

Depolarising Neuromuscular Blockade

Suxamethonium

Non-Depolarising Neuromuscular Blockade

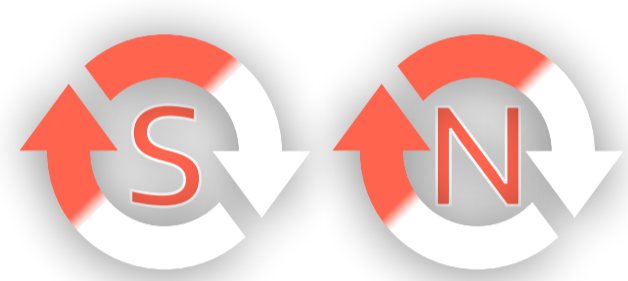
Aminosteroids
Benzylisoquinolinium

Summary Sheet:

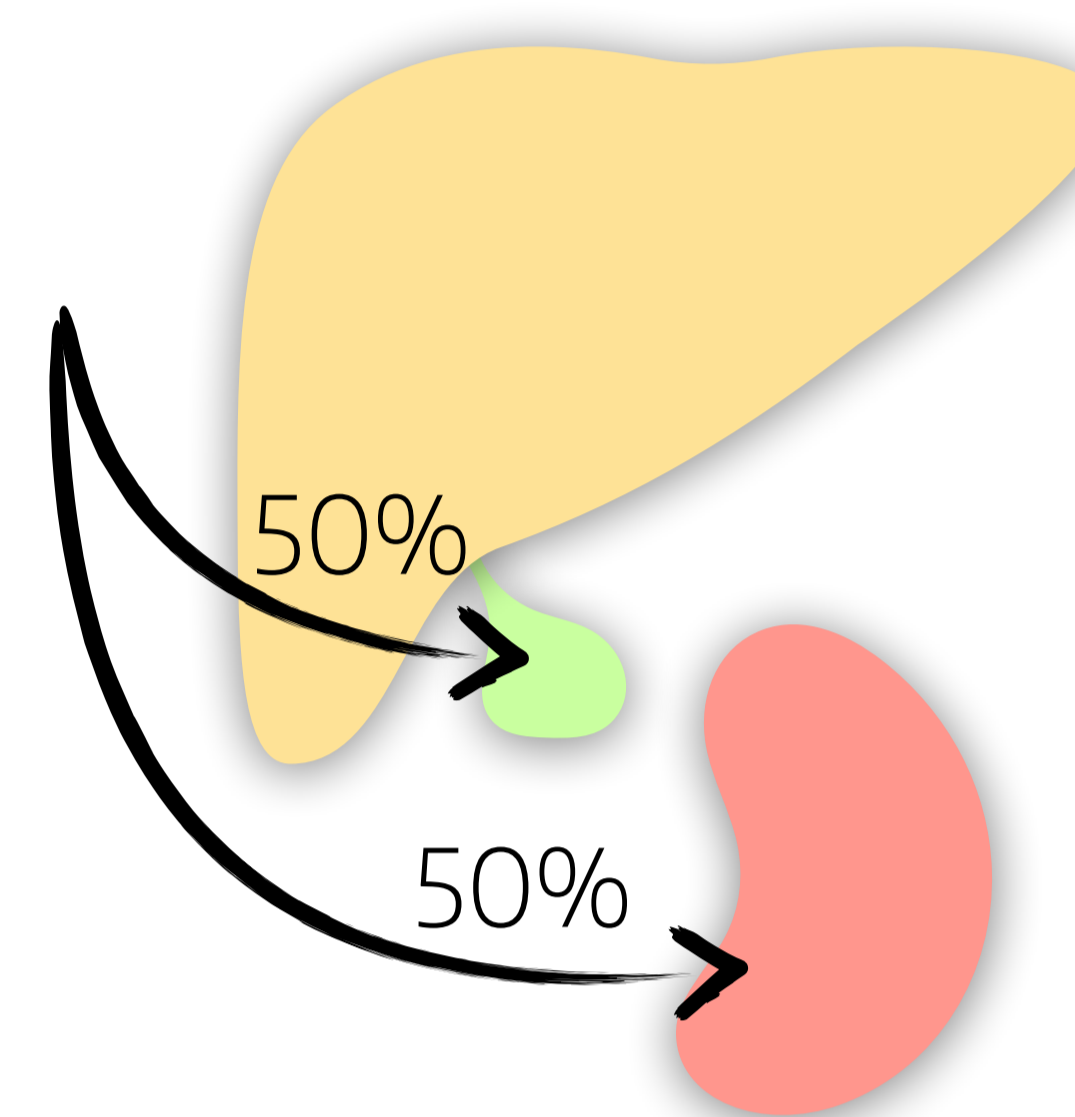
Neuromuscular Blockade

Rocuronium

Dose: 0.6mg/kg
