

Ketamine Dosing Charts (10mg/ml Concentration)

IV Ketamine for Adults ≥ 18 Years (0.25 mg/kg, Max 20 mg)

Weight (kg)	Dose (mg)	Volume (mL 10 mg/mL)
40	10	1.0
50	12.5	1.25
60	15	1.5
70	17.5	1.75
80+	20	2.0
90	20	2.0
100	20	2.0
120	20	2.0

IN Route Warning for Adults

The intranasal (IN) route is NOT recommended in adults when using Ketamine 10 mg/mL, as the required volume exceeds the safe limit of 1 mL per nostril. Consider 50mg/ml concentration for adults requiring IN administration.

Pediatric IV Ketamine Dosing (0.25 mg/kg)-Patch Point Required

Age (yrs)	Weight (kg)	Dose (mg)	Volume (mL @ 10 mg/mL)
1	12	3.0	0.3
2	14	3.5	0.35
3	16	4.0	0.4
4	18	4.5	0.45
5	20	5.0	0.5
6	22	5.5	0.55
7	24	6.0	0.6
8	26	6.5	0.65
9	28	7.0	0.7
10	30	7.5	0.75

Pediatric IN Ketamine Dosing (1 mg/kg) Patch Point Required

Age (yrs)	Weight (kg)	Dose (mg)	Volume (mL @ 10 mg/mL)
1	12	12.0	1.2
2	14	14.0	1.4
3	16	16.0	1.6
4	18	18.0	1.8
5	20	20.0	2.0
6	22	22.0	2.2
7	24	24.0	2.4
8	26	26.0	2.6
9	28	28.0	2.8
10	30	30.0	3.0