

CT CONTRAST DOSES FOR PEDIATRICS

IV Contrast

- The default contrast agent for pediatric patients is Omnipaque-300.
- GFR guidelines are the same as for adult patients.
- Volume (mL) of IV contrast administered = patient weight in lbs (or 2.2 x wt in kgs).

Oral Contrast

- Wait 45 mins after the patient finishes the oral contrast before imaging.
- Dilution is 30 mL Omnipaque-240 added to 500 mL of a noncarbonated beverage (e.g. water, juice, punch, milk).
- Volume (mL) of dilute oral contrast given = 5 x weight in lbs + 39 (or 11 x wt in kgs + 39).

Weight		IV Contrast (mL)	Dilute Oral Contrast	
Lbs	Kgs		(mL)	(oz)
10	4.5	10	88	3
15	6.8	15	112	4
20	9.1	20	137	5
25	11.3	25	161	5
30	13.6	30	185	6
35	15.9	35	210	7
40	18.1	40	234	8
45	20.4	45	259	9
50	22.7	50	283	10
55	24.9	55	307	10
60	27.2	60	332	11
65	29.5	65	356	12
70	31.8	70	381	13
75	34.0	75	405	14
80	36.3	80	429	15
85	38.6	85	454	15
90	40.8	90	475	16
95	43.1	95	475	16
100	45.4	100	475	16

- Use adult doses of IV and oral contrast for patients weighing >100 lbs.