



REGIONAL ADULT PARENTERAL DRUG MONOGRAPH

GENERIC NAME
phytonadione

Effective Date: Dec 2013 Revised Date: Nov13-2013	CLASSIFICATION Vitamin	OTHER NAMES Vitamin K1, Aqua-Mephyton	PAGE 1 of 1
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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: 10 mg/mL – 1 mL ampoule. Protect from light
IV Intermittent: Dilute dose in 10 to 50 ml normal saline and infuse over 15 to 30 minutes
IV Bolus: Administer dose undiluted or diluted to 10 mL at a maximum rate of 1 mg/minute
IM/Subcut: Administer undiluted
Maximum rate: 1 mg/minute
Maximum concentration: 10 mg/mL

DOSAGE:
Usual: 1 to 10 mg IV/SC/IM/PO. May repeat dose in 6 to 8 hours if there is inadequate response
Note: The PO route is the preferred; SC and IM administration is not recommended due to erratic absorption and increased risk for hematoma.
Maximum single dose: 50 mg
Maximum daily dose: 50 mg

STABILITY/COMPATIBILITY:
Stability of Diluted Solution: 24 hours at room temperature.
Compatibility: Compatible with normal saline, D5W, D5W-normal saline combinations, Lactated Ringer

PRECAUTIONS, POTENTIAL ADVERSE REACTIONS:

- Hypersensitivity or anaphylactic reactions are rare but may be severe: cardiac irregularities, chest pain, bronchospasm, dizziness, and hypotension.
- Dilution and slow infusions may not prevent severe reactions
- Erythema, pain, swelling, and tenderness at the injection site.

ADDITIONAL NOTES AND NURSING CONSIDERATIONS:

- Ineffective against the anticoagulant action of heparin
- In liver disease, do not repeat large doses if the initial dose is not effective.