

Who can administer

Who can administer: May be administered by competent doctor or a nurse/midwife

Important information

- Atosiban must be initiated and maintained by a physician experienced in the treatment of pre-term labour

Available preparations

Tractocile 6.75mg in 0.9ml vial

Tractocile 37.5mg in 5ml vial

Reconstitution

Already in solution

Dilute the 37.5mg per 5ml injection further prior to infusion

Infusion fluids

Sodium chloride 0.9% or Glucose 5%

Methods of intravenous administration

Bolus intravenous injection (initial dose only)

- Draw up 0.9ml from vial containing 6.75mg/0.9ml and administer as a bolus injection over one minute, followed by intravenous infusion as outlined below

Intermittent intravenous infusion

- Remove and discard 10ml fluid from 100ml infusion solution
- Add contents of two vials of 37.5mg/5ml (total 75mg in 10ml) to the bag to give a solution of approximately 75mg per 100ml (0.75mg/ml)
- Prepare new 100ml bags in the same way to allow the infusion to be continued

Dose in adults

Initial bolus dose

- Give 6.75mg (using the 6.75mg/0.9ml vial)
- Followed immediately by an infusion as described below

Intravenous infusion

- Using a solution as outlined above (75mg in 100ml)
- Give 24ml per hour for three hours (equivalent to 18mg per hour)
- Followed by 8ml per hour for up to a further 45 hours (equivalent to 6mg per hour)
- The duration of treatment should not exceed 48 hours (total dose during a full course of treatment)

should not exceed 330.75mg atosiban)

Retreatment

- In case a re-treatment with atosiban is needed, it should also commence with a bolus injection of 6.75mg, followed by an infusion as outlined above
- There is only limited clinical experience available with multiple re-treatments (up to 3 re-treatments)

Renal impairment

- Dosage adjustment is unlikely to be needed

Hepatic impairment

- Use atosiban with caution

Monitoring

- Monitor uterine contractions and foetal heart rate
- In case of persistence of uterine contractions during treatment with atosiban, alternative treatment should be considered

Storage

Store between 2 and 8°C

References

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Therapeutic classification

Oxytocin receptor antagonist