

## Who can administer

May be administered by registered competent doctor or nurse/midwife

## Important information

- **Red-light antimicrobial:** requires pre-authorisation by Microbiology or ID prior to use 24 hours / 7 days a week
- Consider **intravenous to oral switch** as soon as possible as excellent oral bioavailability (91%)
- 400mg intravenous is equivalent to 400mg orally
- There are numerous important **interactions** - check latest BNF
- **Caution** <sup>(ref 1)</sup>
  - Quinolones may be associated with side effects relating to musculoskeletal, peripheral and central nervous systems, some of which may be serious, disabling and potentially permanent
  - **Quinolones should be used with special caution in the elderly, patients with kidney disease, those who have had an organ transplantation or in patients being treated concomitantly with corticosteroids.** These patients are at a higher risk of tendon injury
  - Patients should be informed of the risks and advised to stop treatment and contact prescriber if they experience pain or swelling in tendons / joints / muscle or neuropathy
- **QT prolongation** may occur- should not be used with other drugs that may cause QT prolongation

## Available preparations

Avelox 400mg per 250ml infusion

## Reconstitution

Already in solution

## Infusion fluids

Not required - product ready for infusion

## Methods of intravenous administration

### Intermittent intravenous infusion

- Administer over 60 minutes

## Dose in adults

### Usual dose

- Give 400mg daily

### Renal impairment

- No dose adjustment required

### Hepatic impairment

- Contraindicated in impaired liver function (Child Pugh C) and in patients with transaminases increases greater than five fold above upper limit of normal. **Child-Pugh classification applies to patients with cirrhosis.** If the patient has hepatic impairment but does not have cirrhosis, dosage adjustment should be discussed with Micro/ID

## Storage

- Store below 25<sup>0</sup>C
- Do not refrigerate or freeze

## References

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1: AST email 25/01/2019

## Therapeutic classification

Quinolone antimicrobial