Michigan Collaborative Standardization of Compounded Oral Liquids

Drug name: Topotecan (alternate)

Concentration: 0.05 mg/mL

Dosage Form: Solution

Route: Oral

Volume: 30 mL

Shelf Life: 7 days

Storage: Refrigerate

Auxiliary Labeling: Refrigerate; Protect from Light; Chemotherapy

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>QS</th>
<th>Quantity</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Topotecan 4 mg Injection</td>
<td></td>
<td>1.5 (1.5) mg (mL)</td>
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<tr>
<td>0.9% NaCl Injection</td>
<td></td>
<td>28.5 mL</td>
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Directions:
1. Use Phaseal to prepare stock vial
2. Dilute topotecan 4 mg injection with 4 mL of sterile water, per package insert, to form a 1 mg/mL concentration
3. Draw up 28.5 mL of normal saline
4. Inject normal saline into an empty sterile 30 mL vial
5. Add topotecan to the sterile vial, mix solution gently
6. Draw up 30 mL from the vial via Phaseal and transfer to 2 ounce amber bottle
7. Add bottle adapter for oral syringe use

Notes:
- Compound in chemotherapy hood only. Avoid skin contact or inhalation. Wear gloves and mask. Handle and dispose of as chemotherapy agent.

References:
- United States Pharmacopeia, USP 36-NF 31, General Chapter <795>, Pharmaceutical Compounding – Non-sterile Preparations.

Reviewed: June 2013; ME/SC

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