Rocuronium Adult Intravenous Monograph

Who can administer

Administration RESTRICTED - see Appendix 1

Important information

- To be used only in a critical care setting for ventilated patients
- As this is a neuromuscular blocker particular care and attention should be focused on the safe storage and distribution of this drug so as to minimise the risk of right patient **WRONG DRUG**
- For complete information and guidance refer to the manufacturers SPC
- For Y-site compatibility see below

Available preparations

Rocuronium bromide 50mg in 5ml vials (Bowmed)

Reconstitution

Already in solution

Infusion fluids

Sodium chloride 0.9% or Glucose 5% (if required)

Methods of intravenous administration

Bolus intravenous injection

- Loading dose only
- Use undiluted
- FLUSH lines following administration to protect against inadvertent delayed bolus in unventilated patient

Continuous Intravenous Infusion - not needed for the indications covered in this monograph

- Use undiluted - 500mg in 50ml via a syringe pump [ref 2]Â Â
- FLUSH lines following administration to protect againstÂ inadvertent delayed bolus in unventilated patient

Dose in adults

Rapid Sequence Intubation [ref SPC, 1]

- Doses of up to 1 to 1.5mg/kg dose may be used for Rapid Sequence Intubation
- To avoid excessive dosage in obese patients, dose should be calculated on the basis of ideal body-weight.

For other indications- see SPC

Further information

Rapid sequence intubation: doses in excess of 1mg/kg are unlicensed

Storage

- Different brands may carry different storage recommendations in the SPC
- The Ibigen Srl brand should be stored in a refrigerator between 2 to 8^{0}C. If left outside the fridge at 25^{0}C or less reduce expiry to 12 weeks.

References

Ibigen Srl SPC. Jan 2024

1. "Rocuronium Drug Information". UpToDate- accessed online 22/04/2026

2. Injectable Medicines guide, downloaded from Medusa 22/04/2026

Therapeutic classification

Neuromuscular blocker