RSI Dose : 1mg/kg



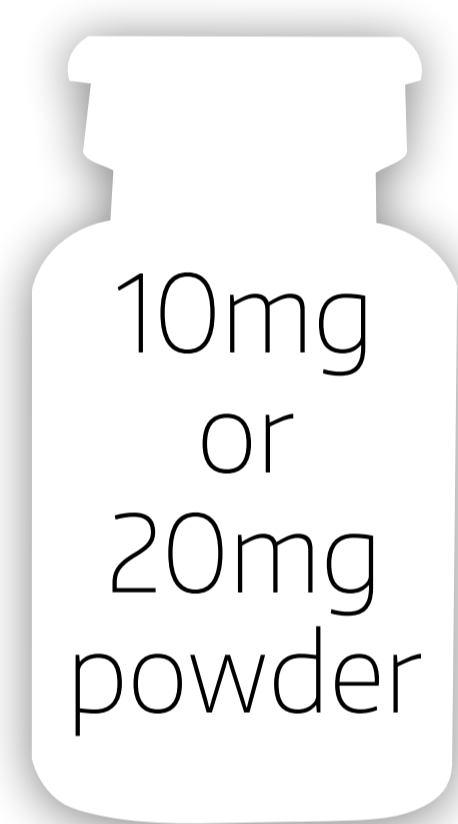
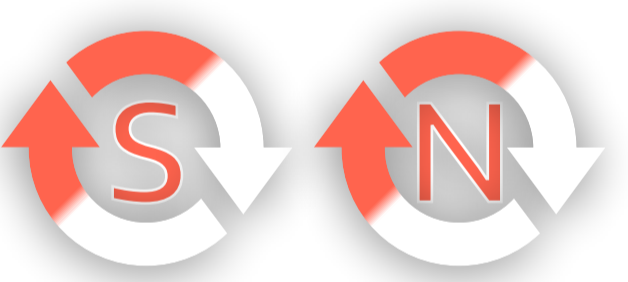
Onset: 1-2 mins
 V_D 0.2L/kg
Duration: 20-35 mins
Cl: 5ml/kg/min
Elimination: Urine & Bile



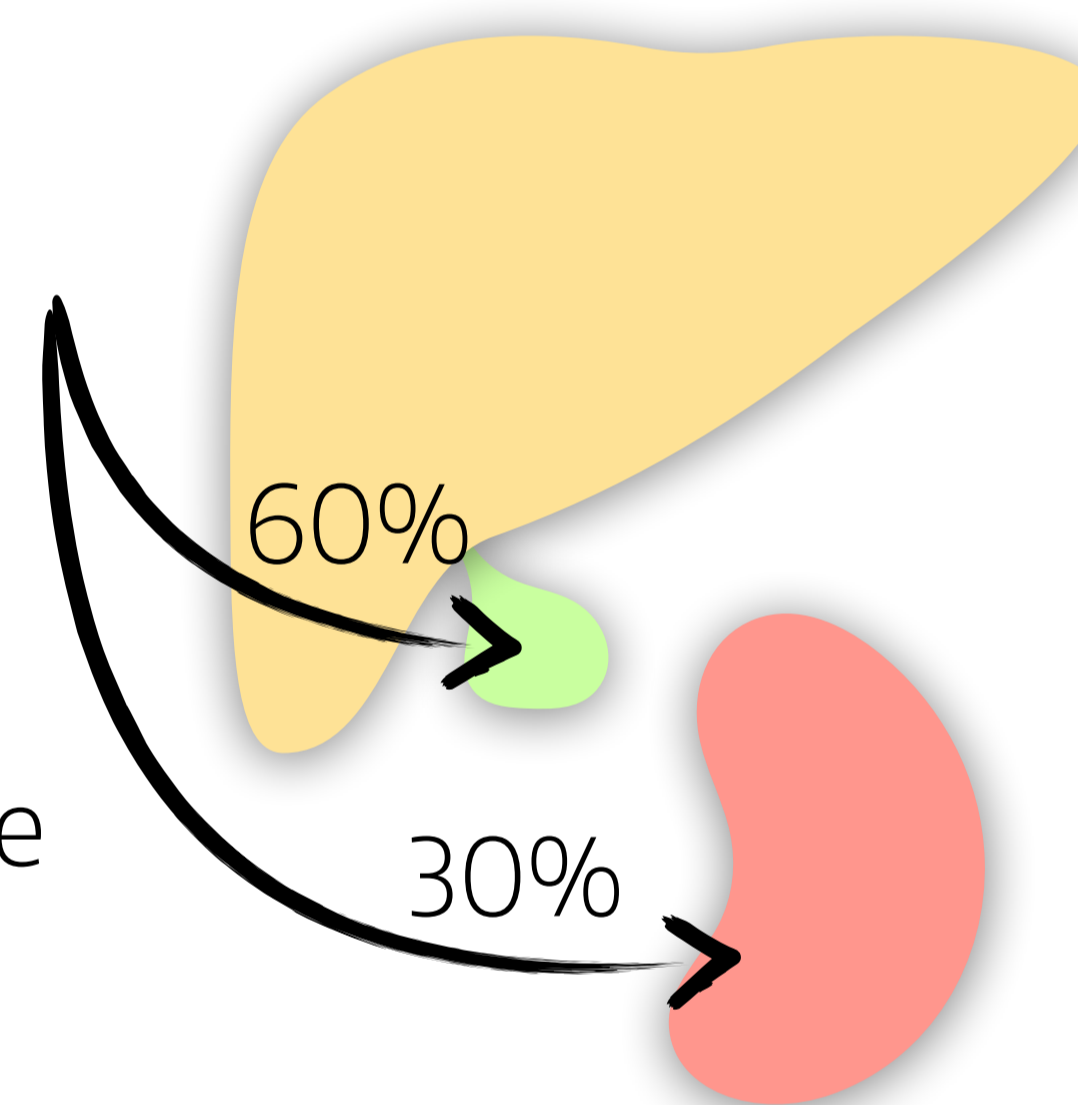
- ✓ RSI
- ✓ Fully Reversible
- ✓ Medium-acting

