or other medically significant condition.
- Performs imaging and non-imaging cardiovascular evaluations, including exercise tolerance tests, Holter monitoring, event recorders, electrocardiograms, stress tests, and trans esophageal echocardiography.
- Adjusts equipment and calms patient to eliminate test artifacts. Instructs patients in pretest preparation, answers questions and explains procedures.
- Monitors the patient for potentially dangerous physical and emotional changes. Recognizes abnormal rhythms and immediately notifies physician.
- Evaluates test results for clarity and accuracy. Informs the physician of preliminary findings as requested, and according to department procedures. Distributes completed test results to physicians and service providers.
- Maintains patient charts, enters diagnosis, and billing codes, logs data into patient information systems, and updates file systems for tests performed.
- Cleans and sterilizes equipment and workspace. Recognizes equipment malfunctions and readjusts equipment or refers for repair.
- Follow infection control and safety guidelines

Essential Functions:

- Knowledge of diagnostic ultrasound equipment
- Knowledge of venous and arterial anatomy and disease process

- Knowledge of vascular examination protocols and patient preparation for evaluation
- Knowledge of cardiac defibrillator, Holter monitor equipment, event recorders and other medical electronics and stress testing equipment
- Skilled in monitoring patient responses and operating defibrillator equipment
- Skilled in performing vascular and echocardiogram ultrasound testing procedures
- Skilled in assessing and prioritizing multiple tasks, projects and demands
- Skilled in operating a personal computer utilizing a variety of software applications
- Ability to communicate effectively both verbally and in writing
- Participates in continuing education and learning experiences to enhance and maintain current knowledge and skills for continued competence
- Ability to work as a team member
- Attention to detail
- Perform all duties using proper body mechanics.
- Frequently move/lift between 50-100 pounds, depending on assignment requirements
- Stand for long periods with frequent squatting, twisting, bending, kneeling and reaching to prepare equipment, materials or objects in order to provide patient care or maintain the patient environment
- Manual dexterity and fine motor coordination
- Ability to work in a stressful environment
- Ability to follow directions/instructions from his/her supervisor.
- Consistent attendance is required to assure that the client facilities' needs and patient needs are met.
- To comply with all client facilities' policies, procedures and practices

Working Conditions:

A Cardiac Echo Technologist must understand and accept the possibility of exposure to inside environmental conditions, such as radiation, noise, infectious/communicable diseases, blood and bloodborne diseases, chemicals and/or chemical fumes, odors, gases and dusts. Frequent exposures to distressed patients, families or visitors.
