THE DOSE MAY APPEAR HIGH BUT LIKELY NOT A REASON TO CALL

CONSIDER & CALCULATE FIRST

Example of a 90 mg/kg/day prescription for acute otitis media

<table>
<thead>
<tr>
<th>Child's WEIGHT (kilograms)</th>
<th>Child's WEIGHT (approx. pounds)</th>
<th>Typical AGE for Child of this Weight</th>
<th>Typical HIGH DOSE Amoxicillin Prescription If using 250 mg/5mL</th>
<th>Typical DURATION of Treatment</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>15</td>
<td>6 to 11 months</td>
<td>300 mg BID = 6 mL BID</td>
<td>10 days</td>
</tr>
<tr>
<td>9</td>
<td>20</td>
<td>12 to 23 months</td>
<td>400 mg BID = 8 mL BID</td>
<td>5 days (may be up to 10 days if recurrent infection, treatment failure or perforated ear drum)</td>
</tr>
<tr>
<td>14</td>
<td>30</td>
<td>2 to 3 year old</td>
<td>625 mg BID = 12.5 mL BID</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>40</td>
<td>4 to 5 year old</td>
<td>800 mg BID = 16 mL BID</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>50</td>
<td>6 to 7 year old</td>
<td>1000 mg BID = 20 mL BID</td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>60</td>
<td>8 to 9 year old</td>
<td>1200 mg BID = 24 mL BID</td>
<td></td>
</tr>
</tbody>
</table>

Usual maximum dose is 3 g / day. CPS'15 states up to 4g/day for pneumonia in children

- Guidelines recommend high-dose amoxicillin for greater effectiveness in infections commonly caused by intermediate-resistant Streptococcus pneumoniae.

- High-dose amoxicillin is indicated for acute otitis media (BID x 5 to 10 days), and sometimes other infections, such as pneumonia (TID x 7 to 10 days).

- After completing a weight-based dose check on a pediatric prescription, the higher dose range may sometimes appear alarmingly ‘adult-like’, but is reasonable, effective and well-tolerated.

For more information, visit www.RxFiles.ca

References:

Thank you for the great service you provide!
Details That Matter
~
Objective & Evidence-based Drug Information

RxFiles
Drug Comparison CHARTS
Celebrating 20 years of Academic Detailing

Drug Comparison Charts
11th Edition

App / Online Subscription also available

www.RxFiles.ca

Follow Us:
through email updates

OR
ON: