



Job Code: 7671

Grade: 18

HCWR: N

Job Title

Cardiac Sonographer I

Department

Medicine

Job Summary

The Cardiac Sonographer I performs transthoracic echocardiograms as well as obtains images for transesophageal (TEE) and stress echocardiograms and prepares patient records for review and interpretation by the physician in accordance with Intersocietal Accreditation Commission (IAC) accreditation and national standards.

Typical Duties

- Provides interpreting physician, through the noninvasive diagnostic imaging techniques of echocardiography, a complete and accurate documentation of cardiac anatomy and cardiac performance for adult patients.
- Performs routine, complex, and emergency echocardiograms, including but not limited to 2D and 3D transthoracic echocardiograms, stress (exercise and dobutamine) echocardiograms, and transesophageal echocardiograms, as requested by physician, and in accordance with standard practices.
- Performs routine and complex cardiovascular diagnostic studies such as stress testing, tilt table, and Holter monitoring as requested by physician and in accordance with standard practices.
- Performs routine and emergency electrocardiograms (ECG), as requested by physician and in accordance with standard practices.
- Acquires measurements and performs tracings of Doppler signals in order to aid in physician in interpretation of echocardiographic images.
- Produces work in an efficient manner that meets divisional productivity standards.
- Administers IV contrast and agitated saline as needed for echocardiographic studies.
- Inserts and removes IV line for IV contrast and agitated saline administration, after undergoing adequate training.
- Analyzes patient's medical records to obtain history of symptoms and necessary information for performance of diagnostic procedures.
- Prepares patient records for review and interpretation by physician, including the selection, recording, cross-referencing of significant or representative studies.
- Maintains confidentiality of patients and employees.
- Participates in quality improvement activities by evaluating procedure results for technical quality and accuracy and maintains an appropriate logs, files, and records.
- Works in accordance with and maintains IAC accreditation standards in the echocardiography laboratory.
- Maintains equipment in working order, making minor adjustments and repairs, performing routine cleaning and preventative maintenance; reports equipment malfunction to department supervisor.
- Maintains all necessary supplies, including ordering and stocking.
- Performs as a member of the cardiac arrest team; assists in emergency situations by initiating and/or assisting in emergency procedures prescribed by hospital policies.



Typical Duties

- Works overtime when the workload and/or patient scheduling require extended hours of operation, including nights, weekends and holidays.
- Demonstrates compliance with institutional, regulatory and legal requirements.
- Carries a pager during business hours and takes call for STAT or emergency studies after hours including nights, weekends and holidays, on a rotation-basis, for a rate set according to the CBA agreement.
- Covers diagnostic cardiac testing at other CCHHS sites when necessary.
- Performs other related duties within the realm of diagnostic cardiac testing, as assigned.

Minimum Qualifications

- High School diploma or GED equivalent
- Graduate of an accredited echocardiography/cardiac ultrasound program OR Two (2) years of experience as a full-time Cardiac Sonographer
- Must possess an accepted Cardiac Sonography credential OR if within twelve (12) months of graduation from an accredited program for echocardiography/cardiac ultrasound, must be eligible to take an accepted Cardiac Sonography credential board exam and pass. An accepted Cardiac Sonography credential is one (1) of the following:
- Registered Diagnostic Cardiac Sonographer (RDCS) credential in Adult Echocardiography (AE) from the American Registry for Diagnostic Medical Sonography (ARDMS)
- Registered Cardiac Sonographer (RCS) credential from Cardiovascular Credentialing International (CCI)
- Advanced Cardiac Sonographer (ACS) credential from CCI
- Must be able to travel to work sites throughout CCHHS, when needed
- Current Basic Life Support (BLS) certification

Preferred Qualifications

- Bachelor's degree from an accredited college or university

Knowledge, Skills, Abilities and Other Characteristics

- Knowledge of stress echocardiograms, transesophageal echocardiograms, tilt table, Holter monitoring, and stress testing.
- Ability to make patient care decisions in accordance with level of training and experience, and with applicable hospital policies and procedures.
- Demonstrates sensitivity and respect in caring for patients and in dealing with clients of diverse backgrounds.
- Ability to communicate effectively with others on technical and other matters.
- Good attention to detail and ability to prepare and deliver accurate and informative written and verbal reports as necessary.
- Ability to follow written and verbal instruction from other staff and supervisors, as well as read and accurately interpret written procedures included in department manuals and professional literature.



Physical and Environmental Demands

This position is functioning within a healthcare environment. The incumbent is responsible for adherence to all hospital and department specific safety requirements. This includes but is not limited to the following policies and procedures: complying with Personal Protective Equipment requirements, hand washing and sanitizing practices, complying with department specific engineering and work practice controls and any other work area safety precautions as specified by hospital wide policy and departmental procedures.

The above statements are intended to describe the general nature and level of work being performed by people assigned to this classification. They are not intended to be construed as an exhaustive list of all responsibilities, duties and skills required of the personnel so classified.

For purposes of the American with Disabilities Act, “Typical Duties” are essential job functions.