



REGIONAL ADULT PARENTERAL DRUG MONOGRAPH

GENERIC NAME
metoclopramide

Effective Date: Dec 2012
Revised Date: Nov13-2013
Review Date: Sept 12 2018

CLASSIFICATION
Antiemetic

OTHER NAMES
Maxeran, Reglan

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ADMINISTRATION POLICY:

- IV Intermittent - May be administered by a nurse
- IV Bolus - May be administered by a nurse
- IM Injection - May be administered by a nurse
- Subcutaneous - May be administered by a nurse

RECONSTITUTION/DILUTION/ADMINISTRATION:

Available as: 5 mg/mL – 2 mL vial

IV Bolus: Only for doses less than or equal to 10 mg.
Administer undiluted over 1 to 2 minutes

IV Intermittent: Dilute in 50 mL normal saline.
Administer undiluted over at least 15 to 30 minutes.

IM/Subcutaneous: Administer undiluted.

Maximum rate: 10 mg/minute

Maximum concentration: 5 mg/mL

DOSAGE:

Usual: 10 to 20 mg every 4 to 6 hours

Maximum single dose: 20 mg

Maximum daily dose: 120 mg

STABILITY/COMPATIBILITY:

Stability of Diluted Solution: 24 hours at room temperature

Compatibility: Compatible in normal saline, D5W, dextrose-saline combinations and Lactated Ringer

PRECAUTIONS, POTENTIAL ADVERSE REACTIONS:

- Drowsiness, fatigue, dizziness, agitation, and headache.
- A transient but intense feeling of anxiety and restlessness, followed by drowsiness may occur with rapid IV Bolus administration (less than 1 minute)
- Extrapramidal effects (motor restlessness) may be eliminated or avoided by the administration of 25 to 50 mg of IV diphenhydramine.

ADDITIONAL NOTES AND NURSING CONSIDERATIONS:

- Not recommended for epileptics as it may cause an increase in seizure frequency and severity.
- Use with caution in patients with Parkinson’s disease or extrapyramidal symptoms
- Dosage reduction is indicated in renal impairment.
- Elderly patients: More likely to develop dystonic reactions than younger adults, start with 5 mg.