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Nota di contenuto	Atomic structure and radioactive decay -- Interactions of X rays and gamma rays -- Interactions of particulate radiation with matter -- Machines for producing radiation -- Measurement of ionizing radiation -- Calibration of megavoltage beams of X rays and electrons -- Central-axis point dose calculations -- External beam dose calculations -- External beam treatment planning and delivery -- The basics of medical imaging -- Diagnostic imaging and applications to radiation therapy -- Tumor targeting: image-guided and adaptive radiation therapy -- Computer systems -- Radiation oncology informatics.