

Answer:

c. 3.7 MBq

Key issues with this question and answer: It is important to understand the distinction between minor spills, involving only 3.7 MBq (100 μ Ci) or less of activity, and major spills of greater than that amount of activity. Whereas minor spills are easily handled and active decontamination procedures for these are appropriate and straightforward, most spills in Nuclear Cardiology exercise test areas are major spills, for which the wisest course of action is to not attempt decontamination but rather seal off the area until survey meter radiation exposure readings drop below safe levels.