Spironolactone

Products on Saskatchewan Formulary\(^1\) and Drug Product Database:\(^2\)

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Dosage Form</th>
<th>DIN</th>
<th>Mfr</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spironolactone only</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Novo-Spiroton</td>
<td>25 mg tablet</td>
<td>00613215</td>
<td>NOP</td>
</tr>
<tr>
<td>Aldactone</td>
<td>25 mg tablet</td>
<td>00028606</td>
<td>PFI</td>
</tr>
<tr>
<td>Novo-Spiroton</td>
<td>100 mg tablet</td>
<td>00613223</td>
<td>NOP</td>
</tr>
<tr>
<td>Aldactone</td>
<td>100 mg tablet</td>
<td>00285455</td>
<td>PFI</td>
</tr>
<tr>
<td>Combination Products (spironolactone/hydrochlorothiazide)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Novo-Spirozine</td>
<td>25 mg/25 mg tablet</td>
<td>00613231</td>
<td>NOP</td>
</tr>
<tr>
<td>Aldactazide</td>
<td>25 mg/25 mg tablet</td>
<td>00180408</td>
<td>PFI</td>
</tr>
<tr>
<td>Novo-Spirozine</td>
<td>50 mg/50 mg tablet</td>
<td>00657182</td>
<td>NOP</td>
</tr>
<tr>
<td>Aldactazide</td>
<td>50 mg/50 mg tablet</td>
<td>00594377</td>
<td>PFI</td>
</tr>
</tbody>
</table>

Spironolactone is available in bulk powder (10 g) for compounding.\(^3\)

Extemporaneous compounding formulae of oral suspension are available:
5 mg/ml:
http://www.sickkids.ca/pdfs/Pharmacy/2695-Spironolactone.pdf

Various concentrations ranging from 1 mg/ml to 25 mg/ml:
http://www.pharminfotech.co.nz/manual/Formulation/mixtures/spironolactone.html

Options:

- Switch to combination product if suitable.
- If one tablet strength is available, use for all doses. For low doses that are not feasibly obtained using 100 mg tablets, compound an oral suspension.
- Compound an oral suspension or make capsules with bulk powder.

Indications:\(^4\)

- **Primary hyperaldosteronism**
  - Alternatives - Eplerenone \(^5\) – theoretical, off-label; amiloride \(^5\)-\(^7\)
- **Edematous states:**
  - Congestive heart failure
    - alternative - eplerenone \(^8\)-\(^9\)
  - Cirrhosis of the liver accompanied by edema and/or ascites
    - spironolactone is useful because of high plasma aldosterone levels. Often used in combination with furosemide and possibly metolazone.\(^10\)
    - possible alternative - amiloride\(^10\)
  - The nephrotic syndrome
- **Essential hypertension**
  - alternative – amiloride, triamterene”¹¹,¹²
- **Hypokalemia** when other measures are considered inappropriate or inadequate
  - alternative - amiloride”⁸

**Off-label use:**

- **Acne in adult women”¹⁰,¹³**
  - alternative - cyproterone acetate

**References:**

3. Personal phone communication with Emma, Medisca Representative. 1-800-665-6334. 2011 Mar 29
5. Young WF, Kaplan NM, Rose BD. Treatment of primary aldosteronism. In: UpToDate. Lacroix, A (Ed), UpToDate, Waltham, MA, 2011.
