

F 1407

## Pancuronium bromide

### ● INDICATIONS AND DOSE

#### Neuromuscular blockade (long duration) during surgery and intubation

- ▶ BY INTRAVENOUS INJECTION
- ▶ Adult: Initially 100 micrograms/kg, then 20 micrograms/kg as required

#### Neuromuscular blockade (long duration) during intensive care

- ▶ BY INTRAVENOUS INJECTION
- ▶ Adult: Initially 100 micrograms/kg, initial dose is optional, then 60 micrograms/kg every 60–90 minutes

#### DOSES AT EXTREMES OF BODY-WEIGHT

- ▶ To avoid excessive dosage in obese patients, dose should be calculated on the basis of ideal body-weight.

- **INTERACTIONS** → Appendix 1: neuromuscular blocking drugs, non-depolarising
- **SIDE-EFFECTS** Apnoea · arrhythmia · hypersalivation · increased cardiac output · miosis
- SIDE-EFFECTS, FURTHER INFORMATION** Pancuronium lacks histamine-releasing effect, but vagolytic and sympathomimetic effects can cause tachycardia.
- **HEPATIC IMPAIRMENT** Manufacturer advises caution (possibly slower onset and higher dose requirements due to resistance to neuromuscular blocking action which may lead to a prolonged recovery time).
- **RENAL IMPAIRMENT** Use with caution; prolonged duration of block.
- **MEDICINAL FORMS** There can be variation in the licensing of different medicines containing the same drug.

#### Solution for injection

- ▶ **Pancuronium bromide (Non-proprietary)**  
Pancuronium bromide 2 mg per 1 ml Pancuronium bromide 4mg/2ml solution for injection ampoules | 10 ampoule **[PoM]** £50.00 (Hospital only)

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## Rocuronium bromide

### ● INDICATIONS AND DOSE

#### Neuromuscular blockade (intermediate duration) during surgery and intubation

- ▶ INITIALLY BY INTRAVENOUS INJECTION
- ▶ Adult: Initially 600 micrograms/kg; (by intravenous injection) maintenance 150 micrograms/kg, alternatively (by intravenous infusion) maintenance 300–600 micrograms/kg/hour, adjusted according to response
- ▶ Elderly: Initially 600 micrograms/kg; (by intravenous injection) maintenance 75–100 micrograms/kg, alternatively (by intravenous infusion) maintenance up to 400 micrograms/kg/hour, adjusted according to response

#### Neuromuscular blockade (intermediate duration) during intensive care

- ▶ INITIALLY BY INTRAVENOUS INJECTION
- ▶ Adult: Initially 600 micrograms/kg, initial dose is optional; (by intravenous infusion) maintenance 300–600 micrograms/kg/hour for first hour, then (by intravenous infusion), adjusted according to response

#### DOSES AT EXTREMES OF BODY-WEIGHT

- ▶ To avoid excessive dosage in obese patients, dose should be calculated on the basis of ideal body-weight.

- **INTERACTIONS** → Appendix 1: neuromuscular blocking drugs, non-depolarising

### ● SIDE-EFFECTS

- ▶ **Uncommon** Procedural complications
- ▶ **Rare or very rare** Angioedema · face oedema · malignant hyperthermia · paralysis

- **HEPATIC IMPAIRMENT** Manufacturer advises caution (may prolong duration of action).

**Dose adjustments** Manufacturer advises consider dose reduction—consult product literature.

### ● RENAL IMPAIRMENT

**Dose adjustments** Reduce maintenance dose; prolonged paralysis.

- **DIRECTIONS FOR ADMINISTRATION** For *continuous intravenous infusion* or via drip tubing, may be diluted with Glucose 5% or Sodium Chloride 0.9%.

- **MEDICINAL FORMS** There can be variation in the licensing of different medicines containing the same drug.

#### Solution for injection

##### ▶ Rocuronium bromide (Non-proprietary)

**Rocuronium bromide 10 mg per 1 ml** Rocuronium bromide 50mg/5ml solution for injection ampoules | 10 ampoule **[PoM]** £24.00–£28.00

Rocuronium bromide 50mg/5ml solution for injection vials | 10 vial **[PoM]** £28.00–£38.30 | 10 vial **[PoM]** £28.00 (Hospital only)  
Rocuronium bromide 100mg/10ml solution for injection vials | 10 vial **[PoM]** £57.00–£76.70 | 10 vial **[PoM]** £57.00 (Hospital only)  
Rocuronium bromide 100mg/10ml solution for injection ampoules | 10 ampoule **[PoM]** £57.00

##### ▶ Esmeron (Merck Sharp & Dohme Ltd)

**Rocuronium bromide 10 mg per 1 ml** Esmeron 50mg/5ml solution for injection vials | 10 vial **[PoM]** £28.92 (Hospital only)

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## Vecuronium bromide

22-May-2019

### ● INDICATIONS AND DOSE

#### Neuromuscular blockade (intermediate duration) during surgery and intubation

- ▶ INITIALLY BY INTRAVENOUS INJECTION
- ▶ Adult: 80–100 micrograms/kg; (by intravenous injection) maintenance 20–30 micrograms/kg, adjusted according to response, max. 100 micrograms/kg in caesarean section, alternatively (by intravenous infusion) maintenance 0.8–1.4 micrograms/kg/minute, adjusted according to response

#### DOSES AT EXTREMES OF BODY-WEIGHT

- ▶ To avoid excessive dosage in obese patients, dose should be calculated on the basis of ideal body-weight.

- **INTERACTIONS** → Appendix 1: neuromuscular blocking drugs, non-depolarising

### ● SIDE-EFFECTS

- ▶ **Uncommon** Procedural complications
- ▶ **Rare or very rare** Angioedema · face oedema · paralysis

- **HEPATIC IMPAIRMENT** Manufacturer advises caution in significant impairment.

- **RENAL IMPAIRMENT** Use with caution.

- **DIRECTIONS FOR ADMINISTRATION** Reconstitute each vial with 5 mL Water for Injections to give 2 mg/mL solution; *alternatively* reconstitute with up to 10 mL Glucose 5% or Sodium Chloride 0.9% or Water for Injections—unsuitable for further dilution if not reconstituted with Water for Injections. For *continuous intravenous infusion*, dilute reconstituted solution to a concentration up to 40 micrograms/mL with Glucose 5% or Sodium Chloride 0.9%; reconstituted solution can also be given via drip tubing.