



DIVISION SCOPE OF SERVICE

Division: SAN ANTONIO
Classification: INVASIVE CARDIOVASCULAR TECHNOLOGIST (CARDIAC TECH/CV TECH)
Applicant Name:

<p>Invasive Cardiovascular Technologist (Cardiac Tech/CV Tech): The Invasive Cardiovascular Technologist must have equivalent qualifications, competence and function in the same role as employed individuals performing the same or similar services at the facility, as defined by facility job description.</p>
<p>Definition of Care or Service: The Invasive Cardiovascular Technologist, through the utilization of specialized equipment and under the direct supervision of a qualified physician, assists with procedures on patients to achieve accurate diagnosis and/or optimal treatment of congenital or acquired heart disease while maintaining maximum patient safety and comfort. Scope of Service may include:</p> <ul style="list-style-type: none">• Demonstrates advanced technical proficiency for all Cardiovascular Lab procedures while functioning as the cardiovascular technician, hemodynamic recorder or circulator.• Assures quality patient care through coordination of patient care with other members of the MHS patient care team.• Cardiovascular lab professionals must be proficient in the operation and maintenance, as specified by the manufacturer, of all diagnostic and therapeutic equipment used for procedures in the areas which they practice.• Assures that angiographic & procedural data is properly archived for long-term storage.• Works in accordance with MHS policies, procedures, Society of Invasive Cardiovascular Professionals standards, related laws, and regulations.• Practices radiation safety and observes all principles of ALARA.• Demonstrates Clinical and Service excellence behaviors to include code of HCA Healthcare conduct core fundamentals in daily interactions with patients, families, co-workers and physicians.
<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• Electrophysiology Lab, Cardiovascular Lab
<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 <p>Evaluator: Department director or designee in conjunction with supervising physician or Licensed Independent Practitioner</p> <p>Tier Level: 2</p> <p>eSAF Access Required: YES</p>
<p>Qualifications:</p> <ul style="list-style-type: none">• Associates Degree or higher in Cardiovascular Technology



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- Completion of a Cardiovascular Technician training program including:
 - Allied Health Professional Training with one year of specialty training (Found on Letter of Compliance)
- Current certification as RCIS (Registered Cardiovascular Invasive Specialist) through Cardiovascular Credentialing International (CCI)
- American Heart Association or Red Cross health care provider BLS Certification

NOTE: Where education may not be defined in qualifications area of the Scope, HCA Healthcare requires the highest level of education completed (not training or courses) confirmed on your background check.

State Requirements:

- N/A

Experience:

- Minimum of 2 years recent experience performing all aspects of cardiovascular lab procedures

Competencies:

The Invasive Cardiovascular Technologist competency statements include:

- Appropriately handle, pick up or deliver non-controlled medications as directed by a licensed team member.
- Follows MHS policy for verification and labeling of medications in operative and procedural areas
- Accurate patient information review and evaluation
- Physiologic monitoring
 - Recognizes all electrocardiography rhythms
 - Recognizes cardiac ischemia, injury, & infarction patterns
 - Properly sets up & calibrates pressure transducer
 - Properly identify, label, sample & interpret intracardiac & vascular pressure waveforms
 - Right & left heart pressures, arterial pressures
 - Valvular & vascular pressure gradients
 - Pericardial disease
 - CHF
 - HOCM
- Maintains adequate technical knowledge in all aspects of
 - Diagnostic cardiac catheterization
 - Peripheral Angiography
 - PTCA, Stent implantation
 - Aspiration/Extraction devices
 - Distal Embolization Protection devices, PTA & Peripheral Stent implantation
 - Vascular Closure devices
 - Intra-Aortic Balloon Pump
 - Temporary Transvenous Pacing
 - Implantable Defibrillators/ Pacemakers
 - Cardioversion
 - Radiofrequency Ablation
 - Diagnostic EP studies
 - Intracardiac Mapping & intervention
 - Lead Extraction
- Consistently correctly operate & apply all applicable safety precautions when using radiologic



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equipment.

- Observes all ALARA principles
 - Consistently practices radiation safety
- Equipment
 - Obtains quality diagnostic outputs consistently
 - Possesses an advanced working knowledge about operation of all equipment used for cardiovascular lab procedures
 - Checks equipment prior to use to ensure proper working order
 - Reports any malfunctioning equipment immediately to appropriate MHS Healthcare personnel
 - Knowledgeable about basic troubleshooting of vascular lab equipment used
- Infection Prevention
 - Practices consistent hand hygiene
 - Uses personal protective equipment (PPE)
 - Required immunizations per DHP Division requirements
 - 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/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

ARRT: <https://www.arrrt.org/verify-credentials>

CCI: http://cci-online.org/CCI/Verify/CCI/Credential_Verification.aspx?hkey=889c2b4a-88a5-46f0-b2c5-4cea6a341204

Texas Medical Board: <http://www.tmb.state.tx.us/page/licensing-full-medical-radiologic-technologist>

Your signature confirms you will be able to comply with the Qualifications and Competencies listed within this Scope of Service and that you will confirm education via your background check.

Applicant Printed Name: _____

Signature: _____

Date: _____