

CLINICAL POLICIES AND PROCEDURES

**NEWBORN USE ONLY
GIVEN ON DOCTORS ORDER ONLY**

**CLONAZEPAM
Schedule 8 Medication**

DESCRIPTION	Benzodiazepine which enhances the polysynaptic inhibitory process blocking spread of electrical activity from a focal lesion.	
USE	Seizures unresponsive to conventional therapy	
PRESENTATION	1mg/ml ampoule plus 1 ml of water for injection as a diluent	
DOSE	10-30mcg/kg/dose 8 hourly	
<i>DR A BYE REGIME</i>	LOADING DOSE	30mcg/kg/dose
	MAINTENANCE	5mcg/kg/hr

Infusion strength	Prescribed amount
1ml/hr=5mcg/kg/hr	0.25mg/kg Clonazepam to make a 50ml solution

ROUTE	IV Injection, IV Infusion
RECONSTITUTION	<p>BOLUS Add 1ml of diluent to make a 500mcg/ml solution.</p> <p>FURTHER DILUTE 0.2ml (100mcg) of reconstituted clonazepam to 0.8ml of 0.9% sodium chloride to make a 100mcg/ml solution.</p> <p>INFUSION Add the prescribed amount of clonazepam as calculated to 5%dextrose to make a total of 50ml solution.</p>
ADMINISTRATION	<p>BOLUS Slow IV bolus injection using the proximal IV bung</p> <p>INFUSION Continuous IV infusion at 1ml/hr=5mcg/kg/hr</p>
STORAGE	Discard unused portion.
MONITORING	Cardio-respiratory monitoring, seizure activity chart
ADVERSE EFFECT	Sedation, muscle relaxation, hypersalivation. Reduced dose may be necessary if renal function is impaired.
DRUG INTERACTION	Potentiates the sedative effects of CNS depressants. Concomitant administration with phenobarbitone or phenytoin may enhance the metabolism of clonazepam.
INCOMPATABILITY	No data available

REFERENCE

Young TE, Mangum B: Neofax: A Manual of Drugs used in Neonatal Care, ed 14. Raleigh, North Carolina: Acorn Publishing, USA, 2001