



DIVISION SCOPE OF SERVICE

Division: NORTH TEXAS
DHP Classification: CARDIOVASCULAR TECHNOLOGIST (CARDIAC TECH/CV TECH) – NON-INVASIVE
Name of Dependent Healthcare Professional (DHP):

<p>Cardiovascular Technologist and Technician (Cardiac Tech / CV Tech) Non-Invasive: The Non-Invasive Cardiovascular Technologist (DHP) must have equivalent qualifications and competence as employed individuals performing the same or similar services at the facility.</p>
<p>Definition of Care or Service: Assists physicians in the diagnosis and treatment of cardiac and peripheral vascular disease via non-invasive techniques. Scope of Service may include:</p> <ul style="list-style-type: none"> • Assists with non-invasive studies such as EKG, stress testing, holter monitor, and Doppler study, TEE, TTE. <ul style="list-style-type: none"> ○ NOTE: Technologist involved in the performance of echocardiogram or vascular ultrasound must comply with Medical Sonographer Scope of Service. • Explains the procedure to the patient and family. • Obtains and records a patient medical history relevant to the condition being studied <ul style="list-style-type: none"> ○ Reviews the patient medical record and consent form for procedure. • Positions the patient for the exam as ordered by M.D. • Utilizes non-invasive cardiac equipment to perform diagnostic examination <ul style="list-style-type: none"> ○ Selects and stores data on appropriate image DMS. ○ Performs preliminary analysis of noninvasive cardiology data ○ Adjusts, maintains and cleans non-invasive cardiac equipment (trouble shooting). • Maintains and secures patient data and records • Documents the procedure in the medical record (if invasive probe involved, document in medical record.) • Demonstrates Clinical and Service excellence behaviors to include code of HCA conduct core fundamentals in daily interactions with patients, families, co-workers and physicians • Maintains confidentiality and privacy in accordance with HIPAA regulations
<p>Setting(s):</p> <ul style="list-style-type: none"> • Healthcare facilities including but not limited to hospitals, outpatient treatment facilities, imaging centers, and physician practices • Non-invasive procedures may occur in the patient’s room • Mobile imaging centers
<p>Supervision:</p> <ul style="list-style-type: none"> • Direct supervision by department director, site manager or designee <ul style="list-style-type: none"> ○ Indirect supervision by physician or other licensed independent practitioner that defines the final patients’ study results • Supervision is defined by any limitations in practice that may be addressed by state law <p>Evaluator: Department Director or designee in conjunction with supervising physician or licensed independent practitioner</p>
<p>Qualifications:</p> <ul style="list-style-type: none"> • Completion of an appropriate cardiovascular technician training program including: <ul style="list-style-type: none"> ○ Allied Health Professional Training with one year of specialty training (minimum) ○ Associates Degree or higher in Echo or Vascular Technology or equivalent field of study • Credentialed by the Cardiovascular Credentialing International (CCI) or the American Registry of Diagnostic Medical Sonographers (ARDMS) • BLS



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Experience:

The Echo and Vascular Technologist provides documentation that they have performed at least 100** non-invasive diagnostic studies associated with their specific scope of service that were validated for quality and accuracy of results within the last 12 months

** Note: Facility should establish a minimum experience standard

Competencies:

The Cardiovascular Technologist will demonstrate:

- Safe and effective operation of non-invasive cardiac equipment
 - Consistently obtains quality diagnostic outputs
 - Maintains equipment in good working order/troubleshooting
 - Demonstrates effective infection control practices related to equipment operation
- Accurate patient information review and evaluation
 - Uses at least two ways to identify patients before treating or performing a procedure
 - Verifies that the requested procedure correlates with the patient’s clinical history, presentation and physician order
 - Participates in the pre-procedure process (Universal Protocol) verifying the correct procedure, for the correct patient, at the correct site and involves the patient in the verification process when possible.
 - Accesses the patient medical record appropriately
 - Documents in the medical record according to the facility standard / policy, regulatory and core measure guidelines.
- Appropriate diagnostic examination results
 - Performs the non-invasive study to comply with applicable protocols and guidelines
 - Utilizes non-invasive study technique as indicated by the examination, according to established facility policy and procedures under state law
 - Notifies the appropriate health provider when immediate treatment is necessary, based on procedural findings and patient conditions
 - Recognizes the need for an urgent report and takes appropriate action
 - Provides a written or oral summary of preliminary findings to the physician
- Infection Prevention
 - Practices consistent hand hygiene
 - Uses personal protective equipment (PPE)
 - Maintains current immunization for influenza
 - Complies with Isolation precautions
 - Current PPD in hospital based new hire checklist.

References:

US Department of Labor. (2011). Cardiovascular Technologist and Technician. Occupational Information Network (O*NET); Retrieved from <http://www.bls.gov/ooh/ocos100.htm>.

HCPPro. (2003, May). Clinical Privilege White Paper: Cardiovascular technologist. Retrieved from www.credentialingresourcecenter.com on October 26, 2011.

DHP Printed Name: _____ **DHP Signature:** _____

Company/Vendor: _____ **Date:** _____



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