

Pediatric Nuclear Medicine Dosing Questionnaire

1. Which of the following options best describes the area in which your hospital is located?
 - Rural, population < 30,000
 - Suburban, population between 30,000 and 500,000
 - Urban, population > 500,000

2. Which of the following options best describes the type of hospital in which your nuclear medicine department/division is located?
 - Community hospital, nonteaching
 - Community hospital, teaching
 - Large academic hospital
 - Government-affiliated hospital
 - Other, please specify: _____

3. Is your hospital affiliated with a medical school?
 - Yes
 - No

4. Do residents regularly rotate through your hospital?
 - Yes
 - No

5. Do medical students regularly rotate through your hospital?
 - Yes
 - No

6. How many physicians of each of the following types are interpreting nuclear medicine studies in your nuclear medicine department/division? _____

7. How many nuclear technologists are working in your nuclear medicine department/division? _____

8. Approximately how many nuclear medicine studies does your department/division acquire annually?
 - Less than 3,000
 - Between 3,000 and 6,000
 - More than 6,000

9. Does your department/division perform any nuclear medicine examinations on children?
 - Yes
 - No

10. Approximately how many nuclear medicine examinations on children does your department perform annually?

11. Which of the following radiopharmaceuticals does your department/division normally use for nuclear medicine examinations in children?
 - MDP
 - MAG-3
 - DMSA
 - IDA derivatives
 - Whole-body FDG PET

12. Does your department scale the administered radiopharmaceutical dose of MDP for smaller children?
 - Yes
 - No

13. How do you determine in your department, most of the time, the administered radiopharmaceutical dose of MDP for smaller children?

- Scale by body weight
- Scale by body surface area
- Scale by age
- Scale by other method, please specify: _____

For each of the 5 nuclear medicine procedures listed in Question 11, answer Questions 14–18.

14. What is your MBq/kg value? _____

15. Do you specify a minimum dose of MDP for the very small pediatric patients?

- Yes
- No

16. What is your department's minimum dose in MBq for very small pediatric patients? _____

17. What is your maximum administered dose in MBq for a large pediatric patient? _____

18. What would be your department's administered radiopharmaceutical dose in MBq for the following 2 hypothetical patients?

A 5-year-old boy, 20 kg, 110 cm tall _____

A 10-year-old girl, 30 kg, 140 cm tall _____

19. Are you familiar with the 2010 Pediatric Radiopharmaceutical Administered Doses North American Consensus Guidelines?

- Yes
- No

20. Are you familiar with the Image Gently campaign and the "Go with the Guidelines" poster?

- Yes
- No

21. As a result of these guidelines, did you alter any of your image protocols with respect to the amount of administered activity?

- Yes
- No