

Neostigmine

FORM Oral solution – special order manufacturer.
Neostigmine injection 2.5mg/ml (as metilsulfate) – for use as an oral solution.

INDICATION Treatment of Myasthenia Gravis

DOSE RANGE

AGE	DOSE	FREQUENCY	ROUTE
Neonate	1 to 2 mg	Single initial dose, give 30 minutes before feeds	Oral
Neonate treatment dose	1 to 5 mg	Every 4 hours, give 30 minutes before feeds.	Oral
1 month – 6 months	7.5mg	Initially 7.5 mg, repeated at suitable intervals throughout the day, total daily dose 15 mg to 90 mg.	Oral
> 6 months	See paediatric monographs		

Additional dosage information:

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

CAUTIONS, CONTRA-INDICATIONS AND SIDE EFFECTS

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

FURTHER INFORMATION

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

DILUTION

Neostigmine injection 2.5mg/ml	2ml
Water for Injection	Up to 2.5ml

This gives a 2mg/ml solution for oral use

DOSE GUIDE

1 mg = 0.5ml
2 mg = 1ml

STORAGE

LICENSED STATUS

Forms available from special order manufacturers include: oral solution.

LINKS

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

APPLICABLE POLICIES

[West of Scotland Neonatal Guidelines:](#)

Consult local policy if applicable

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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.