South Australian Neonatal Medication Guidelines

spironolactone 5mg/mL oral mixture*

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Dose and Indications

Treatment of fluid overload states associated with hyperaldosteronism, including congestive heart failure and chronic lung disease (BPD); in combination with other diuretics

Oral

1mg/kg every twelve hours

Dose may be increased up to 2mg/kg if required

Preparation and Administration

Oral

The 5mg/mL solution contains:

	•	•	•	•	10mg	12mg
Volume	0.4mL	0.8mL	1.2mL	1.6mL	2mL	2.4mL

^{* 5}mg/mL oral mixture is not commercially available however is manufactured at Women's & Children's Health Network Pharmacy and Flinders Medical Centre

Give with feeds to minimise gastrointestinal irritation

Adverse Effects

Common

Hyperkalaemia, hyponatraemia, hypochloraemia (especially when combined with thiazide diuretics), vomiting

Infrequent

Gastrointestinal cramps, diarrhoea, drowsiness, gynaecomastia, mild acidosis, renal impairment

Rare

agranulocytosis, hepatotoxicity, rash, lichen planus, lupus-like syndrome, cutaneous vasculitis, urticaria, alopecia, chloasma, osteomalacia



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Monitoring

- > Electrolytes particularly potassium
- > Renal function
- > Periodic liver function tests and full blood counts if used long term

Practice Points

> As there is a high risk of hyperkalaemia in renal impairment, avoid if rapidly deteriorating or severe renal impairment

Version control and change history

PDS reference: OCE use only

Version Date from		Date to	Amendment		
1.0	November 2012	current	Original version		



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