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personal dosimeter and is a record of the radiation dose received modern electronic personal dosimeters can give a continuous readout of cumulative dose and current dose rate and can dosimeters are devices that are capable of providing a quantitative and reproducible measurement of absorbed dose through a change in one or more of the physical properties of the dosimeters in response to the exposure to ionizing radiation energy mod ali 2007 approaches to dosimetry in radionuclide therapy the approaches to dosimetry in radionuclide therapy can be organised along two axes pretherapy versus post therapy and tumour versus non tumour first dosimetry can be performed either before therapy or during a course of therapy after each cycle dosimetry assessment is important to maximizing absorbed radiation dose to tumor in order to optimize tumor response and minimize normal organ absorbed dose and toxicity

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