

Recommended dosing for Clariscan™ (gadoteric acid) and Gadobutrol



Clariscan and Gadobutrol both have an approved standard dose of 0.1 mmol/kg bw for MRI^{1,2}

However, Gadobutrol is formulated at twice the concentration of Gd³⁺ ions per mL as other GBCAs, meaning the injection volume is reduced by half³

	Gadobutrol		Concentration	macrocyclic Clariscan™ gadoteric acid		
	1.0 M			0.5 M		
	0.1 mmol/kg b		Dose	0.1 mmol/kg bw		
	0.1 mL/kg bw		Injection volume	0.2 mL/kg bw		

Body weight, kg	5	10	15	20	25	30	40	50	60	70	80	90	100	110	120
1.0 M Gadobutrol	0.5 mL	1 mL	1.5 mL	2 mL	2.5 mL	3 mL	4 mL	5 mL	6 mL	7 mL	8 mL	9 mL	10 mL	11 mL	12 mL
0.5 M Clariscan	1 mL	2 mL	3 mL	4 mL	5 mL	6 mL	8 mL	10 mL	12 mL	14 mL	16 mL	18 mL	20 mL	22 mL	24 mL

[Click here for Gadobutrol prescribing information and adverse event reporting details](#)



[Click here for Clariscan prescribing information and adverse event reporting details](#)



References:

1. Gadobutrol Summary of Product Characteristics (UK).
2. Clariscan Summary of Product Characteristics (UK)..
3. Scott LJ. Clin Drug Investig 2018; 38(8): 773-84.