

## **DIVISION SCOPE OF SERVICE**

<b>Division: CAPITAL</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.</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 AMA or JRCERT school</li> <li>One of the below required:             <ul style="list-style-type: none"> <li>Certified/Registered as a Nuclear Medicine Technologist (CNMT) through one of the below:                 <ul style="list-style-type: none"> <li>American Registry of Radiologic Technology (ARRT)</li> <li>Nuclear Medicine Technology Certification Board (NMTCB)</li> </ul> </li> <li>License as a general Radiographer or Nuclear Medicine Technologist</li> </ul> </li> </ul> <p><b>NOTE:</b> 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>

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<b>State Requirements:</b> <ul style="list-style-type: none"> <li>• Radiographer or Nuclear Medicine Technologist required in state of practice when applicable</li> </ul>
<b>Experience:</b> <ul style="list-style-type: none"> <li>• Minimum of 3 years Hospital experience as a Certified Nuclear Medicine Technologist or Radiographer</li> </ul>
<b>Competencies:</b> The Certified Nuclear Medicine Technologist will demonstrate: <ul style="list-style-type: none"> <li>• Demonstrates preparation and calculation of ordered dosage of radiopharmaceuticals</li> <li>• Analyzes the diagnostic images and interprets the results of lab tests</li> <li>• 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</li> <li>• Demonstrates how to collect blood and urine samples from patients</li> <li>• Positions radiation fields, radiation beams, and patient to allow for most effective treatment of patient's disease</li> <li>• 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</li> <li>• Accurately collects and assesses patient information, evaluation of interventions and documentation</li> <li>• Demonstrates safe and effective operation of gamma scintillation camera and scanner equipment</li> <li>• Prints, develops and organizes films. Ability to recognize and correct films that are inadequate in quality</li> <li>• Shows how to add radioactive substances to biological specimens, such as blood, urine and feces, to determine therapeutic drug or hormone levels</li> <li>• Measures glandular activity, blood volume, red cell survival, and radioactivity of patient, using scanners, Geiger counters, scintillometers, and other laboratory equipment</li> <li>• Infection Prevention <ul style="list-style-type: none"> <li>○ Practices consistent hand hygiene</li> <li>○ Uses personal protective equipment (PPE) when required</li> <li>○ Required immunizations per Division requirements</li> <li>○ Complies with Isolation precautions</li> <li>○ Maintains sterile field</li> </ul> </li> </ul>
<b>References:</b> The American Registry of Radiologic Technologists <a href="https://www.arrt.org/">https://www.arrt.org/</a> ; <a href="https://www.arrt.org/verify-credentials">https://www.arrt.org/verify-credentials</a> Society of Nuclear Medicine and Molecular Imaging <a href="http://www.snmmi.org/IssuesAdvocacy/content.aspx?ItemNumber=5719&amp;navItemNumber=725">http://www.snmmi.org/IssuesAdvocacy/content.aspx?ItemNumber=5719&amp;navItemNumber=725</a> Nuclear Medicine Technology Certification Board <a href="https://www.nmtcb.org/certificants/verification.php">https://www.nmtcb.org/certificants/verification.php</a>
<b>Document Control:</b> <ul style="list-style-type: none"> <li>• Created 6/23/2017</li> <li>• Cosmetic update 11/22/2022; 6/21/2023</li> </ul>

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