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## Erratum: Macroscopic singlet oxygen modeling for dosimetry of Photofrin-mediated photodynamic therapy: an in-vivo study

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This article [J. Biomed. Opt. 21(8), 088002 (2016)] was originally published online on 23 August 2016 with an error in Figure 2 and the constants  $C_{01}$ ,  $C_{02}$ ,  $b_1$ , and  $b_2$  in Eq. (2). This erratum is published to correct Sec. 2.5 and Fig. 2(a).

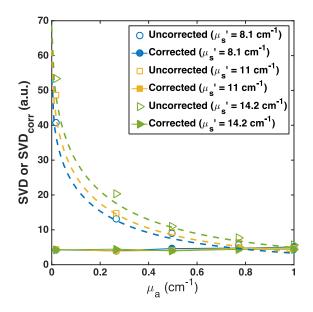


Fig. 2 (a) Fluorescence single value decomposition (SVD) amplitude for phantom experiments with different optical properties with the same Photofrin concentration.

Section 2.5 "Measurement of the Photofrin Concentration in Tumors" should read:

The attenuation of Photofrin fluorescence signal due to the light absorption and scattering by tissue was corrected by applying an empirical correction factor (CF)

$$CF = \frac{C_{01} + C_{02}\mu_s'}{\mu_s'} \cdot \exp[(b_1 + b_2\mu_s') \cdot \sqrt{3\mu_a\mu_s'}],\tag{2}$$

where constants  $C_{01}=0.30\pm0.11,~C_{02}=0.035\pm0.019,~b_1=0.78\pm0.11,~and~b_2=-0.026\pm0.014$  were determined from fitting the fluorescence SVD for phantoms with different  $\mu_a$  and  $\mu_s'$ . The correction factor is specific to the probe and the semi-infinite geometry set-up used for the measurements.

The paper was corrected online on 23 March 2017.