

MRI CONTRAST DOSES FOR ADULTS

IV CONTRAST

- Clarisan/Dotarem & Multihance – Use weight-based protocol (0.2 mL/kg up to 20 mL) unless otherwise specified in a specific protocol.
- Gadavist – Use weight-based protocol (0.1 mL/kg up to 10 mL) unless otherwise specified in a specific protocol.
- Eovist – Administer 10 mL contrast regardless of patient's weight.
- Feraheme – Use weight-based protocol (2 mg Fe / kg up to 510 mg iron or 1 bottle) diluted to 60 mL with sterile normal saline. Injected at 2 mL/sec followed by a 40 mL saline flush. Feraheme is 30 mg Fe per mL (510 mg iron per 17 mL bottle). Pharmacy handles making the contrast dilution using sterile water per USP797.

ORAL CONTRAST

- Enterography – Oral CitraSelect or Volumen 450 mL bottle - 1 bottle 45 mins, 1 bottle 30 mins and 1 bottle 15 mins prior to the examination.
- Negative (T2 Dark) Oral Contrast
 - 450 mL pineapple juice consumed 30 mins prior to MRCP.
 - 450 mL pineapple juice consumed 45 mins and another 450 mL consumed 20 mins prior to enterography.
 - Only use pineapple juice if instructed to do so.

BLADDER CONTRAST

- Only administered with radiologist approval (rare situations).
- Contrast dilution is 4 mL Clariscan/Dotarem or 2 mL Gadavist diluted to 500 mL with sterile normal saline. Never use tap water for bladder contrast.
- Clamp the patient's Foley catheter prior to beginning examination.
- Fill the patient's bladder via Foley catheter under gravity with up to 300 mL of diluted contrast. Stop infusing contrast if the patient experiences significant pain.
- Remember to unclamp the Foley at the end of the examination.
- At St Vincents locations Pharmacy makes the contrast mixture using sterile normal saline per USP797 requirements.
- At Optimal locations only use sterile normal saline (never use tap water).