Effective dose from radiopharmaceuticals

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An unfortunate error in the calculation program resulted in too high effective dose values for a minor fraction of the substances listed. For the iron isotopes, ⁵¹Cr and ^{99m}Tc labelled erythrocytes, ^{99m}Tc and ¹²³I labelled fibrinogen and for ^{99m}Tc HSA, the error can be considered as significant in relation to the overall uncertainty of the effective dose estimates. The correct value for these substances is therefore given below.

Table 1. Effective dose per unit administered activity

Radionuclide	Substance	E (mSv/MBq)
⁵¹ Cr	Cr-labelled erythrocytes	1.7E–01
⁵² Fe	Iron	1.1E+00
⁵² Fe	Iron (Oral administration)	7.1E–01
⁵⁵ Fe	Iron	4.0E+00
⁵⁵ Fe	Iron (Oral administration)	4.2E–01
⁵⁹ Fe	Iron	1.0E+01
⁵⁹ Fe	Iron (Oral administration)	2.0E+00
^{99m} Tc	Tc-labelled albumin (HSA)	6.1E–03
^{99m} Tc	Tc-labelled fibrinogen	6.2E–03
^{99m} Tc	Tc-labelled erythrocytes	6.6E–03
¹²³ I	Iodine-labelled fibrinogen	2.0E–02