

Out-of-field doses in pediatric photon and proton radiotherapy – Summary of the EURADOS WG9 activity

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The EURADOS Working Group 9 (Radiation Dosimetry in Radiotherapy) is engaged in a measurement campaigns designed to investigate secondary radiation doses inside a paediatric anthropomorphic phantom exposed to scanning proton radiotherapy and also to different photon radiotherapy modalities. The main goals were as to analyse and compare organ doses from secondary neutron and gamma radiation fields inside child anthropomorphic phantoms with different types of solid state detectors. The results were compared with measured secondary doses during different photon therapy modalities for similar case of brain treatment in children. In the presentaion the summary of the experiments and main findings will be shown.

Přihlásit do soutěže

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