

Neostigmine Metilsulfate

Due to the danger of bronchorrhoea, it is safer to initially ventilate then to use atropine with neostigmine.

FORM Ampoule containing neostigmine 2.5 mg in 1 ml (as metilsulfate)

INDICATION Treatment of Myasthenia Gravis.

DOSE RANGE

AGE	DOSE	FREQUENCY	ROUTE
Neonate	150microgram/kg/ dose every 6 to 8 hours, 30 mins. before feeds. Increasing up to 300micrograms/kg every 4 hours, if necessary.		IM, SC
1 month to 6 months	200 to 500 micrograms	repeated at suitable intervals throughout the day.	IM, SC
> 6 months	See paediatric monographs		

Additional dosage information:

Approximate equivalent doses 65 - 100 microgram given by IM or SC injection is equivalent to 1 mg orally or ~ 33microgram IV

The injection solution may be diluted with Water for Injection immediately before use. There is no suitable oral liquid preparation available for immediate use.

COMPATIBILITY

Solution compatibility	Sodium chloride 0.9%
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

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

SPECIAL MONITORING REQUIREMENTS

FURTHER INFORMATION

West of Scotland NEONATAL PARENTERAL Drug Monographs

PH 5 to 6.5

LICENSED STATUS Licensed for use in all age groups off label use for IM or SC use in neonates.

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.