

| Pain Reliever | Cost/Use USD\$ | Prep Time | Ease for Nursing | Ease for Pharmacist | Post-Use Duration | Pain Effectiveness | Ease of Cannulation† | Tips |
|--------------------------|--|-----------|------------------|---------------------|-------------------|--------------------------------|----------------------|---|
| Buzzy® | \$0.20/ \$2.20 with disposable wings | 1 min | ★ ★ ★ | ★ ★ ★ ★ ★ | 30 sec | ★ ★ ★ ★ 6,8,10,24,25,26, 27 | ★ ★ ★ ★ ★ 4,2,1 | Introduce to patient before applying; clean reusable wings between patients |
| Buffered Lidocaine c 30g | \$2.00 | 1 min | ★ ★ | ★ ★ ★ | 10 min | ★ ★ ★ ★ ★ | ★ ★ ★ | Nurses personally prefer to LMx; more waste. ¹³ |
| Cold Spray | \$0.50 | 10 sec | ★ ★ ★ ★ | ★ ★ ★ ★ | 30 sec | ★ 4 | ★ | Not recommended under age 18y ⁹ |
| DistrACTION® Cards | \$0.01 | 10 sec | ★ ★ ★ ★ ★ | ★ ★ ★ ★ ★ | N/A | ★ ★ ★ 7,11,16, 27 | N/A | 97% say better phlebotomy experience ¹¹ |
| EMLA® | \$6.00 | 60 min | ★ | ★ ★ ★ | 2 Hours | ★ ★ ★ ★ ★ | ★ ★ | Vasoconstricts until 90 min; improved IV success after 2 hours ³ |
| J-Tip® | \$3.90/ unit \$2-\$5/ pharmacy filling | 1 min | ★ ★ ★ | ★ | 10 min | ★ ★ ★ ★ ★ 1, 2, 14 | ★ ★ ★ | Warn about loud pop |
| LMX4® | \$4.00 | 20 min | ★ | ★ ★ | 20 min | ★ ★ ★ ★ ★ 1 | ★ ★ | Try plastic cling wrap instead of Tegaderm for comfort. ¹³ |
| Synera® | \$15.00 | 20 min | ★ ★ | ★ ★ | 90 min | ★ ★ ★ ★ ★ | ★ ★ ★ ★ ★ | Toxic if chewed; hot; best depth (8.11mm) |
| Zingo® | \$14.00 | 1 min | ★ ★ ★ | ★ ★ ★ | 10 min | ★ ★ ★ | ★ ★ | Most waste |

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