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Three-dimensional radiation dosimetry using polymer gel and solid radiochromic polymer: From basics to clinical applications

Yoichi Watanabe, Leighton Warmington, N Gopishankar

Abstract

Accurate dose measurement tools are needed to evaluate the radiation dose delivered to patients by using modern and sophisticated radiation therapy techniques. However, the adequate tools which enable us to directly measure the dose distributions in three-dimensional (3D) space are not commonly available. One such 3D dose measurement device is the polymer-based dosimeter, which

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