



JOB INFORMATION

Job Code:	187845
Job Title:	Medical Dosimetrist
FLSA Status:	Non-Exempt
Supervisory:	
Job Family:	Radiologic Technology
Job Family Group:	Research and Clinical Support
Management Level:	7 Individual Contributor

JOB SUMMARY

Assists in designing and implementing radiation plans for treating tumors, limiting the exposure of normal tissues and organs. Performs computer and/or manual calculations, ensuring the accurate delivery of the radiation oncologist's prescribed dose, and documenting all pertinent information in the patient's record.

JOB QUALIFICATIONS:

Education

Req	Pref	Degree	Field of Study
X		Specialized/technical training	
	X	Bachelor's degree	

Additional Education

Check here if experience may substitute for some of the above education.

Combined experience/education as substitute for minimum education

Work Experience

Req	Pref	Work Experience	Experience Level
X		1 year	in a clinical setting
	X	3 years	

Additional Work Experience

Check here if education may substitute for some of the above work experience.

Combined experience/education as substitute for minimum work experience

Knowledge, Skills and Abilities

Req	Pref	Functional Skills
X		Working knowledge of radiation therapy planning systems (e.g., Varian Eclipse).
X		Demonstrated understanding of radiation and current rules and regulations of the Nuclear Regulatory Commission.
X		Excellent organizational, written and oral communication skills.
	X	Demonstrated experience with all aspects of radiation treatment and planning.

Other Job Factors

JOB ACCOUNTABILITIES

	<i>% Time</i>	<i>Essential</i>	<i>Marginal</i>	<i>N/A</i>
Assists in calculating prescribed radiation doses and developing field placement techniques, in accordance with the radiation oncologist’s prescription. Verifies the mathematical accuracy of all calculations using established guidelines, and prepares organ and tissue contours for patient treatment planning.				
Helps develop strategies to optimize treatment simulation, planning, evaluation, and delivery, in accordance with all departmental billing and compliance procedures.				
Participates in clinical research, collecting and submitting data. Performs basic physical and technical support for equipment and software, and stays current with existing and emerging techniques, devices, and methods.				
Coordinates treatment simulations and tumor localization on dedicated devices (e.g., CT, MRI, X-ray, PET). Assists the radiation oncology physicist in the fabrication of beam modification devices (e.g., compensating filters, custom shields).				

Other Requirements

<i>Essential:</i>	<i>Emergency Response/Recovery</i>	<i>Essential:</i>	<i>Mandated Reporter</i>
	In the event of an emergency, the employee holding this position is required to “report to duty” in accordance with the university’s Emergency Operations Plan and/or the employee’s department’s emergency response and/or recovery plans. Familiarity with those plans and regular training to implement those plans is required. During or immediately following an emergency, the employee will be notified to assist in the emergency response efforts, and mobilize other staff members if needed.		A mandated reporter who in his or her professional capacity has knowledge of, or reasonably suspects a person who is under the age of 18 years, elderly, or a dependent adult has been the victim of abuse or neglect must report the suspected incident. The reporter must contact a designated agency immediately or as soon as practically possible by telephone or in writing within 36 hours. By virtue of the associated job duties, this position qualifies as a mandated reporter as required by state law and USC’s policy at: https://policy.usc.edu/mandated-reporters/
<i>Campus Security Authority (CSA)</i>			<i>Essential:</i>
By virtue of the associated job duties, this position qualifies as a Campus Security Authority as required by law and USC’s policy at: https://dps.usc.edu/alerts/clery/			No

ACKNOWLEDGMENTS

The above statements reflect the essential and non-essential functions as necessary to describe the principle contents of the job. They are not intended to be a complete statement of all work requirements or duties that may be required of the position. I understand that I may be asked to perform other duties as assigned. USC reserves the right to add or change duties at any time.

The University of Southern California is an Equal Opportunity Employer. USC prohibits discrimination on any basis protected under federal, state, or local law, regulation, or ordinance or university policies. All employment decisions are based on individual qualifications and business need.

I acknowledge receipt of this job description and its associated physical requirements. I have read and understand the job description and job requirements and agree to abide by their contents. I realize that duties may be requested of me that are not specifically stated herein. I understand that I will be expected to adjust to potential fluctuations in work volume. I understand that, if I have any questions about the essential functions or expectations of my position, my supervisor and/or HR partner are available to discuss them with me.

Print Employee Name

Signature

Date

Print Manager Name

Signature

Date

This job description describes the general nature and level of work required by the position. It is not intended to be an all-inclusive list of qualifications, skills, duties, responsibilities or working conditions of the job. The job description is subject to change with or without notice, and Management reserves the right to add, modify or remove any qualification or duty. Nothing in this job description changes the existing at-will employment relationship between the university and the employee occupying the position.