



## DIVISION SCOPE OF SERVICE

<b>Division: MIDAMERICA</b>
<b>Classification: CERTIFIED NUCLEAR MEDICINE TECHNOLOGIST</b>
<b>Applicant Name:</b>

<p><b>Certified Nuclear Medicine Technologist:</b> The Certified Nuclear Medicine 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><b>Definition of Care or Service:</b> The Certified Nuclear Medicine Technologist is responsible for providing timely diagnostic and therapeutic services to both inpatient and outpatients under the direction of a Radiologist and departmental protocols. These duties are performed in accordance with the facilities policies and procedures. Scope of service may include:</p> <ul style="list-style-type: none"> <li>• Patient/family teaching including radiation safety precautions</li> <li>• Manages and administers a variety of nuclear isotopes for the purpose of scanning for and detecting pathology</li> <li>• Operating a gamma scintillation camera, or scanner, which creates pictures of the drug as it passes through parts of the patient's body and monitors the concentration levels of the drugs</li> <li>• Oversees quality program in regulating, maintaining and calibration of equipment used</li> <li>• Collects and interprets all available patient data – to meet the identified patient care goals for a patient in Nuclear Med</li> <li>• Understands best methods to achieve optimal results in the form of films, radiographs, films and isotope dosages</li> <li>• Recognizes indications, contraindications and precautions for Nuclear Med patients</li> <li>• Use of specialized equipment and devices used in the Nuclear Med Department including designated equipment in resuscitation efforts</li> <li>• Develops treatment procedure plans for nuclear medicine treatment programs</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>• Hospitals, inpatient and outpatients</li> </ul>
<p><b>Supervision:</b></p> <ul style="list-style-type: none"> <li>• Works directly under the supervision of a Physician</li> </ul>
<p><b>Evaluator:</b> Imaging department director or designee</p>
<p><b>Tier Level:</b> 3</p>
<p><b>eSAF Access Required:</b> YES</p>
<p><b>Qualifications:</b></p> <ul style="list-style-type: none"> <li>• Graduate of an accredited program through AMA school or JRCERT</li> <li>• Registered with the American Registry of Radiologic Technology (ARRT) or</li> </ul>



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- License as a general Radiographer or NMT or
- Certified Nuclear Medicine Technologist (CNMT) registry.

**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:

- Kansas <http://www.ksbha.org/professions/LRT.shtml>
- Louisiana <https://www.lsrte.org/>
- Mississippi – N/A
- Missouri – N/A

### Experience:

- Minimum of 3 years Hospital experience as a Certified Nuclear Medicine Technologist

### Competencies:

The Certified Nuclear Medicine Technologist will demonstrate:

- Demonstrates preparation and calculation of ordered dosage of radiopharmaceuticals
- Analyzes the diagnostic images and interprets the results of lab tests
- Demonstrates accurate calibration and completion of various tests used to ensure accuracy and quality of test results with the equipment used in the nuclear medicine department
- Demonstrates how to collect blood and urine samples from patients
- Positions radiation fields, radiation beams, and patient to allow for most effective treatment of patient's disease
- Employ radiation safety methods (including the use of syringe shields, gloves, and personal radiation-monitoring devices) to protect patients and the medical staff from radiation exposure
- Accurately collects and assesses patient information, evaluation of interventions and documentation
- Demonstrates safe and effective operation of gamma scintillation camera and scanner equipment
- Prints, develops and organizes films. Ability to recognize and correct films that are inadequate in quality
- Shows how to add radioactive substances to biological specimens, such as blood, urine and feces, to determine therapeutic drug or hormone levels
- Measures glandular activity, blood volume, red cell survival, and radioactivity of patient, using scanners, Geiger counters, scintillometers, and other laboratory equipment
- Infection Prevention
  - Practices consistent hand hygiene
  - Uses personal protective equipment (PPE)
  - Required immunizations per Division requirements
  - Complies with Isolation precautions
  - Maintains sterile field

### References:

- The American Registry of Radiologic Technologists <https://www.arrt.org/>;  
<https://www.arrt.org/verify-credentials>
- Society of Nuclear Medicine and Molecular Imaging  
<http://www.snmmi.org/IssuesAdvocacy/content.aspx?ItemNumber=5719&navItemNumber=725>
- Nuclear Medicine Technology Certification Board  
<https://www.nmtcb.org/certificants/verification.php>



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**Document Control:**

- Revised 6/22/2018
- Revised Cosmetic 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:** \_\_\_\_\_