

Suxamethonium

FORM Pre-made syringe made by Tayside Pharmaceuticals
OR
 Ampoule containing 100mg in 2ml (If pre-made syringe not available)

INDICATION Premedication for intubation

DOSE RANGE

AGE	DOSE	FREQUENCY	ROUTE
Neonate – 6 months	2mg/kg	Single dose. May be repeated if required ONCE only after 2 to 6 minutes.	IV over a few seconds, followed by a 0.5-1ml flush over a few seconds

A ready prepared syringe of suxamethonium 10mg/2.5ml (4mg/ml) is available as part of the neonatal intubation drug kit (CD fridge).

Dosage guide for intubation kit syringe:

- 4mg in 1ml
- 2mg in 0.5ml

The premedication dose for a 1 kg baby would be 2mg = 0.5ml of above solution.

IF READY MADE KITS NOT AVAILABLE

RECONSTITUTION	Not required	
DILUTION	Suxamethonium inj. (100mg in 2ml)	0.2 ml
	Sodium chloride 0.9% inj.	up to 2.5ml total
	This gives a 4mg in 1ml solution. Use the required volume.	
METHOD OF ADMINISTRATION	IV bolus over a few seconds, followed by a 0.5-1ml flush over a few seconds	

COMPATIBILITY

Solution compatibility	Sodium chloride 0.9%, Glucose 5%
Solution incompatibility	No information
IV Line compatibility	No information
IV Line incompatibility	No information

THIS LIST IS NOT EXHAUSTIVE PLEASE CONTACT PHARMACY FOR FURTHER INFORMATION ON COMPATIBILITY WITH ANY MEDICINES NOT INCLUDED

CAUTIONS, CONTRA-INDICATIONS AND SIDE EFFECTS

West of Scotland NEONATAL Parenteral Drug Monographs

- See Summary of Product Characteristics and most recent edition of BNF for Children (links below)

FURTHER INFORMATION

- **Storage:** Intubation Kits stored in a fridge.
- Use with caution in babies with hyperkalaemia
- Suxamethonium is only used in babies with assisted ventilation.
- Care in neonates as they have an increased sensitivity to neuromuscular blocking drugs. In preterm neonates the half life can be very prolonged, special care is needed when used in this group of babies.
- Caution in severe renal impairment or liver failure as duration is prolonged.

PH 3-4.5

LICENSED STATUS

Licensed for use in all ages.
The intubation kit syringe is an unlicensed special

LINKS

[BNF for Children:](#) / [Electronic Medicines Compendium](#)

APPLICABLE POLICIES

[West of Scotland Neonatal Guidelines:](#)

Consult local policy if applicable

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Administer reconstituted solutions immediately.

All vials, ampoules and infusion bags are for single use only unless otherwise stated.

Dose may vary depending on indication, age, renal function, hepatic function, and concomitant medications.
This monograph should be used in conjunction with the package insert, BNF for Children, and Summary of Product Characteristics. For further advice contact your clinical pharmacist or pharmacy department.