

SUGAMMADEX

FOR NEUROMUSCULAR BLOCKADE REVERSAL

Level of NMB with rocuronium or vecuronium	Dose of BRIDION	Example dose of BRIDION for a patient weighing 80 kg
If spontaneous recovery has reached the reappearance of the second twitch (T_2) in response to TOF stimulation	2 mg/kg	160 mg (1.6 mL)
If spontaneous recovery of the twitch response has reached 1–2 posttetanic counts (PTCs), no twitch responses to TOF	4 mg/kg	320 mg (3.2 mL)

For immediate reversal of induction dose

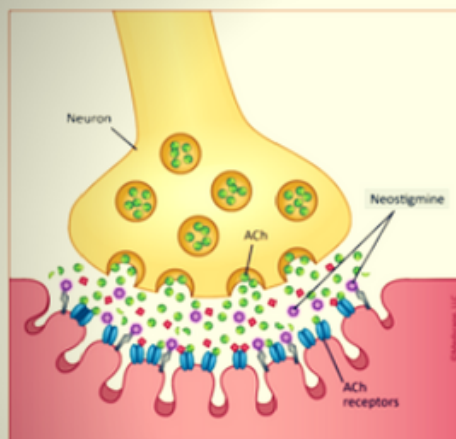


16 mg/kg

Risks:

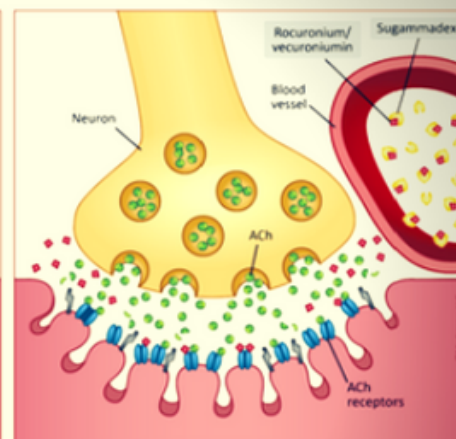
- Anaphylaxis (<1%)
- Hypotension (<10%)
- Bradycardia (5%)
- Renally excreted
- Contraceptives

Neostigmine vs Sugammadex



Neostigmine

- Binds with any NMBA at the NMJ
- Has a ceiling effect and therefore cannot reverse deep NMB



Sugammadex

- Encapsulates rocuronium or vecuronium in the blood stream
- Rapidly reverses any level of NMB

Brull SJ, et al. *Anesth Analg*. 2010;111:129-140.