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New change in Pediatric CT Oral Contrast Administration

Oral Contrast for outpatient pediatric imaging will now be [ISOVUE 370](#). Below are the correct mixing Imaging is implementing **Sept 1, 2017**. Dosing instructions are as followed. No changes to frequency or times given. Document oral amount on MAR

It is important to mix the oral contrast as instructed to ensure proper dilution of contrast. Improper dilution may cause the contrast to be too dense and will create artifact on the CT scan. The CT scan may be cancelled if the oral contrast is too dense or if there is remaining barium from prior study.

Newborn -6 months	50 ml water	3 ml Iovue 370
6months - 18 months	140 ml water	5 ml Iovue 370
18 months - 3 years	200 ml water	8 ml Iovue 370 based on water volume
3 years - 12 years	300 ml water	12 ml Iovue 370 based on water volume
12 years and above	480 ml	20 ml Iovue 370 / 480ml

Patient preparation for CT scan with oral contrast:

- Non – anesthesia - NPO 4 hours
- Pediatric Sedation Anesthesia – NPO 4 hours prior with check in to Imaging for oral contrast administration 2.5 hours prior to CT appointment. Followed by RN work up.

Note:

Mix contrast in clear liquids such as apple juice, water, 7-Up, Breeza

Contrast can be administered PO, or via NG tube, G tube or J tube over a period of 30 – 60 minutes. More time can be given if necessary.

Prior Imaging Contrast studies cannot be scheduled or done 72 hours before CT appointment. If there are questions, contact CT technologist or Radiologists