

Tetracosactide (Tetracosactrin)

FORM Ampoule containing 250microgram in 1ml

DO NOT USE THE DEPOT INJECTION.

INDICATION Used as a diagnostic agent for adrenal function.

DOSE RANGE

AGE	DOSE	FREQUENCY	ROUTE
Birth – 6 months	36 micrograms/kg (Maximum dose 250 micrograms)	Single dose at time zero	IV

Special care is needed when calculating the dose.

RECONSTITUTION

Already in solution

DILUTION

For all low dose Synacthen ® tests, dilution of the injection will be required.

Tetracosactide 250 microgram/ml inj.	1ml
Sodium Chloride 0.9%	Up to 10ml total

This gives a 25microgram in 1ml solution. Use the required volume

METHOD OF ADMINISTRATION

IV injection

COMPATIBILITY No information

CAUTIONS, CONTRA-INDICATIONS AND SIDE EFFECTS

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

SPECIAL MONITORING REQUIREMENTS

Consult current edition of Dynamic Function Test Handbook for Clinicians(SPEG MCN)/ liaise with Endocrine for sampling times/interpretation of results

To determine which tests are to be performed and which resulting samples are to be obtained consult with Endocrinology Consultant at RHC before initiating tests.

FURTHER INFORMATION

West of Scotland NEONATAL Parenteral Drug Monographs

LICENSED STATUS Licensed status: Licensed for use as a diagnostic test for adrenal function. Doses used in this monograph may not be licensed.

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

APPLICABLE POLICIES [West of Scotland Neonatal Guidelines:](#)

Managed Clinical Network of Scottish Paediatric Endocrine Group(SPEG MCN) Dynamic Function Tests for use in Paediatric Endocrinology V2 1.9.2019:

<https://www.speg.scot.nhs.uk/wp-content/uploads/2020/03/9.-SPEG-Dynamic-Function-Tests-in-Paediatric-Endocrinology-2018GS-Draft-3-1.pdf>

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.