



DIVISION SCOPE OF SERVICE

Division: GULF COAST
DHP Classification: CARDIOVASCULAR TECHNOLOGIST-INVASIVE
Name of Dependent Healthcare Professional (DHP):

Cardiovascular Technologist and Technician (Cardiac Tech / CV Tech) Invasive:
 The 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:
 Assists physicians in diagnosing and treating cardiac and peripheral vascular disease and assists with invasive procedures. Scope of Service may include:

- Performs diagnostic exams to obtain sufficient and valid data
- Assists with Invasive procedures such as cardiac catheterization, balloon angioplasty or electrophysiology
 - Primary functions during invasive procedures include:
 - Scrub Assistant
 - Operation of imaging equipment
 - Circulating during the procedure
 - Patient monitoring and procedure documentation
- Reviews and records patient history and supporting clinical data
- Performs diagnostic and therapeutic examinations
- Performs diagnostic and therapeutic services
- Collects and prepares diagnostic test data for review by a physician
- Records selective vessel and heart chamber pressures
- Performs cardiac output studies
- Prepares, calibrates and operates monitoring instrumentation utilized for determining the presence and extent of cardiovascular abnormalities in diagnostic laboratory or operating room setting.
- Prepares patient for procedure
- Educates patients and families about cardiac and peripheral vascular disease and procedures
- 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
- Electrophysiology Lab, Cardiovascular Lab

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
- Current certification as RCIS (Registered Cardiovascular Invasive Specialist)



DIVISION SCOPE OF SERVICE

State Requirements:

-

Experience

The Cardiovascular Technologist provides documentation that they have assisted with at least 25 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

Competency statements include:

- Safe and effective operation of invasive cardiac equipment and products
 - Obtains quality diagnostic outputs consistently
 - Maintains equipment in good working order
 - Demonstrates effective infection control practices related to equipment operation and procedure preparation
- 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
 - Participates in a time-out immediately before the start of an invasive procedure or making of the incision.
 - Accesses the patient medical record appropriately
 - Documents in the medical record according to the facility standard / policy
- Diagnostic Examination/Clinical Procedure performance
 - Performs invasive diagnostic and clinical procedures under direct physician supervision according to facility standard/policy
 - Performs physiologic monitoring including electrocardiac monitoring, wave form interpretation and intracardiac pressure monitoring correctly
 - Labels containers used for blood and specimens in the presence of the patient
 - Labels all medications and solutions on and off the sterile field in perioperative and procedural settings
 - Documents in medical record according to the facility standard/policy
- Collaborates and communicates effectively with patient, significant other and care team

References:

US Department of Labor (2011). Cardiovascular Technologist and Technician. Occupational Information Network (O*NET); Retrieved from <http://www.bls.gov/ooh100.htm>.
 HcPro. (2003, May). Clinical Privilege White Paper: Cardiovascular technologist. Retrieved from www.credentialingresourcecenter.com
 Society of Invasive Cardiovascular Professional. Retrieved from www.SICP.org

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

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