

DRUG:	AMIKACIN												
PRESENTATION:	Vial: 500mg/2mL												
ACTION & INDICATION:	Semi-synthetic aminoglycoside for treatment of serious infection due to susceptible strains of gram negative bacilli												
DOSE:	<p>Single daily dose:</p> <table> <tr> <td>< 30 weeks</td> <td>7.5 mg/kg/dose</td> <td>24 hourly</td> </tr> <tr> <td>30-36 weeks</td> <td>10 mg/kg/dose</td> <td>24 hourly</td> </tr> <tr> <td>Term: 1st week of life</td> <td>15 mg/kg/dose</td> <td>24 hourly</td> </tr> <tr> <td>2nd week of life onwards</td> <td>22.5mg/kg/dose</td> <td>24 hourly</td> </tr> </table>	< 30 weeks	7.5 mg/kg/dose	24 hourly	30-36 weeks	10 mg/kg/dose	24 hourly	Term: 1st week of life	15 mg/kg/dose	24 hourly	2nd week of life onwards	22.5mg/kg/dose	24 hourly
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PREPARATION:	<p>Use solution prepared in Pharmacy if available.</p> <p>Diluent: Water for Injections, Glucose 5%, sodium chloride 0.9%</p> <p>Draw up contents of vial, make up to 50mL = 500mg in 50mL = 10mg/mL</p>												
ADMINISTRATION:	<p>Intramuscular</p> <p>Intravenous: Infuse over 20 to 30 minutes</p>												
ADVERSE EFFECTS:	<p>Hearing loss, reduced renal function, renal failure, vertigo, anaemia, arthralgia.</p> <p>Toxicity may be enhanced by concurrent administration of diuretic.</p>												
COMMENTS:	Discard vial immediately after use												
DRUG LEVELS:	<p>Trough: < 5mg/L</p> <p>Sample immediately prior to 4th dose and every 3 to 5 days thereafter</p> <p>Peak: Not required</p>												
REFERENCES:	Paediatric Pharmacopoeia 13 th Ed Royal Children's Hospital Melbourne												
DATE:	January 2011												