



REGIONAL ADULT PARENTERAL DRUG MONOGRAPH

GENERIC NAME
ergonovine

Effective Date: Mar 12 2014

Revised Date: Mar 14 2018

CLASSIFICATION
Oxytocic

OTHER NAMES
Ergometrine

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ADMINISTRATION POLICY:

- IV bolus** - May be administered by a nurse
- IM injection** - May be administered by a nurse

RECONSTITUTION/DILUTION/ADMINISTRATION:

Available as: 0.25 mg/mL – 1 mL ampoule. Keep in refrigerator

IV bolus: (Emergency Only) Dilute 0.25 mg (1 mL) in 5 mL normal saline and administer over 2 to 3 minutes

IM injection: Administer undiluted

DOSAGE:

Usual: **IV/IM:** Post partum hemorrhage: 0.25 mg, repeated every 2 to 4 hours for a total of 5 doses (1.25 mg) if necessary.

Maximum rate: **IV bolus:** over 1 minute

Maximum concentration: **IM:** 0.25 mg/mL
IV: 0.05 mg/mL

STABILITY/COMPATIBILITY:

Compatibility: Compatible with normal saline

PRECAUTIONS, POTENTIAL ADVERSE REACTIONS:

- Cardiovascular: palpitations, transient chest pain, dyspnea, bradycardia, hypertension (if IV dose is given too quickly or is undiluted)
- CNS: dizziness, headache
- GI: nausea and vomiting (more common with IV), diarrhea, abdominal pain

ADDITIONAL NOTES AND NURSING CONSIDERATIONS:

- Monitor for hypertension. Take blood pressure prior to administration; do not give if blood pressure is greater than 140/90.
- Elderly Alert: Use with caution due to vasoconstrictive properties and cardiovascular adverse effects.