Ketorolac 30 mg/mL - 1 mL injection shortage

Due to the Sandoz drug shortage, ketorolac 30 mg/mL - 1 mL injection is projected to be in short supply by the end of the month if current usage patterns continue. While there is still supply of 10 mg/mL, 1 mL ampoules from Hoffman-La Roche, we expect with current usage patterns, this too will come into short supply if our usage does not change.

In order to conserve our stock to ensure it is available for those patients where alternatives do not exist, the following is recommended:

- Switch to an oral or rectal alternative in all cases except when IV, SC or IM are the only appropriate options

Approximate equivalent dosing to ketorolac 30 mg parenteral dose*:

<table>
<thead>
<tr>
<th>Oral</th>
<th>Rectal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ibuprofen 400mg</td>
<td>Indomethacin 100mg</td>
</tr>
<tr>
<td>Acetaminophen 1000mg</td>
<td>Naproxen 500mg</td>
</tr>
<tr>
<td><strong>Important</strong> - AHS formulary has a therapeutic interchange for all oral NSAIDs to the equivalent ibuprofen dose</td>
<td>Acetaminophen 975 mg (650 and 325 mg suppository)</td>
</tr>
</tbody>
</table>

*Alternatives are provided for clinician information and may not be appropriate for all clinical situations. The information provided does not replace clinician judgement.

- The literature suggests all oral NSAIDS have similar efficacy; however oral ketorolac may have an increased risk with respect to gastrointestinal bleeding.

**Action:**

Please post this notice in your area and ensure all staff is informed about the change.

**Contact:**

Please contact your site pharmacy department with any questions or concerns.

Prepared By: Mandy DeJong, DUE pharmacist