

Neuromuscular Blocking Agents

Paralytic	Dosage	Onset	Duration	Primary Metabolism	Need to Know
Succinylcholine	1 - 1.5mg/kg IV	30-60 sec	5-15 min	Pseudocholinesterase or plasma cholinesterase	<ul style="list-style-type: none"> • Only depolarizer • Trigger for MH • Fastest onset • Causes fasciculation • Causes increase in K⁺/ICP/IOP
Rocuronium	0.6 - 1mg/kg IV	1-1.5 min	30-60 min	Liver	<ul style="list-style-type: none"> • Fastest non-depolarizer • Onset similar to succinylcholine • Can be reversed by sugammadex
Vecuronium	0.1 - 0.15mg/kg IV	2-4 min	30-60 min	Liver	<ul style="list-style-type: none"> • Can cause bradycardia • Causes less CV effects • Can be reversed with sugammadex
Atracurium	0.5mg/kg IV	2-4 min	30-60 min	Hoffman's elimination (temp and pH dependant)	<ul style="list-style-type: none"> • Causes histamine release • Can cause hypotension • Potential for seizure activity secondary to laudanosine metabolite
Cisatracurium	0.1mg/kg IV	2-4 min	30-60 min	Hoffman's elimination (temp and pH dependant)	<ul style="list-style-type: none"> • Use in renal impairment • No significant histamine release
Pancuronium	0.06 - 0.1mg/kg IV	3-5 min	60-90 min	Renal	<ul style="list-style-type: none"> • Long acting • Vagolytic response • Causes histamine release