

# Drug Protocol

## Newborn Service John Hunter Children's Hospital

This protocol has been prepared for use in the Neonatal Intensive Care Unit.

|                                      |  |                        |
|--------------------------------------|--|------------------------|
| <b>DRUG</b>                          | <b>POTASSIUM ACETATE</b> <span style="float: right;">Electrolyte</span>  |                        |
| <b>INDICATIONS</b>                   | Treating hypokalaemia and prevention of hypokalaemia<br>Helping correct or prevent metabolic acidosis                                    |                        |
| <b>PRESENTATION</b>                  | 2.45 g/5 mL, 5 mmol/mL   |                        |
| <b>RECONSTITUTION &amp; DILUTION</b> | Not required. Add to crystalloid IV fluids   |                        |
| <b>STABILITY</b>                     | Discard unused portion   |                        |
| <b>DOSAGE</b>                        | 1 - 4 mmol/kg/day  |                        |
| <b>ADMINISTRATION</b>                | In IV fluids   |                        |
| <b>COMPATIBILITY</b>                 | <u>Fluids &amp; Solutions:</u> G5W, G10W<br><u>Injection Site:</u> Sodium chloride, sodium acetate, calcium chloride, sodium bicarbonate |                        |
| <b>INCOMPATIBILITY</b>               | <u>Fluids &amp; Solutions:</u><br><u>Injection Site:</u> diazepam, phenytoin   |                        |
| <b>ADVERSE EFFECTS</b>               | Hyperkalaemia<br>Metabolic alkalosis   |                        |
| <b>OTHER COMMENTS</b>                | Rarely required but can be useful managing metabolic acidosis particularly in extreme prematurity.<br>Monitor electrolytes Na, K, Cl     |                        |
| <b>STORAGE &amp; STABILITY</b>       | Store at room temp and protect from light  |                        |
| <b>COMPILED</b>                      | Nov 2010   | <b>Review</b> Nov 2015 |

**REFERENCES      Potassium acetate**

Neofax 2010

Problems in Paediatric Drug Therapy 4<sup>th</sup> Ed. L A Pagliaro & A M Pagliaro