Anidulafungin Intravenous Infusion for Adults

Who can administer

May be administered by registered competent doctor or nurse/midwife

Important information

- **Restricted antifungal**
    - Its present place in therapy is as an alternative to caspofungin in NON-neutropenic patients on the direct recommendation of microbiology or infectious diseases
- **Infusion-related adverse events** have been reported, including rash, urticaria, flushing, pruritus, dyspnoea, bronchospasm and hypotension. Infusion-related adverse events are infrequent when the rate of infusion does not exceed 1.1 mg/min
- For Y-site compatibility see below

Available preparations

Anidulafungin 100mg

Reconstitution

- 30ml water for injection per 100mg vial
- Reconstitution time can be up to five minutes
- **Dilute further prior to administration**

Infusion fluids

Sodium chloride 0.9% or Glucose 5%

Methods of intravenous administration

Intermittent intravenous infusion

- Add 100mg reconstituted vial (30ml) to 100ml infusion fluid
- Add 200mg reconstituted vials (60ml) to 200ml infusion fluid (withdraw 50ml from 250ml bag)
- Administer at a rate of 1.4ml per minute
- i.e. 100mg dose (in 130ml) over 90 minutes
- i.e. 200mg dose (in 260ml) over 180 minutes

Dose in adults

Loading with 200mg (DAY ONE ONLY), then give 100mg every twenty four hours thereafter

Renal or hepatic impairment

- No dosage adjustment for **renal** insufficiency including those on renal replacement therapy
- No dosage adjustment for any degree of **hepatic** impairment (but see under monitoring below)

Monitoring

- Isolated cases of **significant hepatic dysfunction**, hepatitis or worsening hepatic failure have been reported. Patients with hepatic impairment should be monitored for worsening hepatic function while on anidulafungin, and evaluated for risk benefit of continuing anidulafungin therapy

Further information

- **Infusion related** reactions have been reported.
- It is important **NOT** to exceed the recommended **rate** of administration to minimise the possibility of such reactions

Storage

- Store between 2 and 8^{0}C

References

Anidulafungin TEVA SPC- June 2022

Therapeutic classification

Antifungal

BNF
Fungal infection