

Arrow EZ-IO Intraosseous Vascular Access System Pain Management

Consider using anesthetic for adult patients responsive to pain:

Review manufacturer's lidocaine instructions for use prior to administration and observe recommended cautions/contraindications to using 2% preservative and epinephrine free lidocaine (intravenous lidocaine)

- 1. Confirm lidocaine dose per institutional protocol
- 2. Prime EZ-Connect extension set with lidocaine
 - Note that the priming volume of the EZ-Connect extension set is approximately 1.0 mL
- 3. Slowly infuse lidocaine (typically 40 mg) IO over 120 seconds
- 4. Allow lidocaine to dwell in IO space 60 seconds
- 5. Flush with 5-10 mL of normal saline
- 6. Slowly administer an additional dose of lidocaine IO (typically 20 mg) over 60 seconds
 - Repeat PRN

Consider systemic pain control for patients not responding to IO lidocaine

Consider using anesthetic for infant/child responsive to pain:

Review manufacturer's lidocaine instructions for use prior to administration and observe recommended cautions/contraindications to using 2% preservative and epinephrine free lidocaine (intravenous lidocaine)

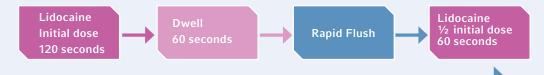
- 1. Confirm lidocaine dose per institutional protocol
 - Typical initial dose is 0.5 mg/kg, not to exceed 40 mg
- 2. Prime EZ-Connect extension set with lidocaine
 - Note that the priming volume of the EZ-Connect extension set is approximately 1.0 mL
 - For small doses of lidocaine, consider administering by carefully attaching syringe directly to needle hub (prime EZ-Connect extension set with normal saline)
- 3. Slowly infuse lidocaine IO over 120 seconds
- 4. Allow lidocaine to dwell in IO space 60 seconds
- 5. Flush with 2-5 mL of normal saline
- 6. Slowly administer subsequent lidocaine (half the initial dose) 10 over 60 seconds
 - Repeat PRN

Consider systemic pain control for patients not responding to IO lidocaine

(Cont'd on page 2)



2% preservative- and epinephrine-free lidocaine Adult: Typically 40mg Infant/Child: Typically 0.5mg/kg (NOT to exceed 40 mg)



≥ 4 minutes total time

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