

RESUSCITATION

RSI DRUGS

3 components:

1. Hypnosis – induction agents
2. Analgesia
3. Muscle relaxation

Agents most commonly used:

- Propofol
- Suxamethonium
- Rocuronium
- Fentanyl

Propofol

Dose – 1-2.5mg/kg (IBW) IV

Onset – 15-45 secs

Recovery – 5-10 mins

Side effects :

- Hypotension
- Myocardial depression
- Pain on injection



Suxamethonium

Depolarising muscle relaxant

Dose – 1-2mg/kg (TBW) IV

Onset – 45-60 secs

Duration – 6-10 minutes

Contraindications

- Hyperkalaemia
- Severe trauma or infection
- Burns after 24 hours



- Peripheral neuropathy
- Spinal cord injury
- Upper motor neurone lesions
- Structural brain disease
- Muscular dystrophy

Side Effects:

- Hyperkalaemia
- Bradycardia
- Muscle pain due to fasciculations
- Anaphylaxis
- Malignant hyperthermia
- Suxamethonium apnoea

Rocuronium

Non-depolarising muscle relaxant

Dose – 0.6 – 1.2 mg/kg (IBW) IV

Onset – 60 secs

Duration – 20-40 mins

Side effects – Anaphylaxis

Remember can be reversed with **SUGAMMADEX**

Fentanyl

Dose – 2-10 mcg/kg (TBW) IV

Onset – 1 - 2 mins

Duration – Dose dependant

Side effects:

- Respiratory depression
- Hypotension
- Nausea & vomiting
- Bradycardia
- Muscle rigidity

