



REGIONAL ADULT PARENTERAL DRUG MONOGRAPH

GENERIC NAME
propranolol



Effective Date: Dec 2011 Revised Date: Nov13-2013	CLASSIFICATION Antihypertensive Beta Adrenergic Betablocker	OTHER NAMES Inderal	PAGE 1 of 1
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ADMINISTRATION POLICY:

- IV Infusion – May be administered by nurse
- IV Bolus – May be administered by nurse
- IM Injection – *Not to be administered*

RECONSTITUTION/DILUTION/ADMINISTRATION:

Available as: 1 mg/mL – 1 mL vial

IV Bolus: May be administered undiluted over 2 to 3 minutes

IV Intermittent: Dilute in 50 mL normal saline IV minibag and infuse over 20 to 30 minutes

DOSAGE:

Usual:

IV Intermittent: 0.5 to 1 mg every 6 hours; increasing to 1 mg IV every 4 hours as required

OR

IV Bolus: 0.1 mg/kg divided into 3 equal doses given at 2 to 3 minute intervals. May repeat total dose in 2 minutes as needed

Maximum single dose: 2 mg

Maximum daily dose: 12 mg

Maximum rate: 1 mg/minute

Maximum concentration: 1 mg/mL

STABILITY/COMPATIBILITY:

Stability of multidose vial: N/A

Stability of Final Admixture: 24 hours at room temperature

Compatibility: Compatible with D5W, normal saline, dextrose/saline solutions

PRECAUTIONS, POTENTIAL ADVERSE REACTIONS:

- Too rapid administration may provoke extreme hypotension and cardiac arrest
- Bronchospasm
- May worsen heart failure
- Sinus bradycardia and heart block

ADDITIONAL NOTES AND NURSING CONSIDERATIONS:

- Recommend use: **Primary volume/time** with Colleague pump
- Contraindicated in bradycardia, heart failure, shock, asthma and 2nd/3rd degree heart block
- Cardiac monitoring required
- Monitor vital signs