

Gadolinium Based Contrast Dosing Charts:

Generic Name	Trade Name	Standard Dose (mmol/kg)	Maximum Dose ³	Concentration (mM)	Standard Dose Volume (100kg) ⁴
¹ Gadobenate Dimeglumine	Multihance	0.1mmol/kg	0.2mmol/kg	500mM	20ml
¹ Gadoxetic Acid	Eovist	0.05mmol/kg ²	0.05mmol/kg	250mM	20ml
¹ Gadofosveset Trisodium	Ablavar	0.03mmol/kg	0.05mmol/kg	250mM	12ml
¹ Gadodiamide	Omniscan	0.1mmol/kg	0.2mmol/kg	500mM	20ml
Gadoteridol	Prohance	0.1mmol/kg	0.2mmol/kg	500mM	20ml
Gadopentatate	Magnevist	0.1mmol/kg	0.2mmol/kg	500mM	20ml
Gadoterate meglumine	Dotarem	0.1mmol/kg	0.2mmol/kg	500mM	20ml
Gadoversetamide	Optimark	0.1mmol/kg	0.2mmol/kg	500mM	20ml
Gadobutrol	Gadavist	0.1mmol/kg	0.2mmol/kg	1000mM	10ml

¹ agents currently on formulary at UW

² package insert dose of Eovist is 0.025mmol/kg. Dose at UW is twice package insert dose and is an off-label dose

³ maximum recommended dose at UW. Note maximum dose of Eovist is 0.05mmol/kg

⁴ see weight based charts for other patient weights

Volume of Standard Dose of GBCA in ml based on Weight

Wgt (kg)	Multihance (0.1mmol/kg)	Eovist (0.05mmol/kg)	Ablavar (0.03mmol/kg)	Omniscan (0.1mmol/kg)	Prohance (0.1mmol/kg)	Magnevist (0.1mmol/kg)	Dotarem (0.1mmol/kg)	Optimark (0.1mmol/kg)	Gadavist (0.1mmol/kg)
2	0.4	0.4	0.2	0.4	0.4	0.4	0.4	0.4	0.2
5	1.0	1.0	0.6	1.0	1.0	1.0	1.0	1.0	0.5
10	2.0	2.0	1.2	2.0	2.0	2.0	2.0	2.0	1.0
20	4.0	4.0	2.4	4.0	4.0	4.0	4.0	4.0	2.0
30	6.0	6.0	3.6	6.0	6.0	6.0	6.0	6.0	3.0
40	8.0	8.0	4.8	8.0	8.0	8.0	8.0	8.0	4.0
50	10	10	6.0	10	10	10	10	10	5.0
60	12	12	7.2	12	12	12	12	12	6.0
70	14	14	8.4	14	14	14	14	14	7.0
80	16	16	10	16	16	16	16	16	8.0
90	18	18	11	18	18	18	18	18	9.0
100	20	20	12	20	20	20	20	20	10
110	22	22	13	22	22	22	22	22	11
120	24	24	14	24	24	24	24	24	12
130	26	26	16	26	26	26	26	26	13
140	28	28	17	28	28	28	28	28	14
150	30	30	18	30	30	30	30	30	15