



# DIVISION SCOPE OF SERVICE

<b>DIVISION: ALL HCA DIVISIONS-NOT INCLUDING SAN ANTONIO</b>
<b>Classification: QUALIFIED MEDICAL PHYSICIST - THERAPEUTIC</b>
<b>Applicant Name:</b>

<p><b>Qualified Medical Physicist - Therapeutic</b>          The Qualified Medical Physicist – Therapeutic must have equivalent qualifications and competence as employed individuals performing the same or similar services at the facility.</p>
<p><b>Definition of care or Service:</b>          The Qualified Medical Physicist – Therapeutic administers daily radiation treatment under the physician prescription and supervision. This branch of medical physics deals with the therapeutic application of roentgen rays, gamma rays, electron and other charged particle beams, neutrons, or radiations from radionuclide sources and the use of equipment associated with the production and use of that radiation. Scope of Service may include:</p> <ul style="list-style-type: none"> <li>• Ensures the prescribed dose is delivered within the acceptable limits of accuracy, as per the radiation oncologist prescribed</li> <li>• Ensures the patient, staff and public are not irradiated unnecessarily</li> <li>• Develops comprehensive quality management programs that evaluates critical radiation oncology equipment and processes</li> <li>• Develops and evaluates policies and procedures related to the appropriate therapeutic use of radiation</li> <li>• Demonstrates Clinical and Service excellence behaviors to include HCA Healthcare code of 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>• Operating Room, Nuclear Medicine, Radiation Therapy</li> </ul>
<p><b>Supervision:</b></p> <ul style="list-style-type: none"> <li>• Direct supervision by Radiation Safety Officer, Radiation Safety Committee, Imaging Director and/or Radiation Therapy Director</li> </ul> <p><b>Evaluator:</b> Imaging department director or designee</p> <p><b>Tier Level:</b> 3</p> <p><b>eSAF Access Required:</b> YES</p>
<p><b>Qualifications:</b></p> <ul style="list-style-type: none"> <li>• Bachelor’s degree or higher in medical physics or the physical sciences</li> <li>• <b>One</b> of the below required:             <ul style="list-style-type: none"> <li>○ Licensed or Registered as a Licensed Medical Health Physicist (See State Requirements)</li> <li>○ Certified in Medical Physics through <b>one</b> of the below:                 <ul style="list-style-type: none"> <li>▪ American Board of Radiology (ABR)</li> <li>▪ The American Board of Medical Physics (ABMP)</li> <li>▪ American Board of Health Physics (ABHP)</li> <li>▪ American Board of Science in Nuclear Medicine (ABSNM)</li> <li>▪ The Canadian College of Physicists in Medicine (CCPM)</li> </ul> </li> </ul> </li> </ul>



# DIVISION SCOPE OF SERVICE

**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:**

**IN THE STATE OF CALIFORNIA QUALIFIED MEDICAL PHYSICIST – THERAPEUTIC MUST BE CREDENTIALLED THROUGH THE CPC OR THE MSO AT THE FACILITY.**

<u>States that require Licensure</u>	<u>States that require Registration</u>
<b>CAP:</b> N/A	<b>CAP:</b> KY; IN; VA
<b>CON:</b> N/A	<b>CON:</b> KS; CO
<b>CWTX:</b> TX	<b>CWTX:</b> N/A
<b>EFL:</b> FL	<b>EFL:</b> N/A
<b>FAR:</b> N/A	<b>FAR:</b> CA; NV
<b>GULF:</b> TX	<b>GULF:</b> N/A
<b>MID:</b> N/A	<b>MID:</b> KS; MS
<b>MNTN:</b> N/A	<b>MNTN:</b> AK; UT
<b>NCAR:</b> N/A	<b>NCAR:</b> NC
<b>NFL:</b> FL	<b>NFL:</b> N/A
<b>NTX:</b> TX	<b>NTX:</b> N/A
<b>SAN:</b> TX	<b>SAN:</b> N/A
<b>SATL:</b> FL	<b>SATL:</b> SC; GA
<b>TRI:</b> N/A	<b>TRI:</b> KY; TN; GA
<b>WFL:</b> FL	<b>WFL:</b> N/A

- \*\*Idaho does not require a License, Registration or Certification\*\***
- \*\*Georgia does not require a License, Registration or Certification\*\***
- \*\*Louisiana does not require a License, Registration or Certification\*\***

**Experience:**

- 1 year experience as a Qualified Medical Physicist – Therapeutic

**Competencies:**

The Qualified Medical Physicist – Therapeutic will demonstrate:

- Provides a safe environment for patients
  - Uses at least two ways to identify patients before treating or performing a procedure
  - Labels all medications and solutions on and off the sterile field in perioperative and procedural setting.
  - 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
- Accurate patient information review and evaluation
  - Plans treatment, localization and dose calculations
  - Complies with local, state and federal regulations
  - Maintains local documentation as source identification and description
  - Performs quarterly audits for sources in storage or use
  - Performs radiation surveys of all implants
  - Provides on-call support during implant duration
  - Performs exit surveys and inventory sources
- Infection Prevention
  - Practices consistent hand hygiene
  - Uses personal protective equipment (PPE)



# DIVISION SCOPE OF SERVICE

- Required immunizations per Division requirements
- Complies with Isolation precautions
- Maintains sterile field

**References:**

Commission on Accreditation of Medical Physics Education Program, Inc. (CAMPEP). (2006) Policy and Procedure Manual. Retrieved from <http://www.campep.org/>

U.S.NCR. United States Nuclear Regulatory Commission. Protecting People and the Environment (2000-2011). Retrieved from <http://www.nrc.gov/>

Health Physics Society. (2011, November 7). Careers in Health Physics. Retrieved from <http://www.hps.org/publicinformation/hpcareers.html>  
Briefings on Credentialing White Paper – Medical Physicist

AAPM Professional/Education/Science Policies  
<http://www.aapm.org/org/policies/details.asp?id=317&type=PP&current=true>

The Role Of The Clinical Medical Physicist In Diagnostic Radiology  
[https://www.aapm.org/pubs/reports/RPT\\_42.pdf](https://www.aapm.org/pubs/reports/RPT_42.pdf)

The American Board of Radiology <https://www.theabr.org/myabr/find-a-radiologist>

The American Board of Medical Physics <https://abmpexam.com/>

American Board of Health Physics <http://qmp.crcpd.org/>

American Board of Science in Nuclear Medicine <http://qmp.crcpd.org/>

The Canadian College of Physicists in Medicine in Diagnostic Radiological Physics  
<http://www.ccpm.ca/ccpm-english/main/about-ccpm/about-certification.html>

Conference of Radiation Control Program Directors <https://www.crcpd.org/page/aboutQMP>

Virginia Department of Health Office of Radiological Health verification through email request:  
[kim.knight@vdh.virginia.gov](mailto:kim.knight@vdh.virginia.gov)

Florida Department of Health verification:  
<https://appsmqa.doh.state.fl.us/MQASearchServices/HealthCareProviders>

Texas Medical Board: <http://www.tmb.state.tx.us/page/look-up-a-license>

**Document Control:**

- Previously named Radiation Physicist-Therapeutic
- Made Global 7/10/2019
- Content updates 7/10/2019



# DIVISION SCOPE OF SERVICE

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