



# MRI

## Department of Radiology



**FOR ALL PREGNANT PATIENTS**

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The Food and Drug Administration and the American College of Radiology state that MRI may be used in pregnant patients if other non-ionizing imaging is not adequate. However, both organizations state that you should be informed that although no adverse effect has been recorded in humans, the absence of risk to the fetus is not known with certainty.

If intravenous gadolinium is required for the specific MR exam you will be receiving, a radiologist or your physician will discuss this specifically with you and you will be asked to give consent to administer this. Gadolinium has been shown to cross the placenta into the fetus. One form of gadolinium (gadopentate dimeglumine) has been shown to retard development slightly in rats given in doses 2.5 times the human dose and in rabbits at 7.5 times the human dose. Gadolinium should only be given when its benefits clearly outweigh its potential risks.