### Value Analysis

<table>
<thead>
<tr>
<th>Pain Reliever</th>
<th>Cost/Use $USD</th>
<th>Prep Time</th>
<th>Ease for Nursing</th>
<th>Ease for Pharmacist</th>
<th>Duration after Discontinuation</th>
<th>Pain Effectiveness</th>
<th>Ease of Cannulation†</th>
<th>Tips</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Buzzy®</strong></td>
<td>$0.20/ $2.20 w/dispos. ice wings</td>
<td>1 Minute</td>
<td>***</td>
<td>*****</td>
<td>30 Seconds</td>
<td>4/3</td>
<td>6/5</td>
<td>Introduce to patient before applying; clean reusable wings between patients.</td>
</tr>
<tr>
<td>Buffered Lidocaine w/ Dry</td>
<td>$2.00</td>
<td>1 Minute</td>
<td>**</td>
<td>***</td>
<td>10 Minutes</td>
<td>****</td>
<td>***</td>
<td>Nurses personally prefer to LMX; more waste.</td>
</tr>
<tr>
<td>Cold Spray</td>
<td>$0.50</td>
<td>10 Seconds</td>
<td>****</td>
<td>****</td>
<td>30 Seconds</td>
<td>4</td>
<td>4</td>
<td>Not recommended under age 18y*</td>
</tr>
<tr>
<td>DistrACTION® Cards</td>
<td>$0.01</td>
<td>10 Seconds</td>
<td>*****</td>
<td>*****</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>97% say better phlebotomy experience*</td>
</tr>
<tr>
<td>EMLA®</td>
<td>$6.00</td>
<td>60 Minutes</td>
<td>*</td>
<td>***</td>
<td>2 Hours</td>
<td>*****</td>
<td>**</td>
<td>Vasocostricts until 90 min; improved IV success after 2 hours²</td>
</tr>
<tr>
<td>J-Tip®</td>
<td>$3.90 unit/ $2.5 Pharmacy Filling</td>
<td>1 Minute</td>
<td>***</td>
<td>*</td>
<td>10 Minutes</td>
<td>4/4</td>
<td>***</td>
<td>Warn about loud pop</td>
</tr>
<tr>
<td>L.M.X.4®</td>
<td>$4.00</td>
<td>20 Minutes</td>
<td>*</td>
<td>**</td>
<td>20 Minutes</td>
<td>1</td>
<td>**</td>
<td>Try plastic cling wrap instead of Tegaderm for comfort;³</td>
</tr>
<tr>
<td>Synera®</td>
<td>$15.00</td>
<td>20 Minutes</td>
<td>**</td>
<td>**</td>
<td>90 Minutes</td>
<td>*****</td>
<td>***</td>
<td>Toxic if chewed; hot, best depth (8.11mm)</td>
</tr>
<tr>
<td>Zingo®</td>
<td>$14.00</td>
<td>1 Minute</td>
<td>***</td>
<td>***</td>
<td>10 Minutes</td>
<td>***</td>
<td>**</td>
<td>Most Waste</td>
</tr>
</tbody>
</table>

*Best | ****=intermediate | *****=best | Non-prescription products underlined | †: (Compared to nothing)

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### Value Analysis

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**Save Time, Same Relief**

With Buzzy, reducing needlestick time can save lab time for you. Shorter needlestick times and reduced needlestick time can result in a faster lab turnaround time. In addition, Buzzy can be used to reduce the duration of needlestick procedures. The result is a faster lab turnaround time, which can improve patient satisfaction and reduce patient anxiety.

**Buzzy** is a registered trademark of MMJ Labs LLC.

### Bibliography


9. Inal S, Kelleci M. Distracting children during blood draw: looking through distraction cards is effective in pain relief of children during blood


