



DIVISION SCOPE OF SERVICE

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| Division: GULF COAST |
| Classification: DOSIMETRIST |
| Applicant Name: |
| <p>Name of Classification: The Dosimetrist 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>Definition of Care or Service: The Medical Dosimetrist is a member of the radiation oncology treatment team who is thoroughly familiar with the physical and geometrical characteristics of the radiation equipment and radioactive source commonly employed, and has the training and expertise necessary to measure and calculate radiation doses under the direction of the Therapeutic Radiological physicist and the Radiation Oncologist. Following the dose prescription specified by the Radiation Oncologist, plans treatment techniques by means of computer and/or manual computations. Participates in the dosimetry quality assurance program. The essential functions with detailed descriptions are listed below. Scope of service may include:</p> <ul style="list-style-type: none"> • Collaborate with physician to design a treatment plan • Supervise, perform, or assist in treatment delivery • 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. |
| <p>Setting(s):</p> <ul style="list-style-type: none"> • Surgical services areas including but not limited to hospitals and outpatient surgery centers |
| <p>Supervision:</p> <ul style="list-style-type: none"> • General guidance and direction by the Radiology Director and supervisor. <p>Evaluator:</p> <ul style="list-style-type: none"> • Department director or designee in conjunction with supervising Radiologist. <p>Tier Level: 2</p> <p>eSAF Access Required: YES</p> |
| <p>Qualifications:</p> <ul style="list-style-type: none"> • Bachelor's degree or higher • Graduated from a formal dosimetry program through American Association of Medical Dosimetrists (AAMD) • Certified by the Medical Dosimetrist Certification Board (MDCB) • American Heart Association or Red Cross health care provider BLS Certification <p>Preferred Qualifications:</p> <ul style="list-style-type: none"> • Master's degree in medical dosimetry <p>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.</p> |
| <p>State Requirements:</p> <ul style="list-style-type: none"> • N/A |
| <p>Experience:</p> <ul style="list-style-type: none"> • One year experience as a Medical Dosimetrist |



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Competencies:

The Dosimetrist will demonstrate:

- An understanding of the technical aspects of radiation oncology and medical physics
- Able to perform routine duties independent of supervision, consulting with the Radiation Oncologist and Medical Physicist as required.
- Operate and perform quality assurance, under the direction of the Medical Physicist, on the treatment planning system.
- Have a working knowledge of radiation safety and current rules and regulations of the Nuclear Regulatory Commission.
- Must be able to visually distinguish different anatomical structures, tissue densities and isodose lines on a CRT screen.
- Must be able to accurately manipulate equations related to the delivery of radiation therapy treatments and radiation safety.
- Must be able to take contours of patient anatomy.
- Must be able to demonstrate the knowledge and skills necessary to provide care or support based on physical, psycho/social, educational, safety, and related criteria, appropriate to the age of the patients served in his/her assigned service area, as defined in this job description/performance evaluation.
- Able to interpret and execute treatment plans as defined in relevant treatment protocols.
- Infection Prevention
 - Practices consistent hand hygiene
 - Uses personal protective equipment (PPE) when required
 - Required immunizations per Division requirements
 - Complies with Isolation precautions
 - Maintains sterile field

References:

Accredited Programs: <https://portal.jrcertaccreditation.org/accredited-educational-programs/search>

American Association of Medical Dosimetrists: <https://www.medicaldosimetry.org/career-services/education-programs/>

Medical Dosimetrist Certification Board:

<https://mdcb.learningbuilder.com/Public/MemberSearch/CertificateVerification>

Document Control:

- Content updates 4/8/2019
- Cosmetic updates 10/1/2019

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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