Zanamavir Intravenous Infusion for Adults

Who can administer

May be administered by registered competent doctor or nurse/midwife

Important information

- ZanamivirÂ is indicated for the treatment of complicated and potentially life-threatening influenza A or B virus infection Â when:
    - The patient's influenza virus is known or suspected to be resistant to anti-influenza medicinal products other than zanamivir [(ref 1)] OR
    - Other anti-viral medicinal products for treatment of influenza, are not suitable for the individual patient.Â [(ref 1,3)] AND the patient has multi-organ involvement, or requires intensive care [(ref 2)]
    - Use should be supervised by a consultant clinical microbiologist/virologist or infectious diseases consultant and a consultant in intensive care medicine [(ref 3)]Â
- Treatment should commence as soon as possible and usually within 6 days of the onset of symptomsÂ [(ref 2)]
- See under 'Dose' for adjustments required in **renal impairment**

Available preparations

Dectova 200mg per 20ml (10mg/mL) vial

Reconstitution

Already in solution

Infusion fluids

Sodium Chloride 0.9% **ONLY**

Methods of intravenous administration

Intermittent intravenous infusion (using an electronically controlled infusion device)

- Add the required dose to infusion fluid to make a final volume of 100ml or 250ml
    - Withdraw and discard a volume (equal to the volume of drug solution) from the infusion bag

- The infusion bag should be gently manipulated by hand to ensure it is mixed thoroughly
- Administer over 30 minutes [ref 1,3]
- See also under Further information- re administration undiluted

Dose in adults

Usual dose

- Give 600mg every 12 hours for 5 to 10 days [ref 2]

Renal impairment

- See Table 1 below

Table 1: Doses in renal impairment

CrCl (mL/min)	Initial dose	Maintenance dose	Maintenance dose schedule
50 to < 80	600mg	400mg every 12 hours	Begin Maintenance dose 12 hours AFTER initial dose
30 to < 50	600mg	250mg every 12 hours	
15 to < 30	600mg	150mg every 12 hours	Begin Maintenance dose 24 hours AFTER initial dose
< 15	600mg	60mg **(SIXTY)** every 12 hours	Begin Maintenance dose 48 hours AFTER initial dose

Hepatic impairment

- No dose modification is required

Elderly

- No dose modification is required

Monitoring

- Monitor temperature, blood pressure, heart rate, respiratory rate, O^2 saturation, behavioural changes, and injection site reaction [ref 3]
- Can increase ALT and AST and cause hepatocellular injury (1%)
- Common side effects are rash, ALT/AST increase and diarrhoea [ref 1,3]

Further information

- Can give undiluted over 30 minutes via electronically controlled device
- No dose adjustment is required for elderly patients

Storage

Store below 25^0C

References

SPC - DectovaÂ Â 01/10/2019

1. Zanamivir - BNF, accessed online via medicines completeÂ Â 17/01/2024
2. Guidance on the use of antiviral agents for the treatment and prophylaxis of Influenza,Â HSE, December 2023
3. Injectable medicines guide NHS Medusa Injectable Medicines Guide, downloaded 17/01/2024

Therapeutic classification

Direct Acting Antivirals - Neuraminidase inhibitors - J05AH