



DIVISION SCOPE OF SERVICE

Division: CAPITAL
Classification: DOSIMETRIST
Applicant Name:

<p>Dosimetrist: 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 Dosimetrist is a member of the radiation oncology team who has knowledge of the overall characteristics and clinical relevance of radiation oncology treatment machines and equipment, is cognizant of procedures commonly used in brachytherapy and has the education and expertise necessary to generate radiation dose distributions and dose calculations in collaboration with the medical physicist and radiation oncologist. Scope of service may include:</p> <ul style="list-style-type: none"> • Design treatment plans by means of computer computation with optimal beam geometry to deliver a prescribed radiation dose and spare critical structures in accordance with the Radiation Oncologist's prescription • Identify and contour normal and dose-limiting structures by utilizing images from one or more data sets • Collaborate with physician to determine the correct dose of radiation and the proper positioning in order to best treat a patient • Proficiency in image registration with various image data sets • Educate students and radiation therapists with applied aspects of medical dosimetry • Supervise, perform, or assist with radioactive materials used in the treatment • Able to use specialized equipment during procedures that must be properly cared for and handled • 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: Department director or designee in conjunction with supervising Radiologist.</p> <p>Tier Level: 2</p> <p>eSAF Access Required: NO</p>
<p>Qualifications:</p> <ul style="list-style-type: none"> • Bachelor's degree or higher • Certified by the Medical Dosimetrist Certification Board (MDCB) • Graduate of a Joint Review Committee on Education in Radiologic Technology (JRCERT) accredited program. <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>



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<p>State Requirements:</p> <ul style="list-style-type: none"> • N/A
<p>Experience:</p> <ul style="list-style-type: none"> • Minimum 3 year dosimetry experience
<p>Competencies:</p> <p>The Dosimetrist will demonstrate:</p> <ul style="list-style-type: none"> • 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. • Able to interpret and execute treatment plans as defined in relevant treatment protocols. • Infection Prevention <ul style="list-style-type: none"> ○ Practices consistent hand hygiene ○ Uses personal protective equipment (PPE) ○ Required immunizations per Division requirements ○ Complies with Isolation precautions ○ Maintains sterile field
<p>References:</p> <p>Medical Dosimetrist Certification Board (MDCB): https://mdcb.learningbuilder.com/Public/MemberSearch/CertificateVerification/ Find A JRCERT Accredited Program: https://www.jrcert.org/find-a-program/</p>
<p>Document Control:</p> <ul style="list-style-type: none"> • Revised 3/8/2018 • Cosmetic update 4/29/2020

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: _____