

 Oroville Hospital Job Description for Technical Lead Radiation Oncology	Department:	Radiation Oncology
	Dept.#:	7640
	Updated:	04/01/13
		Position Status: Exempt

Reports To

Vice President Radiation Oncology

Position Summary

The technical lead will be an integral part of the radiation therapy program at Oroville Hospital handling the job function of senior therapist, dosimetrist, and providing clinical oversight. The technical lead will report directly to the Vice President of Radiation Oncology and work in collaboration with the medical physicist and radiation oncologist.

Patients Served

This position is responsible for the following age groups of patients: adolescent, adult and geriatric.

Job Duties

- Manages day-to-day clinical operations of the practice and all clinical staff members under the supervision of the Vice President of Radiation Oncology
- Independently creates radiation therapy treatment plans using computer software and various imaging modalities
- Interprets and delineates anatomy and anatomical positioning on various imaging modalities.
- Performs or assists in the planning of the production of moulds, casts, and other immobilization devices.
- Supervises the therapist staff in the implementation of the treatment plan including: the correct use of immobilization devices, compensators, wedges, field arrangement, and other treatment variables
- Accurately documents treatment planning and quality assurance tasks.
- Performs general computerized tasks, such as word processing, using spreadsheets, moving and altering files and directories, and performing data backup.
- May assist in intracavitary and interstitial brachytherapy procedures and in the subsequent manual and/or computer calculation of the dose distributions of these treatments.

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- May perform quality assurance procedures on treatment planning system, linear accelerator, and brachytherapy device with minimal supervision.
- Provides physics and technical support to the Medical Physicist, in radiation protection, qualitative machine calibrations, and quality assurance of the radiation oncology equipment.
- Under general supervision, administer ionizing radiation (radiation therapy treatments) to patients as specifically prescribed by a physician in a detailed treatment plan according to established standards and practices.
- Performs other duties as assigned

Qualifications

Education & Licensure:

- Bachelor's degree in a relevant field
- Certified Medical Dosimetrist with at least one (1) year of experience
- Graduation from an AMA approved program in Radiation Therapy Technology or Radiologic Technology is required
- Registration as a Radiation Therapy Technologist by the American Registry of Radiologic Technology (ARRT) is required
- Licensure in Radiation Therapy Technology within the State of California is required
- Current BLS

Knowledge/Experience:

- Radiation Oncology department management experience
- Radiation Therapist must be able to work proficiently with all types of Varian, Siemens, and TomoTherapy machines utilizing the latest treatment techniques including 3D Conformal, IMRT, IGRT, SRS/SBRT, and brachytherapy procedures
- Ability to work independently and manage scheduling of all areas to include simulation and treatment
- Extensive CT/Simulation experience in all areas of radiation therapy to include, brachytherapy and immobilization fabrication
- Experience with clinical set ups and contours
- Coordinate all aspects of treatment with different departments to include Physician/Physics/Dosimetry
- Ability to understand dosimetry plans and calculations
- Excellent computer skills related to basic office, record and verify, and EMR

Additional Qualifications:

- High confidence level
- Excellent patient care skills—must be able to assess patient's needs and use good judgment for requesting medical attention
- Must have good communication skills
- Must be self-motivated with the ability to assess different situations and implement suggestions or changes as needed
- Ability to maintain sensitivity and objectivity to patients, family and significant others of all ages

Work Environment

Work area is well lighted and ventilated. Regularly exposed to the risks of blood borne and airborne diseases. Contact with patients in a wide variety of circumstances. Exposed to noise, chemicals, communicable diseases, and hazardous materials. Wears personal protective equipment as required.

Dress Code

Complies with hospital and departmental dress code. Wears name badge with job title and credentials clearly visible.

Physical Abilities

Heavy lifting: up to 100 lbs. maximum with frequent lifting and/or carrying objects weighing up to 50 lbs. Must be able to stand, stoop and lift and walk without restrictions.