

ROBERT SMITH

Medical Dosimetrist

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SUMMARY

As a Medical Dosimetrist, responsible for Utilizing radiation monitoring devices to measure radioactivity and perform assays. Teaching applied aspects of medical dosimetry to students, radiation therapists and residents.

CORE COMPETENCIES

MS Office, Treatment Planning System, Communication Skills.

PROFESSIONAL EXPERIENCE

Medical Dosimetrist

ABC Corporation - January 2007 – 2007

Key Deliverables:

- Computed dose distributions and generate optimal treatment plans in accordance with department procedures and policies.
- Currently used Tomotherapy Planning System and Elekta Planning system with Mosaic Record and Verify System.
- Previous planned and experienced with Siemens Primus Accelerator equipped with Electrons.
- Responsible for IMRT Treatment Planning.
- Incorporated anatomical information from CT sim, MRI, and PET to achieve the most optimal plan.
- Targets identified by the physician and parameters and constraints by RTOG guidelines.
- Versed in SBRT planning of lung, brain, feet, legs, and prostates.

Medical Dosimetrist

Delta Corporation - 2002 – 2007

Key Deliverables:

- Compute dose distributions and generated optimal treatment plans in accordance with department procedures.
- Assist physicists in quality assurance as needed.
- The planning computer was Nucletron external beam program.
- Multiple Varian accelerators in the department including Cobalt with electrons.
- Participated in afterloading procedures and planning.
- Prepared brachy sources, (Cesium 137) maintained source inventory, records, and transportation of sources from safe to patient.
- Loaded and loaded source.

EDUCATION

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