



REGIONAL ADULT PARENTERAL DRUG MONOGRAPH

GENERIC NAME

sodium phosphate



Effective Date: Nov 18 2020 Revised Date: Jan 10 2024	CLASSIFICATION Electrolyte	OTHER NAMES	PAGE 1 of 1
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ADMINISTRATION POLICY:
IV Infusion: May be administered by Nurse

RECONSTITUTION/DILUTION/ADMINISTRATION:
Solutions will be prepared by Pharmacy during regular pharmacy hours. Nursing can prepare after pharmacy hours.

Available as: 3 mmol/mL of phosphorus (also contains 4 mmol/mL of sodium) – 10 mL vial

IV Infusion/Intraosseous: Dilute 15 mmol phosphorus (5 mL) in 100 or 250 mL normal saline. Administer over 4-6 hours. (also contains 20 mmol sodium)
Dilute 30 mmol phosphorus (10 mL) in 250 or 500 mL normal saline. Administer over 4-6 hours. (also contains 40 mmol sodium)
For severe hypophosphatemia: May administer at rates up to 15 mmol/hr

Maximum rate: 15 mmol phosphorus over 1 hour

Maximum concentration: 15 mmol phosphorus/100 mL

DOSAGE:

Usual: 15 or 30 mmol of phosphorus (equivalent to: 20 or 40 mmol of sodium)

Maximum daily dose: 60 mmol phosphorus

STABILITY/COMPATIBILITY:

Stability of Final Admixture: 24 hours room temperature

Compatibility: Compatible with NS, D5W, or dextrose/saline solutions

PRECAUTIONS, POTENTIAL ADVERSE REACTIONS:

- Hyperphosphatemia, hypokalemia, hypocalcemia, hypomagnesemia, dehydration, hypotension
- QT prolongation

ADDITIONAL NOTES AND NURSING CONSIDERATIONS:

- Phosphates may be incompatible with calcium salts