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This erratum clarifies one point and corrects a typographical error in the supplement to the updated AAPM Task Group No. 43 Report (AAPM TG-43U1S1).1 In Sec. III.B., clarifications on recommended interpolation and extrapolation methods for the 1D anisotropy function \( \phi_{an}(r) \) were presented. Equations (1) and (2) of the TG-43U1S1 report demonstrated extrapolation methods of \( \phi_{an}(r) \) for \( r < r_{\text{min}} \). However, Eq. (1) should have been

\[
\phi_{an}(r) = \phi_{an}(r_{\text{min}}) \frac{r_{\text{min}}^2 G_L(r_{\text{min}}, \theta_0)}{r^2 G_L(r, \theta_0)} \quad \text{for} \quad r < r_{\text{min}}, \tag{1}
\]

Equation (2) contained a typographical error and should have been

\[
\phi_{an}(r) = \phi_{an}(r_{\text{min}}) \frac{\int_{4\pi} G_L(r, \theta) d\Omega / G_L(r_{\text{min}}, \theta_0)}{\int_{4\pi} G_L(r_{\text{min}}, \theta) d\Omega / G_L(r_{\text{min}}, \theta_0)} \quad \text{for} \quad r < r_{\text{min}}, \tag{2}
\]

where the extrapolated \( \phi_{an}(r) \) is the product of \( \phi_{an}(r_{\text{min}}) \) and the ratio of the geometry function integrated over all space divided by the geometry function on the transverse plane at \( r \) and \( r_{\text{min}} \).

These equations were used correctly to calculate the data in columns 4 and 5 of Table XII of TG-43U1S1, but were included incorrectly in the report text. The AAPM Low Energy Brachytherapy Source Dosimetry Work Group appreciates the contributions to this erratum from Dr. Keith Furtani, who brought the errors to our attention.

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