

# Rapid Sequence Induction Agent Guidance

## St John's Hospital, Livingston

Collaboration between Critical Care, Anaesthesia and Emergency Medicine

All induction agents can cause severe hypotension so take note of cardiovascular status, age and conscious level; the full dose of induction agents may not be appropriate.

- Ketamine 1-2mg/kg + Rocuronium 1mg/kg IV

➤ *In the rare event of needing to immediately reverse muscle relaxation, use Sugammadex 16 mg/kg*

### Special Circumstances:

Concerns about raised ICP	➤ Consider adding Alfentanil 10-20 micrograms/kg
Concerns about raised ICP with systemic hypertension	➤ Thiopentone 2-5mg/kg ➤ Alfentanil 10-20 micrograms/kg ➤ Rocuronium 1mg/kg
Significant tachycardia or severe cardiac disease with hypotension	➤ Etomidate 0.1-0.3mg/kg ➤ Rocuronium 1mg/kg
Status epilepticus	➤ Thiopentone 2-5mg/kg ➤ Rocuronium 100mg

• **PLEASE NOTE:** Propofol is a poor 1st choice in critically ill patients due to its narrow therapeutic index and should be avoided for induction in this patient group.