



DIVISION SCOPE OF SERVICE

Division: CAPITAL
Classification: NON-INVASIVE CARDIOVASCULAR TECHNOLOGIST
Applicant Name:

<p>Non-Invasive Cardiovascular Technologist: The Non-Invasive Cardiovascular Technologist 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: The Non-Invasive Cardiovascular Technologist 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 <ul style="list-style-type: none"> ○ EKG ○ Stress testing ○ Holter monitor ○ Doppler study • Record and/or perform non-invasive cardiovascular studies <ul style="list-style-type: none"> ○ Adult <ul style="list-style-type: none"> ▪ Echocardiography ▪ TEE ▪ Stress Echocardiography ○ Pediatrics <ul style="list-style-type: none"> ▪ Echocardiography ▪ TEE ○ Fetal <ul style="list-style-type: none"> ▪ Cardiac Ultrasound • Record data and perform preliminary analysis of non-invasive peripheral vascular data in studies such as: <ul style="list-style-type: none"> ○ Vascular ultrasound ○ Doppler ultrasound ○ Thermography ○ Plethysmography • Explains the procedure to the patient • Obtains and records a patient medical history relevant to the condition being studied <ul style="list-style-type: none"> ○ Reviews the patient medical record • Positions the patient for the exam • Utilizes non-invasive cardiac equipment to perform diagnostic examination <ul style="list-style-type: none"> ○ 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 Healthcare conduct core fundamentals in daily interactions with patients, families, co-workers and physicians <p>NOTE: Technologist involved in the performance of echocardiogram or vascular ultrasound must comply with Diagnostic Medical Sonographer Scope of Service.</p>



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<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 <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 or equivalent field of study • 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) • Credentialed by one of the below: <ul style="list-style-type: none"> ○ Cardiovascular Credentialing International (CCI) ○ American Registry of Diagnostic Medical Sonographers (ARDMS) • American Heart Association or Red Cross health care provider BLS Certification <p>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.</p>
<p>State Requirements:</p> <ul style="list-style-type: none"> • N/A
<p>Experience:</p> <ul style="list-style-type: none"> • 1 year experience as a Cardiovascular Technologist
<p>Competencies:</p> <p>The Non-Invasive Cardiovascular Technologist will demonstrate:</p> <ul style="list-style-type: none"> • Safe and effective operation of non-invasive cardiac equipment <ul style="list-style-type: none"> ○ 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 <ul style="list-style-type: none"> ○ 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 <ul style="list-style-type: none"> ○ Performs the non-invasive study to comply with applicable protocols and guidelines



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- 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) when required
 - Required immunizations per Division requirements
 - Complies with Isolation precautions
 - Maintains sterile field

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.

ARDMS: <https://www.ardms.org/maintain-certification/registrant-support/statusverification/>

CCI: <http://cci-online.org/CCI/Credentials/CCI/Content/Credentials.aspx?hkey=8770022b-951e-4b38-aa50-c2920ea6a7d6>

Document Control:

- Created 4/13/2020
- Previously named Cardiovascular Tech - Noninvasive
- Cosmetic updates 5/1/2020

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: _____