Tetracosactide (tetracosactrin) Intravenous for Adults

Who can administer

May be administered by registered competent doctor or nurse/midwife

Important information

- See Monitoring requirements below
- Also licensed via **intramuscular route**

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 at least three minutes [ref 1]
- May be further diluted to a convenient volume with sodium chloride 0.9% to aid administration[ref 1]

Dose in adults

Diagnostic test for adrenal insufficiency

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

Monitoring

- Ensure resuscitation facilities are available, should a serious hypersensivity reaction occur
- Patients should be kept under observation for 60 minutes after the injection due to the possibility of hypersensitivity reactions

Further information

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

Storage

Store between 2 and 8^{0}C

References

SPC March 2022

(1) Injectable Medicines Administration Guide, downloaded from Medusa 21/01/2025

Therapeutic classification

Diagnostic agent