



# DIVISION SCOPE OF SERVICE

<b>Division: GULF COAST</b>
<b>DHP Classification: CARDIOVASCULAR TECHNOLOGIST (CARDIAC TECH/CV TECH) – NON-INVASIVE</b>
<b>Name of Dependent Healthcare Professional (DHP):</b>

**Cardiovascular Technologist (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.

**Definition of Care or Service:**  
 TAssists physicians in the diagnosis and treatment of cardiac and peripheral vascular disease via non-invasive techniques. Scope of Service may include:

- Assists with non-invasive studies such as EKG, stress testing, holter monitor, and Doppler study
  - **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
- Obtains and records a patient medical history relevant to the condition being studied
  - Reviews the patient medical record
- Positions the patient for the exam
- Utilizes non-invasive cardiac equipment to perform diagnostic examination
  - Selects and stores data
  - Performs preliminary analysis of noninvasive cardiology data
  - Adjusts, maintains and cleans non-invasive cardiac equipment
- Maintains and secures patient data and records
- Documents the procedure in the 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

**Setting(s):**

- 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

**Supervision:**

- Direct supervision by department director, site manager or designee
  - 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

**Evaluator:** Department director or designee in conjunction with supervising physician or licensed independent practitioner

**Qualifications:**

- Completion of an appropriate cardiovascular technician training program including:
  - Allied Health Professional Training with one year of specialty training (minimum)
  - Associates Degree or higher in Cardiovascular Technology or equivalent field of study
- Credentialed by the Cardiovascular Credentialing International (CCI) or the American Registry of Diagnostic Medical Sonographers (ARDMS)

**State Requirements:**

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**Experience:**

The Cardiovascular Technologist provides documentation that they have performed at least 25 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

**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
  - 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 preprocedure process to verify 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
- 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

**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](http://www.credentialingresourcecenter.com) on October 26, 2011.

DHP Printed Name: \_\_\_\_\_ DHP Signature: \_\_\_\_\_

Company/Vendor: \_\_\_\_\_ Date: \_\_\_\_\_