## Division Scope of Service

### Division: NORTH FLORIDA

### DHP Classification: RADIATION PHYSICISTS-NUCLEAR

### Name of Dependent Healthcare Professional (DHP):

**Radiation Physicists**

The Radiation Physicist-Nuclear 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 Radiation Physicist-Nuclear develops a comprehensive quality management program that monitors and evaluates critical imaging equipment and processes. Scope of Service may include:

- Evaluation of radiological imaging procedures
- Evaluation of radiological equipment prior to clinical use
- Evaluation of nuclear imaging and radioactivity measurement
- Responsible for consulting, advising, developing and implementation of optimal treatment plans for patient’s receiving radiation Therapy.
- Knowledge and experience with IMRT and SBRT, Mosaïq 2.6 software, Phillips Pinnacle Treatment Planning System, Elekta Precise and Synergy S with agility head (Integrity) accelerators with XVI and TView, MU Check / Map Check and Map Phan.
- The Physicist is present and on site during all (SBRT) Stereotactic Body Radiation Therapy Treatments.
- Responsible for providing all dose-calculation services necessary for patient treatment and diagnosis with external, interstitial, intracavitary, and distributed internal sources
- Demonstrates Clinical and Service excellence behaviors to include code of HCA conduct core fundamentals in daily interactions with patients, families, co-workers and physicians.

### Setting(s):

- Healthcare facilities including but not limited to hospitals, outpatient treatment facilities, imaging centers, and physician practices
- Imaging, Cardiac Cath Lab, Surgery, Nuclear Medicine

### Supervision:

- Direct supervision by Radiation Safety Officer, Radiation Safety Committee, and/or Imaging Director

### Evaluator:

Imaging department director or designee

### Qualifications:

- MS or Ph.D.
- Completion of an approved residency or post-doctoral program (CAMPEP)
- Licensure/Registration: Licensed Medical Health Physicist or Certification: American Board of Radiology or American Board of Medical Physics in Diagnostic Radiology or Medical Imaging (ABMP)

### State Requirements:

- N/A

### Experience:

A minimum of two years’ prior clinical experience as a hospital medical physicist or radiation physicist

### Competencies:

The Radiation Physicist-Nuclear will demonstrate:

- Expertise in diagnostic radiological physics
- Evaluates radiological imaging procedures prior to clinical use
- Develops/evaluates of policies and procedures related to the appropriate clinical use of radiation for imaging purposes
DIVISION SCOPE OF SERVICE

- Develops and manages a comprehensive quality management program that monitors and evaluates critical imaging equipment and processes
- Reviews diagnostic imaging dosimetry information noted in patient records
- Consults on patient or personnel radiation dose and associated risks
- Expertise in medical health physics and medical nuclear physics
- Audits regulatory program
- Prepares RAM license and license amendments
- Calibrates equipment and ensures equipment is functioning properly
- Reviews dosimetry information
- Consults on patient radiation dose and associated risks
- Audits regulatory program
- Preparations of policies and procedures related to the appropriate clinical use of radiation for nuclear imaging/radioactivity measurement purposes
- Reviews radiopharmaceutical dosimetry information noted in patient records
- Develops and manages a comprehensive quality management program that monitors and evaluates critical nuclear imaging and radioactive measurement equipment and processes
- Consults on patient or personnel radiation dose and associated risks
- Develops/evaluates a comprehensive clinical radiation safety program in nuclear medicine
- Infection Prevention
  - Practices consistent hand hygiene
  - Uses personal protective equipment (PPE)
  - Required immunizations per DHP Division requirements
  - Complies with Isolation precautions

References:
- Briefings on Credentialing White Paper – Radiation Physicist

DHP Printed Name: _______________________  DHP Signature: _________________________

Company/Vendor: ________________________________  Date: ____________________