



RECOMMENDING DOSES FOR INTRATHECAL BOLUS TRIALING

DRUG	RECOMMENDATION OF DOSE*
Morphine	0.1 – 0.5 mg
Hydromorphone	0.025 – 0.1 mg
Ziconotide	1 – 5 mcg
Fentanyl	15 – 75 mcg
Bupivacaine	0.5 – 2.5 mcg
Clonidine	5 – 20 mcg
Sufentanil	5 – 20 mcg

*Starting doses of medication in the opioid-naïve patient for outpatient bolus delivery do not exceed .15 mg morphine, 0.04 mg hydromorphone, or 25 mcg fentanyl.

Deer TR, Pope JE, Hayek S, et al. *Neuromodulation*. 2017;20(2):133-154.