

# 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 <sup>(ref 1)</sup>
- May be further diluted to a convenient volume with sodium chloride 0.9% to aid administration <sup>(ref 1)</sup>

## 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
- Adrenocortical 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 hypersensitivity 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°C

## References

SPC March 2022

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

## Therapeutic classification

Diagnostic agent