

Tetracosactide (tetracosactrin) Intravenous for Adults

Who can administer

May be administered by registered competent doctor or nurse/midwife

Important information

- See Monitoring requirements below

Available preparations

Synacthen 250 microgram in 1ml ampoule

Reconstitution

Already in solution

Draw up using a 5 micron filter needle

Methods of intravenous administration

Slow intravenous injection - see also Further information

- Administer over two minutes ^(ref 1)

Dose in adults

Diagnostic test for adrenal insufficiency

- Give 250 micrograms (by slow intravenous injection or IM)
- Measure plasma cortisol levels immediately before and thirty minutes after administration of the tetracosactride
- Adrenocortical function can be considered normal if the post-injection rise in plasma cortisol concentration amounts to at least 200nmol/L (70mcg/L)

Monitoring

- Patients should be kept under observation for 30 minutes after the injection due to the possibility of hypersensitivity reactions
- Ensure resuscitation facilities are available, should a serious hypersensitivity reaction occur.

Further information

- The drug may also be given by intramuscular injection (at the same dose)

Storage

Store between 2 and 8°C

References

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(1) Injectable Medicines Administration Guide, downloaded from Medusa 30/11/2021

Therapeutic classification

Diagnostic agent