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Technology Insight: proton beam radiotherapy for treatment in pediatric brain tumors

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CORRIGENDUM

In the December 2004 issue, Figure 3a in the Technology Insight review by Yock and Tarbell incorrectly depicts photons and intensity-modulated radiation therapy (IMRT) rather than protons and photons (X-rays). Protons have a sharp radiation dose reduction with no exit dose deposited to normal tissues beyond the tumor. Therefore, the color wash gradient depicting radiation dose is sharp and the dose homogeneity is better compared with X-rays. The percentages on the color wash dose scale shown to the right of the figure should read 30%, 80% and 120%, respectively. The correct figure is reproduced below with the original published legend.

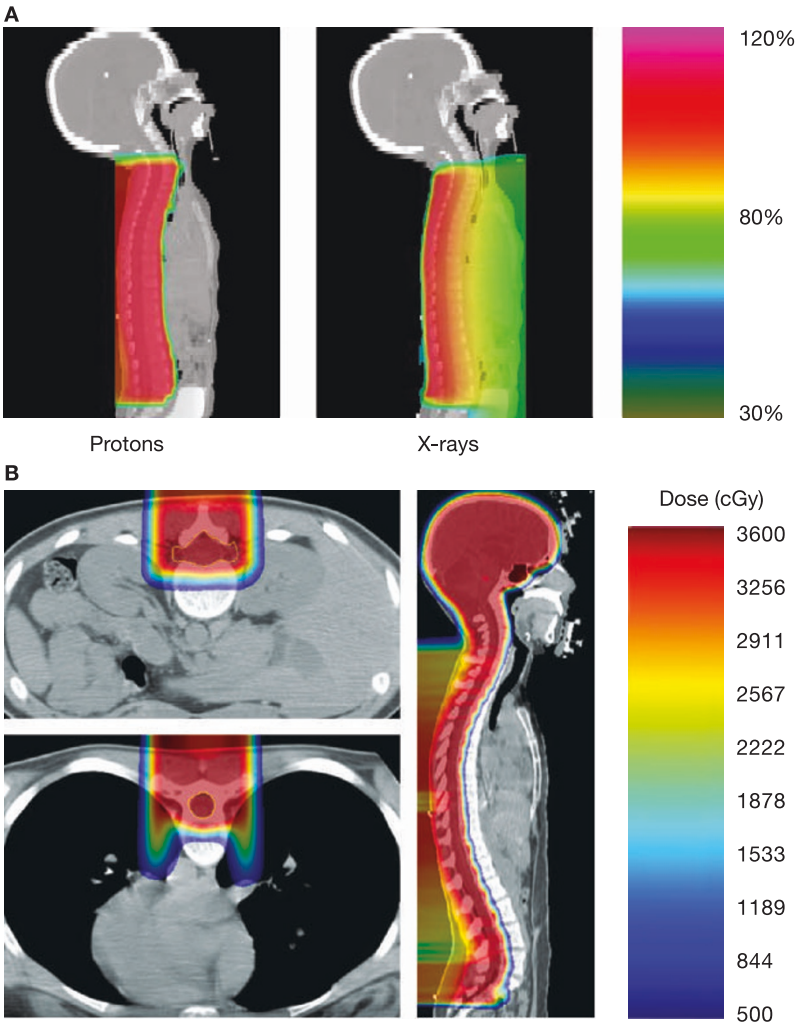

Figure 3 Differences in doses delivered to the spine and body using photons (X-rays) and protons. (**A**) Radiation dose to the spine and anterior structures using protons and X-rays for comparison. (**B**) Radiation dose to the vertebral body when only the thecal sac is treated in a patient who is fully grown.