

ADVANTAGES AND DISADVANTAGES OF TIMEPIX DETECTOR FOR SPECT/CT

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The report presents the advantages and disadvantages of using the Timepix family detectors as a registration system for SPECT and CT scanners. The possibilities of using pixel detectors for creating multimodal SPECT/CT systems are demonstrated. The possibilities of using pixel detectors for creating multimodal SPECT/CT systems are demonstrated. Much attention is paid to microtomography systems. The perspectives for using CdTe as a sensor are considered.

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