

## **Vitamin B12 (Cyanocobalamin, Hydroxocobalamin)**

**(Anivit B12 250 and 1000, Cobalaplex, Cobalin, Cyanocobalamin PXN-B12, Neo-Cytamen (hydroxocobalamin), Vitbee 250 and 1000) POM-VPS**

- **Formulations**

Injectable: 0.25 mg/ml, 1 mg/ml solutions. Oral: 0.5 mg capsules (Cyanocobalamin); 0.5 mg vitamin B12 + 0.2 mg vitamin B9 capsules (Cobalin).

- **Action**

Essential cofactor in metabolic processes involving growth, cell reproduction, haematopoiesis and myelin synthesis.

- **Use**

- Used to treat cobalamin (vitamin B12) deficiency. Such a deficiency may develop in patients with a familial cobalamin deficiency, significant malabsorptive disease of the distal ileum or exocrine pancreatic insufficiency.

- **DOSES**

- **Dogs** Injectable: 0.02 mg/kg s.c., i.m. q7d for 4–6 weeks until the serum concentration normalizes. Then as required to maintain normal serum levels. Oral: <10 kg: ½ capsule per day or 1 capsule every other day; 10–20 kg: 1 capsule per day; >20 kg: 2 capsules per day. The number of capsules can be increased or decreased as needed to maintain normal cobalamin.
- **Cats** Injectable: 0.02 mg/kg s.c., i.m. q7d for approximately 4 weeks until the serum concentration normalizes. Then as required to maintain normal serum levels. Oral: <10 kg: ½ capsule per day or 1 capsule every other day. The number of capsules can be increased or decreased as needed to maintain normal cobalamin.