



GUIDELINES AND CONSENT FOR LACTATING PATIENTS HAVING AN MRI WITH CONTRAST

The contrast agent that will be used during your MRI procedure is called gadolinium. It is excreted in very low concentrations (0.012% of the total dose in breast milk) over a 33 hour period after your exam. The peak concentration is at approximately 4.75 hours and decreases to a level of 1/5 within 22 hours (0.0004%). OAI will administer the lowest amount of gadolinium possible for your exam.

Review of literature shows no evidence to suggest that oral ingestion by an infant of the tiny amount of gadolinium contrast agent excreted into breast milk would cause an adverse effect. Therefore, the available data suggests that it is safe for the mother and infant to continue breast-feeding after receiving gadolinium. ¹

If a lactating mother remains concerned she may choose to follow the protocol listed below:

Before your MRI scan: Use a breast pump to obtain enough milk to feed your infant during the 24-hour period following your MRI

After your MRI scan: Continue pumping during the first 24-hours after your exam but discard the pumped milk. Use breast milk which was pumped before MRI exam to feed your child

If you have any questions, please call Oregon Advanced Imaging at (541) 608-0350.

Consent:

I understand and have received a copy of this form.
I am consenting to an MRI with contrast.

Printed Name

Signature

Date

1: American College of Radiology, Manual on Contrast Media, 5th Edition, 2004
February 24, 2010