

Medical conditions that affect neuromuscular blockade

Disease	Response to nondepolarizing NMBA	Response to depolarizing NMBA
Amyotrophic lateral sclerosis	Resistant	↑ risk of hyperkalemia
Muscular dystrophy	Normal	↑ risk of hyperkalemia, rhabdomyolysis
Burn injury	Resistance	↑ risk of hyperkalemia (after the first 24 hrs)
Elderly age	Prolonged duration, smaller dose required	Normal
Guillain-Barré	Sensitive	↑ risk of hyperkalemia
Hypothermia	Prolonged duration	Normal
Lambert-Eaton syndrome	Sensitive	Sensitive
Multiple sclerosis	Resistance	↑ risk of hyperkalemia
Myasthenia gravis	Sensitive	Resistance
Spinal cord injury	Normal	↑ risk of hyperkalemia (after the first 24 hrs)
Stroke	Resistance on affected side	↑ risk of hyperkalemia