

- **UNLICENSED USE** Not licensed in children.

#### IMPORTANT SAFETY INFORMATION

MHRA/CHM ADVICE (SEPTEMBER 2007)

Although potentially serious allergic adverse reactions may rarely occur during, or shortly after, parenteral administration, the CHM has recommended that:

- This should not preclude the use of parenteral thiamine in patients where this route of administration is required, particularly in patients at risk of Wernicke-Korsakoff syndrome where treatment with thiamine is essential;
  - Intravenous administration should be by infusion over 30 minutes;
  - Facilities for treating anaphylaxis (including resuscitation facilities) should be available when parenteral thiamine is administered.
- **CAUTIONS** Anaphylaxis may occasionally follow injection
  - **BREAST FEEDING** Severely thiamine-deficient mothers should avoid breast-feeding as toxic methyl-glyoxal present in milk.
  - **PRESCRIBING AND DISPENSING INFORMATION**
    - ▶ With intravenous use Some preparations may contain phenol as a preservative.
  - **MEDICINAL FORMS** There can be variation in the licensing of different medicines containing the same drug. Forms available from special-order manufacturers include: oral suspension, oral solution

#### Modified-release tablet

- ▶ **Thiamine (Non-proprietary)**  
Thiamine hydrochloride 100 mg Vitamin B1 100mg modified-release tablets | 90 tablet £4.46

#### Tablet

- ▶ **Thiamine (Non-proprietary)**  
Thiamine hydrochloride 25 mg Vitamin B1 25mg tablets | 100 tablet [P] [X]
- ▶ **Thiamine hydrochloride 50 mg** Thiamine 50mg tablets | 28 tablet [P] £1.67-£1.80 | 100 tablet [P] £6.72 DT = £3.99 | 100 tablet [X] DT = £3.99
- ▶ **Thiamine hydrochloride 100 mg** Thiamine 100mg tablets | 28 tablet [P] £1.76-£6.72 | 100 tablet [X] DT = £5.74 | 100 tablet [P] £11.55 DT = £5.74
- ▶ **Benerva (Teofarma)**  
Thiamine hydrochloride 50 mg Benerva 50mg tablets | 100 tablet [P] £4.00 DT = £3.99
- ▶ **Thiamine hydrochloride 100 mg** Benerva 100mg tablets | 100 tablet [P] £6.29 DT = £5.74

#### Solution for injection

- ▶ **Thiamine (Imported)**  
Thiamine hydrochloride 50 mg per 1 ml Bevintine 100mg/2ml solution for injection ampoules | 5 ampoule [PoM] [X]
- ▶ **Thiamine hydrochloride 100 mg per 1 ml** Vitamin B1 Streuli 100mg/1ml solution for injection ampoules | 10 ampoule [PoM] [X]

## Vitamin B complex

20-Jul-2017

#### ● INDICATIONS AND DOSE

##### Treatment of deficiency

- ▶ BY MOUTH USING SYRUP
- ▶ Child 1-11 months: 5 mL 3 times a day, this dose is for *Vigranon B*<sup>®</sup> syrup.
- ▶ Child 1-11 years: 10 mL 3 times a day, this dose is for *Vigranon B*<sup>®</sup> syrup.
- ▶ Child 12-17 years: 10–15 mL 3 times a day, this dose is for *Vigranon B*<sup>®</sup> syrup.

##### Prophylaxis of deficiency

- ▶ BY MOUTH USING SYRUP
- ▶ Child 1-11 months: 5 mL once daily, this dose is for *Vigranon B*<sup>®</sup> syrup.

- ▶ Child 1-11 years: 5 mL twice daily, this dose is for *Vigranon B*<sup>®</sup> syrup.
- ▶ Child 12-17 years: 5 mL 3 times a day, this dose is for *Vigranon B*<sup>®</sup> syrup.

#### ● NATIONAL FUNDING/ACCESS DECISIONS

- **NHS restrictions** *Vigranon B*<sup>®</sup> syrup is not prescribable in NHS primary care.
- **LESS SUITABLE FOR PRESCRIBING** Vitamin B compound tablets, vitamin B compound strong tablets, and *Vigranon B*<sup>®</sup> syrup are less suitable for prescribing.

- **MEDICINAL FORMS** There can be variation in the licensing of different medicines containing the same drug.

#### Oral solution

- ▶ **Vigranon-B** (Wallace Manufacturing Chemists Ltd)  
Pyridoxine hydrochloride 400 microgram per 1 ml, Riboflavin sodium phosphate 548 microgram per 1 ml, Dextranthenol 600 microgram per 1 ml, Thiamine hydrochloride 1 mg per 1 ml, Nicotinamide 4 mg per 1 ml | *Vigranon-B* syrup sugar-free | 150 ml [P] £26.00

## Vitamins with minerals and trace elements

#### ● INDICATIONS AND DOSE

##### FORCEVAL<sup>®</sup> CAPSULES

##### Vitamin and mineral deficiency and as adjunct in synthetic diets

- ▶ BY MOUTH
- ▶ Child 12-17 years: 1 capsule daily, one hour after a meal

##### KETOVITE<sup>®</sup> LIQUID

##### Prevention of vitamin deficiency in disorders of carbohydrate or amino-acid metabolism | Adjunct in restricted, specialised, or synthetic diets

- ▶ BY MOUTH
- ▶ Child: 5 mL daily, dose adjusted according to condition, diet, or age, use with *Ketovite<sup>®</sup> Tablets* for complete vitamin supplementation.

##### KETOVITE<sup>®</sup> TABLETS

##### Prevention of vitamin deficiency in disorders of carbohydrate or amino-acid metabolism | Adjunct in restricted, specialised, or synthetic diets

- ▶ BY MOUTH
- ▶ Child: 1 tablet 3 times a day, dose adjusted according to condition, diet, or age, use with *Ketovite<sup>®</sup> Liquid* for complete vitamin supplementation.

- **PRESCRIBING AND DISPENSING INFORMATION** To avoid potential toxicity, the content of all vitamin preparations, particularly vitamin A, should be considered when used together with other supplements.

#### ● PATIENT AND CARER ADVICE

Medicines for Children leaflet: Multivitamin preparations for vitamin deficiency [www.medicinesforchildren.org.uk/multivitamin-preparations-vitamin-deficiency](http://www.medicinesforchildren.org.uk/multivitamin-preparations-vitamin-deficiency)

**KETOVITE<sup>®</sup> LIQUID** *Ketovite<sup>®</sup>* liquid may be mixed with milk, cereal, or fruit juice.

**KETOVITE<sup>®</sup> TABLETS** Tablets may be crushed immediately before use.

- **MEDICINAL FORMS** There can be variation in the licensing of different medicines containing the same drug.

#### Oral emulsion

- ▶ **Ketovite** (Essential Pharmaceuticals Ltd)  
Cyanocobalamin 2.5 microgram per 1 ml, Choline chloride 30 mg per 1 ml, Ergocalciferol 80 unit per 1 ml, Vitamin A 500 unit per 1 ml | *Ketovite* liquid sugar-free | 150 ml [P] £19.10