Vecuronium

Dose: 0.08mg/kg



Onset: 3-5 mins
 V_D 0.2L/kg
Duration: 20-35 mins
Cl: 5ml/kg/min
Elimination: Urine & Bile



- ✓ No histamine release
- ✓ Fully Reversible
- ✓ Medium-acting

Atracurium

Dose: 0.5mg/kg

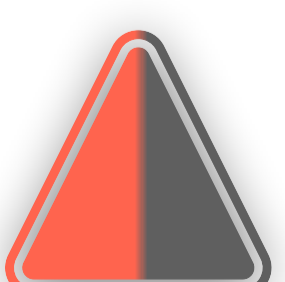


Onset: 2 mins
 V_D 0.16L/kg
Duration: 20-35 mins
Cl: 5ml/kg/min
Elimination: Esterases & Hoffman Degradation

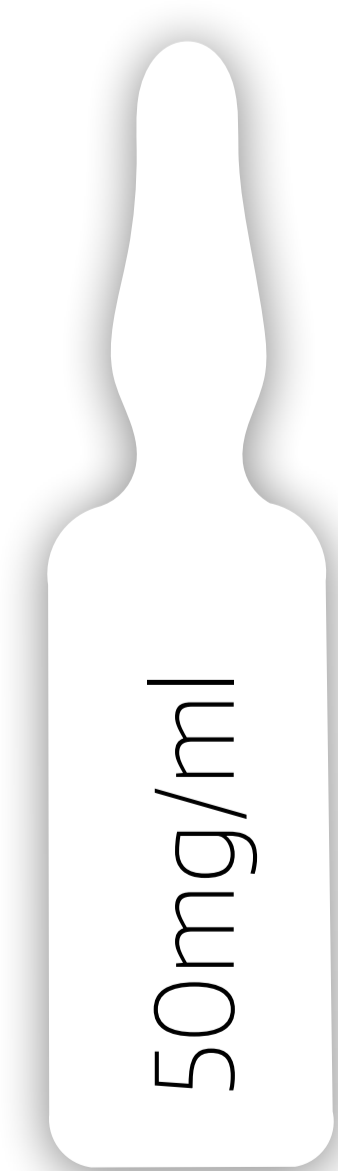
- ✓ Safe in Renal & Liver Failure
- ✓ Medium-acting

Suxamethonium

IV Dose: 1-2mg/kg
IM Dose: 3-4mg/kg



Irreversible



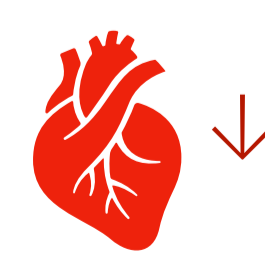
Onset: 30-60 secs
Duration: 2-6 minute
Elimination: Butyrylcholinesterase



↑ Gastric pressure
↑ LOS tone



↑ IOP



↓ HR



Myalgia

- ✓ RSI
- ✓ IM/IV administration
- ✓ Short-acting

Monoquaternary Aminosteroids

Benzylisoquinolinium