

Comparison of cisatracurium dosing based on three weight-base indices in patients with morbid obesity in laparoscopic bariatric surgery

METHODS

Cisatracurium

An intermediate-acting neuromuscular blocker

?

What is the appropriate dosing in terms of

1. onset of action

2. sufficiency of NMB during infusion

3. recovery

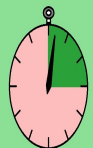
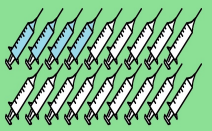
Three different dosing scalar were compared based on :

TBW

FFM

IBW

RESULTS

	Onset of action	Rescue doses required	Recovery time to TOF 100%
based on TBW	 201.89 s	 no patients needed (in 18 cases)	 44.53 min
based on FFM	 220.83 s	 4 (out of 18) patients needed	 31.34 min
based on IBW	 233.53 s	 11 (out of 19) patients needed	 31.74 min

CONCLUSION

According to our results, FFM-based dosing is the most appropriate choice

as it provides an acceptable

onset of action
surgical field condition
and recovery



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