

Erratum: “Strategies to improve the signal and noise performance of active matrix, flat-panel imagers for diagnostic x-ray applications” [Med. Phys. 27, 289–306 (2000)] and “Determination of the detective quantum efficiency of a prototype, megavoltage indirect detection, active matrix flat-panel imager” [Med. Phys. 28, 2538–2550 (2001)]

Larry E. Antonuk, Youcef El-Mohri, and Yi Wang
Department of Radiation Oncology, University of Michigan, 519 W. William St., Argus Building 1, Ann Arbor, Michigan 48103-4943

(Received 18 October 2005; accepted for publication 18 October 2005; published 28 December 2005)

[DOI: 10.1118/1.2135910]

In this Erratum, we present corrections to typographical errors, of a common origin, that have appeared in several equations in two Medical Physics publications.

In the case of the publication in Med. Phys. 27, Eqs. (6a) and (6b) should have been written as:

$$DQE(u, \nu) = \frac{\bar{g}_1 \bar{g}_2 \bar{g}_4 T_3^2(u, \nu) T_5^2(u, \nu)}{[1 + \bar{g}_4(\bar{g}_2 + \varepsilon_{g2}) T_3^2(u, \nu)] T_5^2(u, \nu) * * III(u, \nu)} + \frac{S_{add}(u, \nu)}{a_{coll}^4 \bar{q}_0 \bar{g}_1 \bar{g}_2 \bar{g}_4} \quad (6a)$$

$$DQE(u, \nu) = \frac{\bar{g}_1 \bar{g}_3 \bar{g}_4 T_2^2(u, \nu) T_5^2(u, \nu)}{[1 + \bar{g}_4(\bar{g}_3 + \varepsilon_{g3})] T_5^2(u, \nu) * * III(u, \nu)} + \frac{S_{add}(u, \nu)}{a_{coll}^4 \bar{q}_0 \bar{g}_1 \bar{g}_3 \bar{g}_4} \quad (6b)$$

Similarly, in the case of the publication in Med. Phys. 28, Eq. (8) should have been written as:

$$DQE(u, \nu) = \frac{\bar{g}_1 \bar{g}_3 \bar{g}_5 T_2^2(u, \nu) T_4^2(u, \nu) T_6^2(u, \nu)}{[1 + \bar{g}_5(\bar{g}_3 + \varepsilon_{g3}) T_4^2(u, \nu)] T_6^2(u, \nu) * * III(u, \nu)} + \frac{S_{add}(u, \nu)}{a_{pd}^4 \bar{q}_0 \bar{g}_1 \bar{g}_3 \bar{g}_5} \quad (8)$$

In both publications, no other equations were affected by these errors and all calculational results appearing in the papers were performed according to correct expressions. We sincerely apologize for any inconvenience to the reader.