Errata: Hardware acceleration of a Monte Carlo simulation for photodynamic therapy treatment planning

William Chun Yip Lo
University of Toronto
Department of Medical Biophysics
Rm. 8-324
610 University Avenue
Toronto, Ontario M5G 2M9 Canada

Keith Redmond
Jason Luu
Paul Chow
Jonathan Rose
University of Toronto
The Edward S. Rogers Sr. Department of Electrical and Computer Engineering
10 King’s College Road
Toronto, Ontario M5S 3G4

Lothar Lilge
Princess Margaret Hospital
Ontario Cancer Institute
University of Toronto
Department of Medical Biophysics
Rm. 7-416
610 University Avenue
Toronto, Ontario M5G 2M9 Canada

This article [J. Biomed. Opt. 14, 014019 (January/February 2009)] was originally published online on 27 February 2009 with errors. All online versions of the article were corrected on 17 March 2009. A listing of the corrections follows here:

1. The title was changed from “Hardware acceleration of a Monte Carlo simulation for photodynamic treatment planning” to “Hardware acceleration of a Monte Carlo simulation for photodynamic therapy treatment planning.”
2. In the first paragraph of Section 3.2, the second to the last sentence was changed from “Structural design requires that a hardware design specifying...” to Structural design requires a hardware designer to specify...”
3. Equation (1) was changed from
   \[ \mu_z' = \frac{\sin \theta (\mu_x \mu_z \cos \psi - \mu_x \sin \psi)}{\sqrt{1 - \mu_z^2 + \mu_x \cos \theta}}. \]
   to
   \[ \mu_z' = \frac{\sin \theta (\mu_x \mu_z \cos \psi - \mu_x \sin \psi)}{\sqrt{1 - \mu_z^2}} + \mu_x \cos \theta. \]
4. The reference mentioned in the paragraph above Eq. (1) on page 4 was changed from 16 to 17.
5. On page 5, last paragraph of Section 4.1, the sentence “This is possible because the result from only two of the three modules is used...” has been changed to “This is possible because the result from only either modules 4b and 4c or module 4a alone is used...”
6. Under the column “Clock Speed” in Tables 3(a) and 3(b), row “TM-4,” the value was changed from 40 MHz to 41 MHz.