

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** ^(ref 1)
 - 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 25⁰C
- Do not refrigerate or freeze

References

SPC March 2021

1: AST email 25/01/2019

Therapeutic classification

Quinolone antimicrobial