



Contrast Protocols

CT Contrast Dosing Protocol

Isoview 370 or Omnipaque 350 will be administered intravenously for CT and CTA exams ordered with IV contrast at a rate of 2.5ml/sec for CTs and 4ml/sec for CTAs.

A standard dose is given related to the weight of the patient

- Weight < 45.5kg: 1cc per kg (2.2)
- Weight > 45.5 kg: 100cc

MRI Contrast Dosing Protocol

For MRIs ordered with IV Contrast, Prohance will be administered for adult, pediatric, and term neonate patients at 0.1 mmol/kg using this calculation for dose:

Prohance Dose = (0.1 mmol/kg x patient weight in kg) /0.5M (Prohance Concentration)

If the calculated dose is not a whole number, it will be rounded to the nearest whole number.

Oral Contrast Dosing Protocol

Gastrografin will be given orally to patients when a CT is ordered with oral contrast.

The dose is Patient > 80 lbs 30 ml of Gastrografin in 1000ml of water and 5 years to < 80 lbs 30 ml of Gastrografin in 500 ml of water. The CT technologist will mix 15 ml of gastrografin into two 16 oz (500 ml) bottles of water and give it to the patient to drink in 30 minutes. In patients less than 80 pounds, the CT Technologist will mix 30ml of gastrografin into one 500 ml bottle of water and give it to the patient to drink in 30 minutes. The technologist will wait 60 minutes after the patient is done drinking the gastrografin to do the CT scan.

Rectal Contrast Protocol

Gastrografin will be administered rectally to patients when a CT is ordered with rectal contrast.

Adult Dilution/Administration, patient is > 80 lbs

60 ML Gastrografin (2 bottles) mixed with 2000 cc's tap water

* Administer slowly until patient states they are full or uncomfortable

Pediatric Dilution/Administration Age 5 years to < 80lbs

30 ML Gastrografin (1 bottle) in 500cc's of tap water

* Administer slowly until patient states they are full or uncomfortable