

## DIVISION SCOPE OF SERVICE

<b>Division: NORTH TEXAS</b>
<b>Classification: PET/CT TECHNOLOGIST</b>
<b>Applicant Name:</b>

<p><b>PET/CT Technologist:</b> The PET/CT 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 PET/CT Technologist operates Positron Emission Tomography/Computerized Tomography equipment to produce images and measure concentrations of radioactive isotopes in specific body areas to obtain information for use by physicians in diagnosing and treating patient illnesses. Follows rules and regulations established by the Joint Commission in the proper method of handling radioactive isotopes and the provision of quality patient care. Scope of Service may include:</p> <ul style="list-style-type: none"> <li>• Positions and immobilizes patient on examining table, using supportive devices to obtain precise patient position and following protocols specified by the Radiologist.</li> <li>• Conducts glucose screening in accordance with CLIA, state mandates and/or written site agreements designating inclusion in site's CLIA license.</li> <li>• Administers isotope dosage and records dosage administered following established departmental procedures. Observes patient during procedure and reports unusual occurrences to physician at once.</li> <li>• Enters data such as type of scan requested, scan time, and other technical data into computer. Starts scanner to scan designated anatomical area of patient. Communicates with patient over intercom system and observes patient to monitor patient safety and comfort.</li> <li>• Performs diagnostic studies on patients as described by physician, using scanner or scintillation cameras to detect radiation emitted and to produce images of organs. Follows radiation safety techniques in usage and disposal of radioactive isotopes in accordance with departmental procedures.</li> <li>• Views images to insure technical quality.</li> <li>• Performs highest quality imaging consistent with prescribed examination. Maintains accurate Q/C logs, service records, patient procedure logs, etc. Maintains professional technologist/patient relationship and work practices.</li> <li>• Understands and practices proper use of all equipment. Operates equipment within manufacturer's specifications and guidelines.</li> <li>• Performs all duties in accordance with Alliance Imaging Policies and Procedures Manual and supplemental procedure established for Nuclear Medicine/PET.</li> <li>• Follows all infection control and safety procedures as outlined in the Bloodborne Pathogens in-service and Infection Control Plan.</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>• Mobile imaging centers</li> </ul>

## **DIVISION SCOPE OF SERVICE**

**Supervision:**

- Direct supervision by department director, site manager or designee
  - Indirect supervision by physician or other licensed independent practitioner that defines final study results

**Evaluator:** Department director, site manager or designee

**Tier Level:** 2

**eSAF Access Required:** YES

**Qualifications:**

- Associates degree or higher
- Registered or Certified through one of the following:
  - The Nuclear Medicine Technology Certification Board (NMTCB) as:
    - Certified as a Nuclear Medicine Technologist
  - American Registry of Radiologic Technologists (ARRT) as:
    - Radiation Therapist (T)
- American Heart Association or Red Cross health care provider BLS Certification

**Preferred Qualifications:**

- Knowledge and understanding of general anatomy, Radiation Safety principles and medical terminology. (Can be found on Skills Checklist)

**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:**

- 1-2 years' experience and/or training in the radiology field.

**Competencies:**

The PET/CT Technologist will demonstrate:

- Safe and effective operation of equipment
  - Consistently obtain quality diagnostic images and measurements
  - Maintains equipment in good working order
- 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 pre-procedure process to verify 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
- Appropriate diagnostic examination results
  - Performs the examination to comply with applicable protocols and guidelines
  - Uses scanning techniques 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



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- Infection Prevention
  - Practices consistent hand hygiene
  - Uses personal protective equipment (PPE) when required
  - Required immunizations per Division requirements
  - Complies with Isolation precautions

**References:**

- NMTCB- <https://www.nmtcb.org/certificants/verification.php>
- ARRT- <https://www.rrt.org/verify-credentials>

**Document Control:**

- Created 7/13/2022

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