

ERRATA

Raphex 2024 Diagnostic

ANSWER BOOKLET

D78 The answer for question D78 is 12.6, so the correct item letter is D, not A.

D. PET images are routinely parameterized in terms of the SUV, defined as the activity concentration in tissue (kBq/g) divided by the activity (kBq) administered per unit body mass (g). For a lesion with an activity concentration of $62 \text{ kBq}/1.5 \text{ g} = 41.3 \text{ kBq/g}$ in a patient with a total body mass of 45 kg or 45,000 g who received an administered activity of 148 MBq or 148,000 kBq, the SUV is $41.3 \text{ kBq/g} / (148000 \text{ kBq} / 45000 \text{ g}) = 41.3 \text{ kBq/g} / 3.28 \text{ kBq/g} = 12.6$.

05-10-2024