

The essential responsibility of a medical dosimetrist is to generate a clinically acceptable treatment plan, utilizing clinical knowledge including, but not limited to, anatomy and physiology; radiation biology and oncology; radiation safety and protection; mathematics; and radiation therapy techniques, physics and technology. The medical dosimetrist is expected to communicate with the radiation oncologist during the treatment planning process and participates in communicating the plan to the medical physicist and the radiation therapy technologist for implementation. The medical dosimetrist must maintain a commitment to a high degree of accuracy, attention to detail, and safety. The medical dosimetrist must use critical thinking skills when performing radiation treatment planning, plan evaluation, recognizing and re (mmi)-3.5 (o)1-42 (o)-4 (mmi-3.5 (o(n)21115 (a)ica216)sign@t(n)-11 has (o)04 will

characteristics and clinical relevance of radiation oncology in the management of cancer or other disease processes, with special expertise in radiation therapy treatment planning.

It is expected that an individual will hold themselves qualified to practice in medical dosimetry only when the knowledge and skills to perform dosimetric tasks has been established. An individual shall be considered eligible to practice independently if they are certified by the medical dosimetrist