**DRUG:** AMOXYCILLIN  

**PRESENTATION:**  
- Vial: 500mg  
- Oral Suspension: 250mg/5mL, 100mg/mL (KEMH only)  

**ALERTS & RESTRICTIONS**  
- Antimicrobial Restriction: Category A GREEN Unrestricted  

**ACTION & INDICATION:**  
- Moderate spectrum penicillin antibiotic  
- For treatment of sensitive organisms including Listeria monocytogenes and group B Streptococci  

**DOSE:**  
- Infections due to susceptible organisms  

<table>
<thead>
<tr>
<th>Corrected Gestational Age</th>
<th>Postnatal Age</th>
<th>Dose</th>
<th>Frequency</th>
</tr>
</thead>
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<td>All ages</td>
<td>&lt; 7 days</td>
<td>50mg/kg/dose</td>
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<tr>
<td></td>
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**Meningitis**  

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**PREPARATION:**  
- Diluent: Water for Injections  

| IV: Add 4.6mL of diluent to 500mg vial = 100mg/mL | IM: Add 1.6mL of diluent to 500mg vial = 250mg/mL | Oral 250mg/5mL: Add 13mL of Water for Irrigation to the powder for suspension in the bottle | Oral 100mg/mL: Please check brand before reconstituting mixture | Sandoz brand: Add 92mL of Water for Irrigation to the powder for suspension in the bottle |

**ADMINISTRATION:**  
- IV Injection: Inject over 3-5 minutes.  
- IM Injection: As per NCCU policy  
- Oral: May be given at any time with regard to feeds.  

**ADVERSE EFFECTS:**  
- Vomiting, Diarrhea, Urticaria, Anaemia, Thrombocytopenia purpura Phlebitis  

**COMMENTS:**  
- IV Aminoglycosides are inactivated by IV Penicillins and Cephalosporins. If both are prescribed, flush the line well with Sodium Chloride 0.9% before and after giving each medication.  
- Discard reconstituted vial immediately after use.  
- Store reconstituted oral suspension in refrigerator. Discard after 14 days.  

**REFERENCES:**  