



Corrigendum: A Simpler Energy Transfer Efficiency Model to Predict Relative Biological Effect for Protons and Heavier Ions

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A corrigendum on

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An error was caused by inaccurate transcription of one equation from the computer programmes in the above paper (1). On page 4 of the above article, in the paragraph before Eq. 9, the biological ‘inefficiency’ should be expressed by $(LET_x - LET_U)/(LET_x - LET_C)$, that is the local energy deposition (LET_x) in excess of the maximum efficiency energy deposition (LET_U), divided by the local energy deposition that exceeds that imparted by the control radiation (LET_C).

This means that Eq. 9 should be modified to be:

$$\alpha_H = \alpha_L + \left(1 - \frac{LET_x - LET_U}{LET_x - LET_C}\right) \cdot (\alpha_U - \alpha_L)$$

The author apologises for this error, although is pleased to state that the graphical displays were all achieved using the correct equation as given above.

REFERENCE

1. Jones BA. Simpler energy transfer efficiency model to predict relative biological effect for protons and heavier ions. *Front Oncol* (2015) 5:184. doi:10.3389/fonc.2015.00184

Conflict of Interest Statement: The author declares that the research was conducted in the absence of any commercial or

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