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High Resolution Imaging of IMBL microbeams.

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High resolution 3D imaging of microbeam radiation therapy (MRT) microbeams produced on the Australian Synchrotron's IMBL has been achieved using laser fluorescent confocal microscopy (LFCM). Radiosensitive dosimeters have been specifically fabricated to suit the extremely high dose of the MRT microbeams and the geometrical needs of the LFCM. Cross-fire, stereotactic and interlaced MRT beams are easily resolved in 3D with scope to accurately determine dosimetric properties to be used in future animal and human treatments.

Keywords or phrases (comma separated)

MRT, 3D Microbeam Imaging

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