

A method for measuring the absolute sensitivity of positron emission tomographic scanners

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Equations 1 (page 375) and 2 (page 376) should have read as follows:

$$\text{Activity (MBq.cm}^{-3}\text{)} = \frac{\text{Reconstructed value (counts.s}^{-1}\text{.pixel}^{-1}\text{)}}{\text{Sensitivity (counts.s}^{-1}\text{.MBq}^{-1}\text{)} \times \text{pixel volume (cm}^3\text{.pixel}^{-1}\text{)}} \quad (1)$$

$$\text{Activity.cm}^{-3} = \frac{\text{Reconstructed cts.s}^{-1} \times n\text{views} \times (\Delta/s)^2}{\text{.pixel}^{-1}\text{.plane}^{-1}} \times \frac{1}{\Delta^2 \times \text{plane thickness}} \times \frac{1}{\text{abs sensitivity factor (counts.s}^{-1}\text{.MBq}^{-1}\text{)}} \quad (2)$$