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

DR A BYE REGIME
LOADING DOSE 30mcg/kg/dose
MAINTENANCE 5mcg/kg/hr

<table>
<thead>
<tr>
<th>Infusion strength</th>
<th>Prescribed amount</th>
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<tbody>
<tr>
<td>1ml/hr=5mcg/kg/hr</td>
<td>0.25mg/kg Clonazepam to make a 50ml solution</td>
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ROUTE
IV Injection, IV Infusion

RECONSTITUTION
BOLUS Add 1ml of diluent to make a 500mcg/ml solution.
FURTHER DILUTE 0.2ml (100mcg) of reconstituted clonazepam to 0.8ml of 0.9%sodium chloride to make a 100mcg/ml solution.

INFUSION Add the prescribed amount of clonazepam as calculated to 5%dextrose to make a total of 50ml solution.

ADMINISTRATION
BOLUS Slow IV bolus injection using the proximal IV bung
INFUSION Continuous IV infusion at 1ml/hr=5mcg/kg/hr

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. Concomittant administration with phenobarbitone or phenytoin may enhance the metabolism of clonazepam.

INCOMPATABILITY
No data available

REFERENCE