

## **MRI CONTRAST DOSES**

- **IV Contrast**

- Clarisan, Dotarem and Multihance – 0.2 mL/kg up to 20 mL unless otherwise specified in a protocol.
- Gadavist – 0.1 mL/kg up to 10 mL unless otherwise specified in a protocol.
- Eovist – 10 mL regardless of patient weight.
- Feraheme – 2 mg/kg iron (up to 510 mg iron or one 17 mL bottle) diluted to 60 mL with sterile normal saline. Injected at 2 mL/sec followed by 40 mL saline flush. Feraheme is 30 mg iron per mL (510 mg iron per 17 mL bottle). Pharmacy prepares 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 Oral Contrast – 450 mL pineapple juice consumed 30 mins prior to MRCP. Or 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.
- Contrast dilution is 4 mL Clariscan/Dotarem or 2 mL Gadavist added to 498 mL normal saline.
- Clamp Foley prior to beginning exam. Fill bladder via Foley under gravity with up to 300 mL contrast mixture. Stop infusing contrast if the patient experiences significant pain. Remember to unclamp the Foley at the end of the exam.
- At St Vincents locations Pharmacy handles preparing the contrast dilution using sterile normal saline per USP797 requirements.
- Only use sterile normal saline (never use tap water).