

## Erratum: “Coverage-based treatment planning to accommodate deformable organ variations in prostate cancer treatment” [*Med. Phys.* 41(10), 101705 (14pp.) (2014)]

Huijun Xu<sup>a)</sup>

*Department of Radiation Oncology, University of Maryland, Baltimore, Maryland 21201*

Douglas J. Vile

*Department of Radiation Oncology, Virginia Commonwealth University, Richmond, Virginia 23298*

Manju Sharma

*Department of Radiation Oncology, University of Rochester Medical Center, Rochester, New York 14642*

J. James Gordon

*Department of Radiation Oncology, Henry Ford Health System, Detroit, Michigan 48202*

Jeffrey V. Siebers

*Department of Radiation Oncology, University of Virginia, Charlottesville, Virginia 22908*

(Received 24 April 2016; accepted for publication 28 April 2016; published 1 June 2016)

[<http://dx.doi.org/10.1118/1.4950704>]

A typographical error which does not affect any results or conclusion was found in Table II of our paper.<sup>1</sup> For the sake of clarification,  $BED_i$  in Table II should be written as  $EQD_i$ , which is the equivalent dose with fractional dose 2 Gy for voxel  $i$ .  $EQD_i$  is expressed as

$$EQD_i = D_i \cdot \frac{\alpha/\beta + D_i/n}{\alpha/\beta + 2}.$$

Therefore, gBEUD used for TCP and NTCP calculations is

$$gBEUD = \left( \sum_i v_i \cdot EQD_i^a \right)^{1/a}.$$

Thanks to Dr. Satoshi Tanabe for pointing out this error.

<sup>a)</sup>Author to whom correspondence should be addressed. Electronic mail: [hjxu111@gmail.com](mailto:hjxu111@gmail.com); Telephone: 443-546-1316; Fax: 443-546-1303.

<sup>1</sup>H. Xu, D. J. Vile, M. Sharma, J. James Gordon, and J. V. Siebers, “Coverage-based treatment planning to accommodate deformable organ variations in prostate cancer treatment,” *Med. Phys.* 41(10), 101705 (14pp.) (2014).