

## **IV & ORAL CT CONTRAST DOSES FOR PEDIATRICS**

- **IV Contrast**
  - The default contrast agent is Omnipaque-300.
  - GFR guidelines are the same as for adults.
  - Volume (mL) of IV contrast administered = weight in lbs (or 2.2 x wt in kgs).
- **Oral Contrast**
  - Wait 45 mins after consumption before imaging the patient.
  - Dilution is 30 mL Omnipaque-240 added to 500 mL of a noncarbonated beverage (e.g. water, juice, punch, milk).
  - The volume in the below table is the volume of fluid given to the patient after the contrast has been diluted.
  - Volume (mL) of dilute oral contrast given = 5 x weight in lbs + 39 (or 11 x wt in kgs + 39).

Weight		IV	Oral	Oral
Lbs	Kgs	Contrast (mL)	Contrast (mL)	Contrast (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