



Volume 15, Lesson 3

Quality Control of Compounded Radiopharmaceuticals

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AUDIENCE:

Pharmacists

ACTIVITY TYPE:

Knowledge

DISCLOSURE:

The Author does not hold a vested interest in or affiliation with any corporate organization offering financial support or grant monies for this continuing education activity, or any affiliation with an organization whose philosophy could potentially bias the presentation.

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Objective:

Upon successful completion of this CE lesson, the participant should be able to discuss the general concepts and processes associated with the quality control procedures of radiopharmaceuticals. Specifically, the participant should be able to:

1. Discuss the various types of quality control procedures involved in the compounding of radiopharmaceuticals and the importance of each.
2. Understand the principles of radiochemical purity testing.
3. Select the proper media and solvents for radiochemical analyses.
4. Determine which counting instruments to use for radiochemical analyses.
5. Define the steps necessary in developing and validating an alternate procedure to that prescribed in the manufacturer's package insert.
6. Identify potential pitfalls in radiochemical testing that could lead to false results.
7. Explain the principles of radionuclidic purity testing.
8. Discuss the potential pitfalls in performing radionuclidic purity testing.
9. Describe the procedures for performing quality control for a chemical contaminant.
10. Describe procedures for identifying pharmaceutical concerns.
11. List quality control procedures for Positron Emission Tomography radiopharmaceuticals.

Instructions:

Upon purchase of this Volume (\$150), you will have gained access to this lesson and corresponding assessment via the following link:

<http://hsc.unm.edu/pharmacy/radiopharmacyCE/>

To receive a Statement of Credit you must:

1. Review content
2. Complete assessment, submit answers online with 70% correct (you will have 2 chances to pass)
3. Complete lesson evaluation

Once all requirements are met, a Statement of Credit will be available in your workspace. At any time you may "View the Certificate" and use the print command of your web browser to print the completion certificate for your records.



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If you have any questions or concerns please contact me at 505-272-3125 or by email.

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