

Proposal of a new extended examples

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Example for dosimetry

- Goal: Provide a simple Geant4 simulation which shows how to perform dosimetry
 - From feedback of Geant4 users in medical physics
- Calculate the dose in a water phantom (Geant4 Scoring mesh)
- For protons, carbon ions and X-ray beams
 - Defined either by means of the General Particle Source or IAEA-Geant4 Phase Space Files
 - Investigate first the issue of specification of the phase space files
- Physics: G4QGSP_BIC_HP (G4EmPhysicsList Option 4)
- Output: ASCII file with Dose