

# Neonatal Medication Guideline

## Clinical Guideline

### IV Compatibility in Neonates

**Policy developed by:** SA Maternal, Neonatal & Gynaecology Community of Practice

**Approved SA Health Safety & Quality Strategic Governance Committee on:** 6 October 2017

**Next review due:** 6 October 2020

**Summary** The purpose of this guideline is to guide nursing, midwifery, medical and pharmacy staff in the dosing and administration of IV medications in neonates

**Keywords** IV compatibility in neonates, compatibility, neonatal medication guideline, aciclovir, adrenaline, epinephrine, alprostadil, benzylpenicillin, penicillin, penicillin G, caffeine, caffeine citrate, calcium, calcium gluconate, cefotaxime, ciprofloxacin, dexamethasone, dexamethasone sodium phosphate, dobutamine, dopamine, fentanyl, fentanyl citrate, flucloxacillin, fluconazole, furosemide, frusemide, gentamicin, hydrocortisone, hydrocortisone sodium succinate, insulin, insulin (neutral), magnesium, magnesium sulfate, magnesium sulphate, meropenem, metronidazole, midazolam, morphine, morphine sulfate, morphine sulphate, noradrenaline, noradrenaline tartrate, norepinephrine, phenobarbitone, phenobarbitone sodium, piptaz, piperacillin/tazobactam, potassium, potassium chloride, ranitidine, sodium bicarbonate, suxamethonium, thiopentone, vancomycin, vecuronium

**Policy history** Is this a new policy? **N**  
Does this policy amend or update an existing policy? **Y v1.0**  
Does this policy replace an existing policy? **N**

**Applies to** All SA Health Portfolio

**Staff impact** All Clinical, Medical, Midwifery, Nursing, Students, Allied Health, Emergency, Mental Health, Pathology, Pharmacy

**PDS reference** CG275

#### Version control and change history

Version	Date from	Date to	Amendment
1.0	November 2012	February 2013	Original version
2.0	February 2013	October 2017	Updated version
3.0	6 October 2017	current	Complete review

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South Australian Neonatal Medication Guidelines

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## Note

This guideline provides advice of a general nature. This statewide guideline has been prepared to promote and facilitate standardisation and consistency of practice, using a multidisciplinary approach. The guideline is based on a review of published evidence and expert opinion.

Information in this statewide guideline is current at the time of publication.

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Health practitioners in the South Australian public health sector are expected to review specific details of each patient and professionally assess the applicability of the relevant guideline to that clinical situation.

If for good clinical reasons, a decision is made to depart from the guideline, the responsible clinician must document in the patient's medical record, the decision made, by whom, and detailed reasons for the departure from the guideline.

This statewide guideline does not address all the elements of clinical practice and assumes that the individual clinicians are responsible for discussing care with consumers in an environment that is culturally appropriate and which enables respectful confidential discussion. This includes:

- The use of interpreter services where necessary,
- Advising consumers of their choice and ensuring informed consent is obtained,
- Providing care within scope of practice, meeting all legislative requirements and maintaining standards of professional conduct, and
- Documenting all care in accordance with mandatory and local requirements

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**Contact:**

978-1-74243-881-8  
South Australian Maternal, Neonatal & Gynaecology Community of Practice  
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