

Who can administer

May be administered by registered competent doctor or nurse/midwife

Important information

- See monitoring section re **INR** monitoring

Available preparations

Cernevit vial

Reconstitution

Water for injection

5ml per vial

Infusion fluids

Sodium chloride 0.9% or Glucose 5%

Methods of intravenous administration

Intermittent Intravenous infusion (preferred route)

- Can be given in 100ml infusion fluid ^(ref 1) but it must be administered over least 10 minutes
- A 50ml infusion may be used if required (eg fluid restriction) but the residual volume in the infusion line must be flushed through at the same rate to avoid significant underdosing

Slow Intravenous Injection

- Administer over at least 10 minutes

Dose in adults

Usual dose

- One vial daily

Monitoring

- **Watch INR** in patients on long-term treatment as **Cernevit does NOT contain Vitamin K**
- Therefore a hypocoagulable state is possible, particularly in patients on long-term treatment with Cernevit, without separate administration of Vitamin K
- Monitor LFTs
- Check B12 levels- as deficiency may require higher doses than that contained in Cernevit
- Monitor for Vitamin toxicity, particularly in patients receiving long-term supplementation

Further information

Each vial contains the equivalent of:

Retinol (as retinol palmitate)	3,500 units
Cholecalciferol	220 units
Alpha-tocopherol	11.2 units
Ascorbic acid	125mg
Thiamine (as co-carboxylase tetrahydrate)	3.51mg
Riboflavin (as riboflavin dihydrated sodium phosphate)	4.14mg
Pyridoxine (as pyridoxine hydrochloride)	4.53mg
Cyanocobalamin	6 micrograms
Folic acid	414 micrograms
Pantothenic acid (as dexpanthenol)	17.25mg
Biotin	69 micrograms
Nicotinamide	46mg

NB: No vitamin K contained

Storage

Store below 25°C

References

SPC September 2019

1. UKCPA, Minimum infusion volumes 4th Edition

Therapeutic classification

Intravenous nutrition