

Radiologic Exam on Breastfeeding Patient

You are breastfeeding and will be given a contrast agent as part of a test. A very small amount (less than 1%) of this product may be present in your breast milk. After each 2-hour period, 50% of the remaining quantity is eliminated; therefore, there is practically no trace of the product in your milk 12 hours after the test. In addition, less than 1% of the amount your child ingests through breast milk will be absorbed. The rest will remain in his/her stomach and pass through the intestines to be eliminated in the stool. This means that less than 0,01% of the dose administered to you could be absorbed by your child, a minuscule amount. The risk of sensitization/allergic reaction and direct toxicity remains theoretical, as no cases have been reported in the scientific literature. Therefore, you may continue breastfeeding as normal.

You may also receive a related medication available at the radiology department supply. As with the contrast agent you will receive, this medication may be present in your breast milk, but in very small amounts. A review of the scientific literature on its use in the context of breastfeeding revealed no problems. If in doubt, the radiology team can contact a pharmacist at the pharmacy department to find out what information to give you. Please don't hesitate to ask your questions and for clarification. Except in very rare cases, you may continue breastfeeding as normal.

References

- American College of Radiology. Administration of Contrast Media to Breastfeeding Mothers. ACR Manual on Contrast Media. Version 10.1. 2015: 99-100. Online at:
http://www.acr.org/~media/ACR/Documents/PDF/QualitySafety/Resources/Contrast%20Manual/2015_Contrast_Media.pdf#page=103
- Department of Medical Imaging. Breastfeeding and IV Contrast for CT & MRI. Halton Healthcare 2010. 1 page. Online at: https://www.haltonhealthcare.on.ca/site_Files/Content/Documents/Docs/breastfeeding.pdf
- Hamilton Regional Lactation Committee. Breastfeeding after a CT Scan with contrast dye. Hamilton Health Sciences 2012. 2 pages. Online at:
<http://www.hamiltonhealthsciences.ca/documents/Patient%20Education/BreastfeedAfterCTScanContrastMedia-lw.pdf>
- Newman J. Breastfeeding and radiologic procedures. Can Fam Phys 2007; 53: 630-1. Online at:
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1952588/pdf/050630.pdf>