DIVISION SCOPE OF SERVICE

Division: CONTINENTAL
Classification: PET / CT TECHNOLOGIST
Applicant Name:

PET/CT Technologist: 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.
Definition of Care or Service: The PET/CT Technologist operates Positron Emission Tomography/Computerized Tomography equipment to produce images 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. Demonstrates the knowledge, skills and abilities to coordinate, communicate, and perform imaging procedures that meet the quality expectations of the patient, referring physician, and radiologist. Scope of Service may include:

- Performs diagnostic studies on patients as ordered by a physician.
- Performs highest quality imaging consistent with prescribed examination.
- Perform evaluation of requisitions and medical records. Ability to recognized discrepancies in patient condition, orders, indications, and procedures. Consult radiologist, authorized user, and facility if necessary.
- Maintains professional technologist/patient relationship and work practices.
- Ensures patients have followed proper preparation for the exam ordered.
- Tests patients' Blood Glucose Level, knows appropriate Blood Glucose Levels necessary for PET scanning, and understands what influences the levels.
- Ability to effectively obtain intravenous access and accurately inject radiopharmaceuticals.
- Administers prescribed radiopharmaceutical dosage and records dosage administered following established departmental procedures.
- Follows all infection control and safety procedures as outlined in departmental procedures.
- Follows radiation safety techniques in usage and disposal of radioactive isotopes in accordance with departmental procedures.
- Positions patient on imaging table.
- Understands and practices proper use of all equipment. Operates equipment within manufacturer's specifications and guidelines.
- Ability to troubleshoot problems with the equipment, contact service support, and communicates and coordinates repairs.
- Enters data such as administered dose, injection time, and other technical data into computer. Starts scanner to scan designated anatomical area of patient.
- Observes patient during procedure and reports unusual occurrences to physician.
- Communicates with patient over intercom system and observes patient to monitor patient safety and comfort.
- Views images to insure technical quality.
- Verifies patient data transfer to required destinations.

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- Maintains accurate Q/C logs, service records, patient procedure logs, etc.
- 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.

Setting(s):
- Healthcare facilities including but not limited to hospitals, outpatient imaging facilities, and mobile units

Supervision:
- Direct supervision by department director, site manager or designee.
- Indirect supervision by physician or other licensed independent practitioner.

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)
- Radiology Technologist License (see State Requirements)
- American Heart Association or Red Cross health care provider BLS Certification

Preferred Qualifications:
- PET Certification

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:
- Colorado **does not** require a Radiology Tech license
- Kansas **does** require a Radiology Tech license

Experience:
- N/A

Competencies:
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 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
- Appropriate diagnostic examination results
    - Performs the examination to comply with applicable protocols and guidelines

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- o Uses scanning techniques as indicated by the examination, according to established facility policy and procedures under law
- o Notifies the appropriate health provider when immediate treatment is necessary
  - ▪ Recognizes the need for an urgent report and takes appropriate action
- Infection Prevention
  - o Practices consistent hand hygiene
  - o Uses personal protective equipment (PPE) when required
  - o Required immunizations per Division requirements
  - o Complies with Isolation precautions
  - o Maintains sterile field

Reference:
Pet/CT Tech https://www.zippia.com/pet-ct-technologist-jobs/
NMTCB: https://www.nmtcb.org/certificants/verification.php
ARRT: https://www.arrt.org/verify-credentials
Kansas Board of Healing Arts https://www.accesskansas.org/ssrv-ksbhada/search.html

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- Content updates 10/30/2019

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: _____

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