

FLUORO CONTRAST AGENT DOSES FOR ADULTS

ORAL CONTRAST

- Thin Barium – MD barium or E-Z Paque 96% w/w – bottle contents filled to top with water.
- Thick Barium – HD barium 98% w/w – bottle contents mixed with 67 mL water.

RECTAL CONTRAST

- Barium for Single Contrast – Polibar 105% w/v 58% w/w – volume mixed with equal volume water.
- Barium for Double Contrast – Polibar 105% w/v 58% w/w – 1 part mixed with 5 parts water.
- Water Soluble – undiluted Omnipaque-350.
- If only concerned with sigmoid colon and rectum, 300 mL of contrast mixture is usually sufficient. If evaluating the entire colon, 600-1000 mL is needed. Stop infusing contrast if the patient experiences significant pain.

BLADDER CONTRAST

- Contrast dilution is 250 mL Omnipaque-300 diluted to 500 mL with sterile normal saline.
- 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 contrast mixture. 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).

MYELOGRAPHY

- Omnipaque-240 or 300 – choice of contrast agent and volume administered depends on the segment of spine being imaged and radiologist preference.

ARTHROGRAPHY

- Omnipaque-300 – volume administered depends on joint being injected and radiologist preference.