



# DIVISION SCOPE OF SERVICE

<b>Division: MIDAMERICA</b>
<b>Classification: INVASIVE CARDIOVASCULAR TECHNOLOGIST</b>
<b>Applicant Name:</b>

<p><b>Cardiovascular Technologist and Technician (Cardiac Tech / CV Tech) Invasive:</b> The Invasive Cardiovascular Technologist must have equivalent qualifications and competence as employed individuals performing the same or similar services at the facility.</p> <p><b>Definition of Care or Service:</b> Invasive Cardiovascular Technologist assists physicians in diagnosing and treating cardiac and peripheral vascular disease and assists with invasive procedures. Scope of Service may include:</p> <ul style="list-style-type: none"> <li>• Performs diagnostic exams to obtain sufficient and valid data</li> <li>• Assists with Invasive procedures such as cardiac catheterization, balloon angioplasty or electrophysiology <ul style="list-style-type: none"> <li>○ Primary functions during invasive procedures include: <ul style="list-style-type: none"> <li>▪ Scrub Assistant</li> <li>▪ Operation of imaging equipment</li> <li>▪ Circulating during the procedure</li> <li>▪ Patient monitoring and procedure documentation</li> </ul> </li> </ul> </li> <li>• Reviews and records patient history and supporting clinical data</li> <li>• Performs diagnostic and therapeutic examinations</li> <li>• Performs diagnostic and therapeutic services</li> <li>• Collects and prepares diagnostic test data for review by a physician</li> <li>• Records selective vessel and heart chamber pressures</li> <li>• Performs cardiac output studies</li> <li>• Prepares, calibrates and operates monitoring instrumentation utilized for determining the presence and extent of cardiovascular abnormalities in diagnostic laboratory or operating room setting.</li> <li>• Prepares patient for procedure</li> <li>• Educates patients and families about cardiac and peripheral vascular disease and procedures</li> <li>• 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</li> </ul>
<p><b>Setting(s)</b></p> <ul style="list-style-type: none"> <li>• Healthcare facilities including but not limited to hospitals, outpatient treatment facilities, imaging centers, and physician practices</li> <li>• Electrophysiology Lab, Cardiovascular Lab</li> </ul>
<p><b>Supervision:</b></p> <ul style="list-style-type: none"> <li>• Direct supervision by department director, site manager or designee <ul style="list-style-type: none"> <li>○ Indirect supervision by physician or other licensed independent practitioner that defines the final patients' study results</li> </ul> </li> <li>• Supervision is defined by any limitations in practice that may be addressed by state law</li> </ul> <p><b>Evaluator:</b> Department director or designee in conjunction with supervising physician or licensed independent practitioner</p>
<p><b>Tier Level: 2</b></p>



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**eSAF Access Required: YES**

**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) through Cardiovascular Credentialing International (CCI)

**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**

The Invasive 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

\*\* Note: Facility should establish a minimum experience standard

**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



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- 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](http://www.credentialingresourcecenter.com)

CCI: [http://cci-online.org/CCI/Verify/CCI/Credential\\_Verification.aspx?hkey=889c2b4a-88a5-46f0-b2c5-4cea6a341204](http://cci-online.org/CCI/Verify/CCI/Credential_Verification.aspx?hkey=889c2b4a-88a5-46f0-b2c5-4cea6a341204)

Society of Invasive Cardiovascular Professional. Retrieved from [www.SICP.org](http://www.SICP.org)

**Document Control:**

- Previously named Cardiovascular Tech - Invasive
- Content updates 12/29/2016
- Cosmetic updates 4/27/2020

**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:** \_\_\_\_\_