Erratum: Monte Carlo investigation of the dosimetric effect of the Autoscan ultrasound probe for guidance in radiotherapy

Martyn, Michael, O'Shea, Tuathan, Harris, Emma, Bamber, Jeffrey, Gilroy, Stephen, et al.
Erratum: Monte Carlo investigation of the dosimetric effect of the Autoscan ultrasound probe for guidance in radiotherapy

Michael Martyn, National Univ. of Ireland, Galway (Ireland), Tuathan O'Shea, Emma Harris, Jeffrey Bamber, Stephen Gilroy, Institute of Cancer Research (United Kingdom) and Royal Marsden NHS Foundation Trust (United Kingdom), and Mark J. Foley, National Univ. of Ireland, Galway (Ireland)

Proc. SPIE 9790, Medical Imaging 2016: Ultrasonic Imaging and Tomography, 97900N (April 1, 2016); doi: 10.1117/12.2216653

Online Publication Date: 1 April 2016
Revised: 10 January 2017

Conference Date: 28-29 February 2016
Conference Location: San Diego, California, United States
Conference Title: Medical Imaging 2016: Ultrasonic Imaging and Tomography
Conference Chairs: Neb Duric, Brecht Heyde

A revised version of this paper, originally published on 1 April 2016, was published on 10 January 2017. To correct for a set-up error, the simulated treatment plan was re-run using CT images of a solid water phantom with/without the Autoscan™ US probe in contact with its surface. The revised paper is available at http://dx.doi.org/10.1117/12.2216653.

Changes to original proceedings:

Section 2.2
1. A solid water phantom is employed as opposed to a Rando phantom.
2. Figure 1 is changed to illustrate new phantom.

Section 2.3
1. New treatment isocentre.
2. Figure 3 is changed to illustrate dose distribution in new phantom.

Section 3.2
1. Text of first paragraph has been revised to reflect new results.
2. Table 2 has been revised to reflect new results.
3. Figure 6 has been revised to reflect new results.

Section 4
1. Text of second paragraph has been revised to reflect new results.