Follow bacterial decolonization protocol

Antibiotic allergies?

No

Yes

Pre-Operative

No allergies to penicillins, cephalosporins, or vancomycin

Ceftazidime AND vancomycin

Incision

Intra-Operative

Re-dose ceftazidime q4h

Consider adjuvant vancomycin (2g) in bone graft

_Re-dose ceftazidime q4h AND clindamycin q6h_**

_Wound Closure_

Post-Operative

Cefazolin q8h x3 doses

Clindamycin q6h x4 doses

Discontinue all antibiotics

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Updated 12/2022
## HIGH-RISK SPINAL FUSION

### ANTIBIOTICS

<table>
<thead>
<tr>
<th>Antibiotic</th>
<th>Dose</th>
<th>Frequency Intra-op</th>
<th>Frequency Post-op</th>
<th>Route</th>
<th>Maximum Dose</th>
<th>Time to Incision</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ceftazidime</td>
<td>50 mg/kg/dose</td>
<td>Every 4 hours</td>
<td>Every 6 hours</td>
<td>Intravenous</td>
<td>2000 mg</td>
<td>Within 60 minutes of incision</td>
<td>Infusion for 120 minutes with history of Redman syndrome Modify frequency with renal dysfunction – Contact pharmacy for recommendations.</td>
</tr>
<tr>
<td>Vancomycin</td>
<td>15 mg/kg/dose</td>
<td>Every 6 hours</td>
<td>No re-dose</td>
<td>Intravenous</td>
<td>1000 mg</td>
<td>Within 60 minutes of incision</td>
<td></td>
</tr>
<tr>
<td>Clindamycin</td>
<td>10 mg/kg/dose</td>
<td>Every 6 hours</td>
<td>Every 6 hours</td>
<td>Intravenous</td>
<td>900 mg</td>
<td>Within 60 minutes of incision</td>
<td></td>
</tr>
<tr>
<td>Levofloxacin</td>
<td>10 mg/kg/dose</td>
<td>No re-dose</td>
<td>No re-dose</td>
<td>Intravenous</td>
<td>500 mg</td>
<td>Within 120 minutes of incision</td>
<td>Infusion to be run over 60 minutes</td>
</tr>
<tr>
<td>Cefazolin</td>
<td>30 mg/kg/dose</td>
<td>Every 3 hours</td>
<td>Every 8 hours</td>
<td>Intravenous</td>
<td>&lt;120kg – 2 g &gt;120kg – 3 g</td>
<td>Within 60 minutes of incision</td>
<td></td>
</tr>
</tbody>
</table>

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