

Brachytherapy test

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Short description: The test calculates the dose rate distribution $g(r)$ of a Flexisource brachytherapy source. The results are compared to the reference data published in D. Granero, J. Pérez-Calatayud, E. Casal, et al, "A dosimetric study on the Ir-192 high dose rate Flexisource", Med. Phys. 33 (12), 2006, 4578-82.

Geant4 code: Geant4 Advanced Example Brachytherapy

Geant-val layout: Brachy-Ir

Reference data: D. Granero, J. Pérez-Calatayud, E. Casal, et al, "A dosimetric study on the Ir-192 high dose rate Flexisource", Med. Phys. 33 (12), 2006, 4578-82.

Tested EM physics constructors:

- *EMStandard_opt0*
- *EMStandard_opt3*
- *EMStandard_opt4*
- *Livermore*
- *Penelope*

-- SusannaGuatelli - 2018-11-23

This topic: Geant4 > G4MSBGBrachy

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