

ERRATA

Raphex 2013 Diagnostic

Page 2, question D5 The correct answer is 3.725%. All of the listed choices are incorrect.

$$\begin{aligned}\text{Standard deviation of net count} &= (\sigma N g^2 + \sigma b g^2)^{1/2} \\ &= (1600 + 400)^{1/2} \\ &= 44.7\end{aligned}$$

$$\% \text{ SD of net count} = 44.7/1200 = 3.725\%$$

Page 8, question D30 The correct answer is C. The CTDI_{vol} is obtained by multiplying CTDI_w by 1/pitch.

Page 27, question D111 The correct answer is D.

Page 28, question D116 As printed, answers A and B are both correct. Answer C should have read “INCREASED with kVp.” With this change, the correct answer is “D. all of the above.”

(RAMPS is indebted to Dr. Mahendra Patel of the Tripler Army Medical Center for his corrections to these questions.)