

PHOSPHATE

Salt	Form	Strength	Elemental PO ₄ ³⁻	Other
phosphates solution	liquid	500 mg/4mL	500mg/4 mL (16 mmol/4mL)	19.3 mmol sodium/4 mL
POTASSIUM phosphate	injection		15 mmol/50-250 mL D5W	22 mmol K ⁺ per 15 mmol PO ₄ ³⁻
SODIUM phosphate	injection		15 mmol/100 mL D5W	20 mmol Na ⁺ per 15 mmol PO ₄ ³⁻

Treatment of Hypophosphatemia:

Status	Route	Dose
Recent and uncomplicated hypophosphatemia	PO	phosphates solution 500mg (16 mmol, 4mL) 2-4 times daily
	IV	<p>Potassium Phosphate: 15 mmol PO₄³⁻ in 50 mL D5W centrally OR in 250 mL D5W peripherally x 1. Infuse 15 mmol PO₄³⁻ over minimum 2 hours.*</p> <p>Sodium Phosphate: 15 mmol PO₄³⁻ in 100 mL D5W centrally or peripherally x 1. Infuse 15 mmol PO₄³⁻ over minimum 2 hours.*</p>
Symptomatic hypophosphatemia	IV	<p>15 mmol PO₄³⁻ IV x 1-3 doses (per above dilutions and rate)</p> <p>Higher doses of 30-45 mmol may be administered for severe deficiency (sodium phosphate formulation preferred with higher doses due to no potassium content).</p> <p>Additional doses should be guided by serum phosphate levels taken no sooner than 4 hours after the infusion or next morning. Also, check serum potassium and calcium levels.</p>
<p>* Critical Care areas: Central line - may administer 15 mmol PO₄³⁻ over 1 hour (ECG monitoring required for Potassium phosphate)</p>		