

Recommended Breast Feeding Interruption Schedule

Radiopharmaceutical	Activity which Require Instruction	Activity which Require Record	Recommended Breast-Feeding Interruption Time
I-131 NaI	0.0004 mCi	0.0002 mCi	Complete cessation
I-123 NaI	0.5 mCi	3 mCi	Complete cessation
I-123 OIH	4 mCi	20 mCi	No cessation
I-123 MIBG	2 mCi	10 mCi	48hr/10 mCi ² 12hr/4 mCi
I-125 OIH	0.08 mCi	0.4 mCi	No cessation
I-131 OIH	0.30 mCi	1.5 mCi	No cessation
Tc-99m DTPA	30 mCi	150 mCi	No cessation
Tc-99m MAA	1.3 mCi	6.5 mCi	12.6 hr/4 mCi
Tc-99m Pertechnetate	3 mCi	15 mCi	24hr/30 mCi 12hr/12 mCi
Tc-99m DISIDA	30 mCi	150 mCi	No cessation
Tc-99m Glucoheptonate	30 mCi	170 mCi	No cessation
Tc-99m HAM	10 mCi	50 mCi	No cessation
Tc-99m MIBI/Myoview	30 mCi	150 mCi	3hr/30 mCi ¹ 6hr/60 mCi ¹
Tc-99m MDP	30 mCi	150 mCi	No cessation
Tc-99m PYP	25 mCi	120 mCi	No cessation
Tc-99m RBC In-Vivo Labeling	10 mCi	50 mCi	12hr/ 20 mCi ²
Tc-99m RBC In-Vitro Labeling	30 mCi	150 mCi	No cessation
Tc-99m Sulfur Colloid	7 mCi	35 mCi	6hr/12 mCi
Tc-99m DTPA Aerosol	30 mCi	150 mCi	No cessation
Tc-99m MAG3	30 mCi	150 mCi	No cessation
Tc-99m WBC	4 mCi	15 mCi	48hr/5 mCi ² 12hr/2 mCi
Ga-67 Citrate	0.04 mCi	0.2 mCi	1 month/4 mCi 2 weeks/1.3 mCi 1 week/0.2 mCi
Cr-51 EDTA	1.6 mCi	8 mCi	No cessation
In-111 WBC	0.2 mCi	1 mCi	1 week/0.5 mCi
Tl-201 Chloride	1 mCi	5 mCi	96hr/<3 mCi ² 2 weeks/3 mCi ¹ Complete Cessation/>5 mCi

The duration of interruption of breast-feeding is selected to reduce the maximum dose to a newborn infant to less than 1 millisievert (0.1 rem), although the regulatory limit is 5 millisieverts (0.5 rem). The actual doses that would be received by most infants would be far below 1 millisievert (0.1rem). Of course, the physician may use discretion in the recommendation, increasing or decreasing the duration of interruption.

1. Adapted from US Nuclear Regulatory Commission, NUREG-1556, Volume 9, Appendix U; Table U.3 and NUREG-1492.

2. Stabin and Breitz. Journal of Nuclear Medicine 2000; 41: 863-873