Pentavite Newborn use only

Alert	Vitamin A is expressed as microgram retinol activity equiva	alents (RAE) or international units (IU) or	
	units.		
	1 microgram RAE = 1 microgram retinol = 3.3 units of retin	ol. ⁽³⁾	
	1 microgram colecalciferol = 40 international units (or unit	s) of vitamin D3. ⁽³⁾	
Indication	Prevention of vitamin deficiency in infants born < 35 week	s gestation or < 2 kg birth weight	
Action	Multivitamin supplement		
Drug type	Multivitamin		
Trade name	Pentavite Infant liquid 0-3 years		
Presentation	Oral liquid		
	Each 0.45 mL contains:		
	Vitamin A (from retinol palmitate 714 microgram)	390 microgram RAE (1287 units of retinol)	
	Vitamin B1 (as thiamine hydrochloride)	540 microgram	
	Vitamin B2 (riboflavin) (from riboflavine sodium phosphate 1.1 mg)	810 microgram	
	Vitamin B3 (nicotinamide or niacin)	7.1 mg	
	Vitamin B6 (pyridoxine) (from pyridoxine hydrochloride	111 microgram	
	135 microgram)		
	Vitamin C (ascorbic acid)	42.8 mg	
	Vitamin D (colecalciferol)	10.1 microgram (400 units)	
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.		
	Cholestasis		
	Refer to Vitamins in cholestasis formulary.		
Dose adjustment			
Maximum dose	0.45 mL		
Total cumulative dose			
Route	Oral or intra-gastric tube		
Preparation	No preparation required		
Administration	Do not shake the bottle.		
	Administer undiluted or mixed with a small amount of mill	<pre>c into infant's mouth through a feeding</pre>	
	teat or via intra-gastric tube.		
Monitoring			
Contraindications	Not yet tolerating full feeds		
Precautions	Direct administration into the mouth may cause choking a	nd apnoea	
Drug interactions			
Adverse reactions			
Compatibility			
Incompatibility			
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 multivitamin supplementation on any		
	outcomes in low birth weight (LBW) infants.	and the second	
	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 hu	man milk from birth until the infant	
	attains a weight of 2000 g. Many units provide a multivitamin preparation to all LBW	infants until 6 to 12 months chronological	
	age.		
NMF consensus group	Pentavite	Page 1 of 2	

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