

UW HEALTH JOB DESCRIPTION

SENIOR RADIATION DOSIMETRIST

Job Code: 500032	FLSA Status: Non-Exempt	Mgt. Approval: T. Yambor	Date: 02.2019
Department: Radiation Oncology-Paratherapy/83200	HR Approval: M. Buenger	Date: 02.2019	

JOB SUMMARY

The Senior Radiation Dosimetrist performs advanced level technical work in radiotherapy treatment planning. Dosimetrists at this level are capable of performing routine and complex radiotherapy treatment planning duties. Incumbents are responsible for the development of the most complex and difficult radiotherapy treatment plans involving vital areas of the body. The Senior Dosimetrist provides clinical judgment to medical staff concerning treatment plans for all patients as well as supervision and performance of mold room duties and verification of radiation doses patients receive on treatment units. Work at this level is characterized by the overall responsibility for all technical aspects of radiotherapy treatment planning.

Under the direction of the Radiation Oncology Director, the Senior Radiation Dosimetrist provides guidance and direction to dosimetrists, student therapists and medical residents; developing training and providing orientation. This position reviews and proposes updates to procedure manuals and protocols, integrates new technology and coordinates group projects.

The Senior Radiation Dosimetrist has increased responsibilities for the efficient operation of the dosimetry work area, communicating and coordinating daily operations with medical staff and residents, nurses, physics and others in the department. This position reports directly to the Radiation Oncology Director and also receives work direction and evaluation of technical skills from leadership of the physics team.

MAJOR RESPONSIBILITIES

- Performs routine to the most difficult and complex radiotherapy treatment plans
- Design and prepare special immobilization devices and positioning molds
- Verify the radiation dose that patients receive on their treatments, having an advanced understanding of both simple and complex radiotherapy treatment plans
- Triage questions from Radiation Therapists about daily treatment set-ups
- Evaluation of supplies and reorder dosimetry equipment and supplies
- Initiate appropriate action to have equipment repaired as needed
- Oversee the day to day operations of the dosimetry team and manages workload appropriately
- Contact for all dosimetry related training needs, questions, etc.

ALL DUTIES AND REQUIREMENTS MUST BE PERFORMED CONSISTENT WITH THE UW HEALTH PERFORMANCE STANDARDS.

JOB REQUIREMENTS

Education	Minimum	Graduate from an accredited school of Medical Dosimetry or bachelor's and Master's degree in Physics.
	Preferred	
Work Experience	Minimum	Three (3) years of experience as a Radiotherapy Treatment Planning Dosimetrist
	Preferred	
Licenses & Certifications	Minimum	Certification in Medical Dosimetry by the Medical Dosimetrist Certification Board (MDCB).
	Preferred	
Required Skills, Knowledge, and Abilities		<ul style="list-style-type: none"> • Ability to use ARIA Software is preferred. • Demonstrated ability to perform difficult and complex radiotherapy treatment plans. • Ability to work independently. • Ability to be a spokesperson for the dosimetry team and represent them in a professional manner in their absence • Excellent interpersonal communication, problem-solving, teamwork, and conflict resolution skills. • Effective oral and written communication skills.

AGE SPECIFIC COMPETENCY (Clinical jobs only)

Identify age-specific competencies for direct and indirect patient care providers who regularly assess, manage and treat patients.

Instructions: Indicate the age groups of patients served either by direct or indirect patient care by checking the appropriate boxes below. Next,

Infants (Birth – 11 months)	Adolescent (13 – 19 years)
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Toddlers (1 – 3 years)	Young Adult (20 – 40 years)			
Preschool (4 – 5 years)	Middle Adult (41 – 65 years)			
School Age (6 – 12 years)	Older Adult (Over 65 years)			
JOB FUNCTIONS				
Review the employee's job description and identify each essential function that is performed differently based on the age group of the patient.				
PHYSICAL REQUIREMENTS				
Indicate the appropriate physical requirements of this job in the course of a shift. <i>Note: reasonable accommodations may be made available for individuals with disabilities to perform the essential functions of this position.</i>				
Physical Demand Level	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%; padding: 5px;">Occasional Up to 33% of the time</td> <td style="width: 25%; padding: 5px;">Frequent 34%-66% of the time</td> <td style="width: 25%; padding: 5px;">Constant 67%-100% of the time</td> </tr> </table>	Occasional Up to 33% of the time	Frequent 34%-66% of the time	Constant 67%-100% of the time
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Sedentary: Ability to lift up to 10 pounds maximum and occasionally lifting and/or carrying such articles as docket, ledgers and small tools. Although a sedentary job is defined as one, which involves sitting, a certain amount of walking and standing is often necessary in carrying out job duties. Jobs are sedentary if walking and standing are required only occasionally and other sedentary criteria are met.	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%; padding: 5px;">Up to 10#</td> <td style="width: 25%; padding: 5px;">Negligible</td> <td style="width: 25%; padding: 5px;">Negligible</td> </tr> </table>	Up to 10#	Negligible	Negligible
Up to 10#	Negligible	Negligible		
Light: Ability to lift up to 20 pounds maximum with frequent lifting and/or carrying of objects weighing up to 10 pounds. Even though the weight lifted may only be a negligible amount, a job is in this category when it requires walking or standing to a significant degree.	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%; padding: 5px;">Up to 20#</td> <td style="width: 25%; padding: 5px;">Up to 10# or requires significant walking or standing, or requires pushing/pulling of arm/leg controls</td> <td style="width: 25%; padding: 5px;">Negligible or constant push/pull of items of negligible weight</td> </tr> </table>	Up to 20#	Up to 10# or requires significant walking or standing, or requires pushing/pulling of arm/leg controls	Negligible or constant push/pull of items of negligible weight
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X Medium: Ability to lift up to 50 pounds maximum with frequent lifting/and or carrying objects weighing up to 25 pounds.	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%; padding: 5px;">20-50#</td> <td style="width: 25%; padding: 5px;">10-25#</td> <td style="width: 25%; padding: 5px;">Negligible-10#</td> </tr> </table>	20-50#	10-25#	Negligible-10#
20-50#	10-25#	Negligible-10#		
Heavy: Ability to lift up to 100 pounds maximum with frequent lifting and/or carrying objects weighing up to 50 pounds.	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%; padding: 5px;">50-100#</td> <td style="width: 25%; padding: 5px;">25-50#</td> <td style="width: 25%; padding: 5px;">10-20#</td> </tr> </table>	50-100#	25-50#	10-20#
50-100#	25-50#	10-20#		
Very Heavy: Ability to lift over 100 pounds with frequent lifting and/or carrying objects weighing over 50 pounds.	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%; padding: 5px;">Over 100#</td> <td style="width: 25%; padding: 5px;">Over 50#</td> <td style="width: 25%; padding: 5px;">Over 20#</td> </tr> </table>	Over 100#	Over 50#	Over 20#
Over 100#	Over 50#	Over 20#		
Other - list any other physical requirements or bona fide occupational qualifications not indicated above:				

Note: The purpose of this document is to describe the general nature and level of work performed by personnel so classified; it is not intended to serve as an inclusive list of all responsibilities associated with this position.