# **Pentavite**

## **Newborn use only**

A1	Minimum A in annual and a second a second and a second an	desta (DAE) animi di di di di di di di	
Alert	Vitamin A is expressed as microgram retinol activity equivalents (RAE) or international units (IU) or		
	units.  1 microgram PAE = 1 microgram retinol = 2.3 units of retinol (3)		
	1 microgram RAE = 1 microgram retinol = 3.3 units of retin 1 microgram colecalciferol = 40 international units (or unit		
Indication	Prevention of vitamin deficiency. Suggested age group: <3'		
illuication	Cholestasis	Weeks and/or birtinweight \2.5 kg.	
Action	Multivitamin supplement		
Drug type	Multivitamin		
Trade name	Pentavite Infant liquid 0-3 years		
Presentation	Oral liquid Each 0.45 mL contains:		
	Vitamin A	Datinal palmitate 0.722 mg	
		Retinol palmitate 0.723 mg (390 microgram RE)	
	Vitamin B1 (as thiamine hydrochloride)	540 microgram	
	Vitamin B2 (riboflavin) (from riboflavine sodium	810 microgram	
	phosphate 1.1 mg)	810 IIIICI Ografii	
	Vitamin B3 (nicotinamide or niacin)	7.1 mg	
	Vitamin B6 (pyridoxine) (from pyridoxine hydrochloride	111 microgram	
	135 microgram)	TIT IIIICI OBI aiii	
	Vitamin C (ascorbic acid)	42.8 mg	
	Vitamin D (colecalciferol)	10.1 microgram (400 units)	
Dose	· · · · · · · · · · · · · · · · · · ·	· , , , ,	
Dose	Routine supplementation in preterm or low birthweight infants 0.45 mL daily. NOTE: Dose not based on weight.		
	Continue up to 12 months corrected age.		
	Continue up to 12 months corrected age.  Cholestasis		
	Refer to Vitamins in cholestasis formulary.		
Dose adjustment	nere to the mine and the same a		
Maximum dose	0.45 mL DAILY for routine supplementation		
Maximum dosc	0.45 mL BD for cholestasis		
Total cumulative dose			
Route	Oral or intra-gastric tube		
Preparation	No preparation required		
Administration	Do not shake the bottle.		
Administration	Administer undiluted or mixed with a small amount of milk	cinto infant's mouth through a feeding	
	teat or via intra-gastric tube.	time imane s mouth timough a recamb	
Monitoring	tout or the minut guestion taxes.		
Contraindications	Not yet tolerating full feeds		
Precautions	Direct administration into the mouth may cause choking a	nd annoes	
Drug interactions	Direct durining tractor into the mouth may cause thorning at	па арпоса	
Adverse reactions			
Compatibility			
Incompatibility	Her within Owerley of		
Stability	Use within 9 weeks after opening.		
Storage	Store below 25°C. Protect from light.		
	Refrigerate after opening.		
Excipients	Sodium saccharin, pineapple flavour		
Special comments			
Evidence	No studies were located which examined the impact of mu	Iltivitamin supplementation on any	
	outcomes in low birth weight (LBW) infants.		
	Policy statements from organisations in developed countries recommend providing multivitamin supplementation with a neonatal multivitamin preparation containing vitamins A, D, C, B1, B2, B6, pantothenic acid and niacin to all LBW infants receiving human milk from birth until the infant		
	attains a weight of 2000 g.	infants until 6 to 42 manths above also	
	Many units provide a multivitamin preparation to all LBW i	iniants until 6 to 12 months chronological	
	age.		

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	Vitamin D – There is evidence of reduced linear growth and increased risk of rickets in babies with a birth weight < 1500 g fed un-supplemented human milk. There is no consistent benefit of increasing the intake of vitamin D above 400 units per day.  There are no clinical trial data on the effect of vitamin D on key clinical outcomes in infants with a birth weight > 1500 g.	
Practice points		
References	<ol> <li>supplementation.</li> <li>Product Information: Penta-Vite Multivitamins Oral Liquid. MIMSOnline. Accessed 18/07/2014.</li> <li>Optimal feeding of low-birth-weight infants, technical review. Karen Edmond, MBBS, MSc (Epidemiology), PhD. London School of Hygiene and Tropical Medicine, London, U.K. Rajiv Bahl, MD, PhD. Department of Child and Adolescent Health and Development, WHO, Geneva.</li> <li>https://dietarysupplementdatabase.usda.nih.gov/Conversions.php. Accessed on 17 November 2021.</li> <li>https://www.pentavite.com/product/multivitamin-infant-liquid/. Accessed 04/07/2022.</li> </ol>	

VERSION/NUMBER	DATE
Original 1.0	08/08/2015
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