NEWBORN USE ONLY
GIVEN ON DOCTORS ORDER ONLY

PYRIDOXINE (VITAMIN B6)

USE
1. Diagnosis and treatment of pyridoxine-dependent seizures
2. Prophylaxis during Isoniazid therapy

PRESENTATION
50mg/ml vial May use injectable form orally.
25mg/tablet

DOSE
DIAGNOSTIC DOSE (for seizures) 100mg IV bolus or IM as a single test-dose followed by a 30 minute observation period
MAINTENANCE (for pyridoxine-dependent seizures) 50-100mg/day orally
PROPHYLAXIS (during isoniazid therapy) 2mg/kg/day orally

ROUTE
IV injection
IM injection
Oral

ADMINISTRATION
IV Slow IV bolus injection using the proximal IV bung
ORAL Dissolve one 25mg tablet in 5ml of water for injection to make a 5mg/ml solution
Note Lactose in tablet may make dissolved solution thick!

STORAGE
Discard unused portion.

MONITORING
Continuous cardiorespiratory monitoring. EEG may be required at some stage.
Initial IV dose is to be administered in level 3 nursery only!

ADVERSE EFFECT
1. Risk of profound sedation, ventilator support may be necessary.
2. Overdose is rare unless >100-250 times RDA–reversible nerve damage. Excess also can cause increased oxalate in urine leading to stone formation.

INCOMPATIBILITY
No data available

REFERENCE
MIMS Annual 1999; p 12-1918.