

Intranasal Midazolam for Treatment of Seizure Activity

0.2 mg/kg/dose

(use only 5 mg/mL concentration)

- Initial dose: 0.2 mg/kg/dose may repeat dose x 1 in 5 minutes if needed.(HSC, 2013)
- Maximum total dose is 10 mg for infants 6 months and older to adults (Lexicomp, 2013)

Patient Weight	Dose (mg)	Total Volume (mL) = volume of Midazolam in mL + extra 0.1 mL for dead space
<u>Use for infants greater than 1 month old to adult ages</u>		<p>The maximum volume of medication administered per nostril is</p> <ul style="list-style-type: none"> • Neonates and Infants up to the age of 1 year: 0.5 mL per nostril • Children greater than 1 year old: 1 mL per nostril • Adults: 1 mL per nostril <p>If exceeding the maximum volume of medication allowed per nostril, use one syringe and always deliver <u>ONE-HALF</u> the medication dose per nostril.</p>
3 kg	0.6 mg	0.12 mL + 0.1 mL = 0.22 mL
4 kg	0.8 mg	0.16 mL + 0.1 mL = 0.26 mL
5 kg	1 mg	0.2 mL + 0.1 mL = 0.3 mL
6 kg	1.2 mg	0.24 mL + 0.1 mL = 0.34 mL
7 kg	1.4 mg	0.28 mL + 0.1 mL = 0.38 mL
8 kg	1.6 mg	0.32 mL + 0.1 mL = 0.42 mL
9 kg	1.8 mg	0.36 mL + 0.1 mL = 0.46 mL
10 kg	2 mg	0.4 mL + 0.1 mL = 0.5 mL
11 kg	2.2 mg	0.44 mL + 0.1 mL = 0.54 mL
12 kg	2.4 mg	0.48 mL + 0.1 mL = 0.58 mL
13 kg	2.6 mg	0.52 mL + 0.1 mL = 0.62 mL
14 kg	2.8 mg	0.56 mL + 0.1 mL = 0.66 mL
15 kg	3 mg	0.6 mL + 0.1 mL = 0.7 mL
16 kg	3.2 mg	0.64 mL + 0.1 mL = 0.74 mL
17 kg	3.4 mg	0.68 mL + 0.1 mL = 0.78 mL
18 kg	3.6 mg	0.72 mL + 0.1 mL = 0.82 mL
19 kg	3.8 mg	0.76 mL + 0.1 mL = 0.86 mL
20 kg	4 mg	0.8 mL + 0.1 mL = 0.9 mL
21- 23 kg	4.4 mg	0.88 mL + 0.1 mL = 0.98 mL
23.1- 25 kg	4.8 mg	0.96 mL + 0.1 mL = 1.06 mL
25.1- 27 kg	5.2 mg	1.04 mL + 0.1 mL = 1.14 mL
27.1- 29 kg	5.6 mg	1.12 mL + 0.1 mL = 1.22 mL
29.1- 31 kg	6 mg	1.2 mL + 0.1 mL = 1.3 mL
31.1- 33 kg	6.4 mg	1.28 mL + 0.1 mL = 1.38 mL
33.1- 35 kg	6.8 mg	1.36 mL + 0.1 mL = 1.46 mL
35.1- 37 kg	7.2 mg	1.44 mL + 0.1 mL = 1.54 mL
37.1- 39 kg	7.6 mg	1.52 mL + 0.1 mL = 1.62 mL
39.1- 41 kg	8 mg	1.6 mL + 0.1 mL = 1.7 mL
41.1- 43 kg	8.4 mg	1.68 mL + 0.1 mL = 1.78 mL
43.1- 45 kg	8.8 mg	1.76 mL + 0.1 mL = 1.86 mL
45.1- 47 kg	9.2 mg	1.84 mL + 0.1 mL = 1.94 mL
47.1- 50 kg	9.6 mg	1.92 mL + 0.1 mL = 2.02 mL
Greater than 50 kg	10 mg	2 mL + 0.1 mL = 2.1 mL