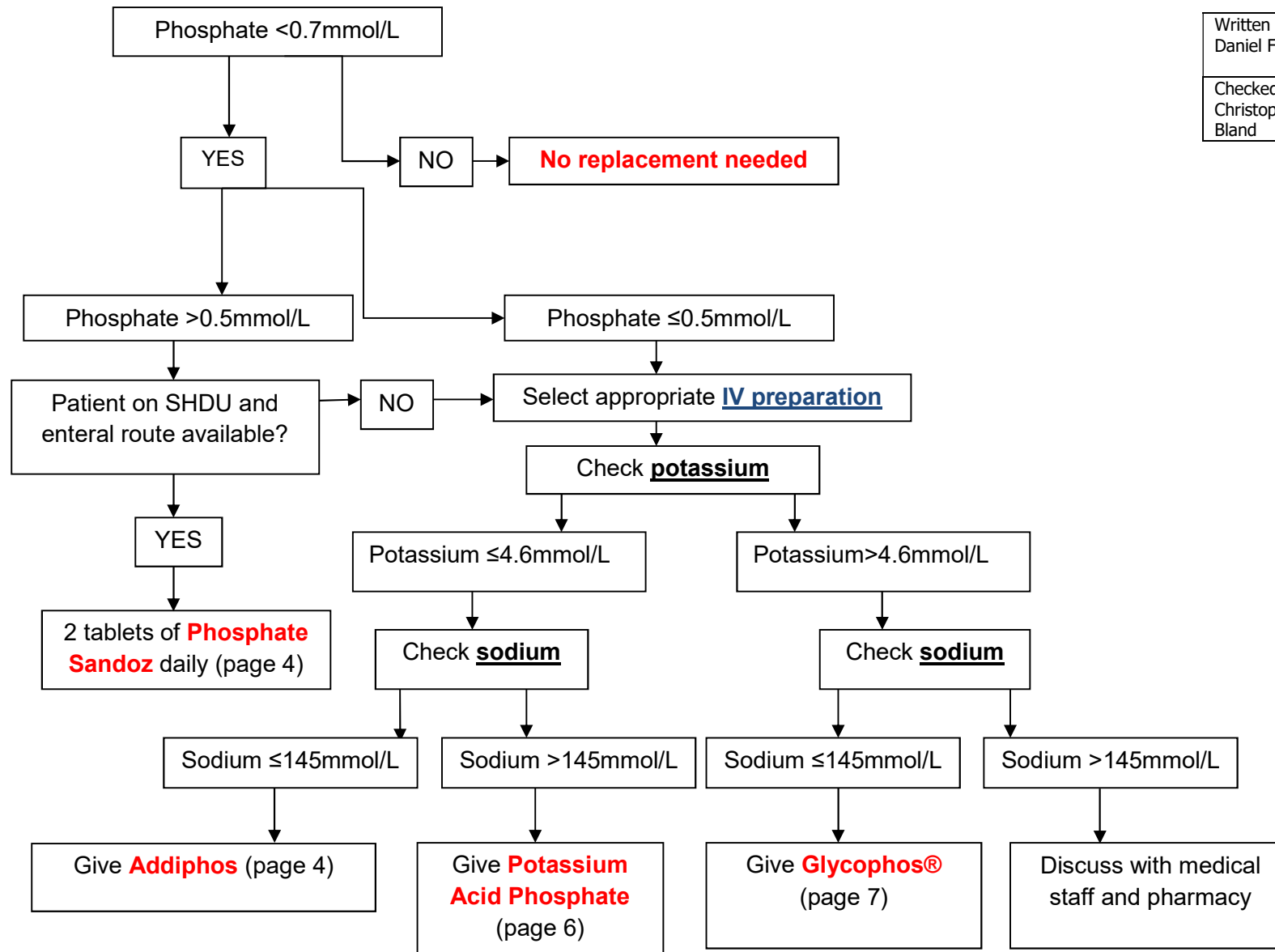


## Hypophosphataemia – Choice of Replacement Therapy



Written by: Daniel Fairley	Date written: April 2022
Checked by: Christopher Bland	Review: April 2024

# Hypophosphataemia – Potassium Acid Phosphate

## 20mls Potassium acid phosphate

Phosphate 20mmol

Potassium 20mmol

### EXCLUSIONS

- No ECG monitoring
- Potassium >4.6mmol/l (see flowchart on page 3)
- Sodium <145mmol/L (see flowchart on page 3)

### Dosing and Administration

Route	Preparation	Notes
Peripheral	Add required volume of potassium acid phosphate to 500ml glucose 5% and give via a volumetric pump over 6 hours	
Central venous	Dilute required volume of potassium acid phosphate to 100ml of glucose 5% (remove equivalent volume from bag and discard) and give via a volumetric pump over 2 hours	

Phosphate Level	Action	Monitor
>0.7mmol/l	Nil	Every 24 hours unless otherwise directed
Moderate Hypophosphataemia 0.4-0.7mmol/l	Administer 20mmol of phosphate	Check phosphate and corrected calcium in 24 hours
Severe Hypophosphataemia <0.4mmol/l	Inform medical staff and administer 20mmol of phosphate	Check phosphate, corrected calcium, magnesium and potassium in 12 hours

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