**Intravenous Antibiotic - Oral Switch Therapy (IVOST) Protocol**

**Note:** There is no minimum length of time for intravenous antibiotics to continue

<table>
<thead>
<tr>
<th>Indications to Continue IV Therapy</th>
<th>Oral</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continuing serious sepsis (2 or more of the following) - temp &gt; 38°C or &lt; 36°C - tachycardia ≥ 90/min - tachypnoea &gt; 20 breaths/min - WCC &gt; 12 or &lt; 4</td>
<td>Amoxicillin 500mg - 1g tds</td>
</tr>
<tr>
<td>Febrile with neutropenia (WCC &lt;1.0) or immunosuppression</td>
<td>For RESP Co-amoxiclav 625mg tds</td>
</tr>
<tr>
<td>Specific infections which require high dose IV therapy eg endocarditis, septic arthritis, osteomyelitis, meningitis, abscess, cystic fibrosis patients, prosthetic infection</td>
<td>For GI Co-trimoxazole 960mg bd + Metronidazole 400mg tds</td>
</tr>
<tr>
<td>Oral route compromised - vomiting - nil by mouth - reduced absorption e.g. severe diarrhoea or steatorrhoea - mechanical swallowing disorder - unconscious</td>
<td>Amoxicillin 1g tds + Metronidazole 500mg tds</td>
</tr>
<tr>
<td>Patient post surgery not tolerated 1 litre of oral fluid s</td>
<td>Amoxicillin 1g tds + Gentamicin 7mg/kg</td>
</tr>
<tr>
<td>IV antibiotic not included in IVOST protocol</td>
<td>Co-amoxiclav 600mg qds</td>
</tr>
</tbody>
</table>

**Box 1**

**Indications to Continue IV Therapy**

- Continuing serious sepsis (2 or more of the following)
  - temp > 38°C or < 36°C
  - tachycardia ≥ 90/min
  - tachypnoea > 20 breaths/min
  - WCC > 12 or < 4
- Febrile with neutropenia (WCC <1.0) or immunosuppression
- Specific infections which require high dose IV therapy eg endocarditis, septic arthritis, osteomyelitis, meningitis, abscess, cystic fibrosis patients, prosthetic infection
- Oral route compromised
  - vomiting
  - nil by mouth
  - reduced absorption e.g. severe diarrhoea or steatorrhoea
  - mechanical swallowing disorder
  - unconscious
- Patient post surgery not tolerated 1 litre of oral fluid s
- IV antibiotic not included in IVOST protocol

**Box 2**

**IV** | **Oral**
---|---
Amoxicillin 500mg-1g tds | Amoxicillin 500mg - 1g tds
Amoxicillin 1g tds + Metronidazole 500mg tds + Gentamicin 7mg/kg | For RESP Co-amoxiclav 625mg tds
Amoxicillin 1g tds + Metronidazole 500mg tds | For GI Co-trimoxazole 960mg bd + Metronidazole 400mg tds
Amoxicillin 1g tds + Metronidazole 500mg tds | Amoxicillin 1g tds + Metronidazole 400mg tds
Amoxicillin 1g tds + Gentamicin 7mg/kg | Co-trimoxazole 960mg bd
Benzylpenicillin 1.2g qds | Penicillin V 1g bd or 500mg qds
Clarithromycin 500mg bd | Erythromycin 500mg qds or Clarithromycin 500mg bd
Clindamycin 600mg qds | Clindamycin 300 - 450mg tds
Co-amoxiclav 1.2g tds | Co-amoxiclav 625mg tds
Co-amoxiclav 1.2g tds + Doxycycline PO 100mg bd | Doxycycline 100mg bd
Co-amoxiclav 1.2g tds + Clarithromycin 500mg bd | Doxycycline 100mg bd
Co-trimoxazole 960mg bd | Co-trimoxazole 960mg bd
Co-trimoxazole 960mg bd + Gentamicin 7mg/kg | Co-trimoxazole 960mg bd
Fluclaxacillin 1g qds | Fluclaxacillin 1g qds
Gentamicin 7mg/kg alone | Seek micro or ID advice
Levofloxacin 500mg bd | Doxycycline 100mg bd
Metronidazole 500mg tds | Metronidazole 400mg tds

**Antimicrobial Management Group**

Approved June 12

Review June 2014