**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)

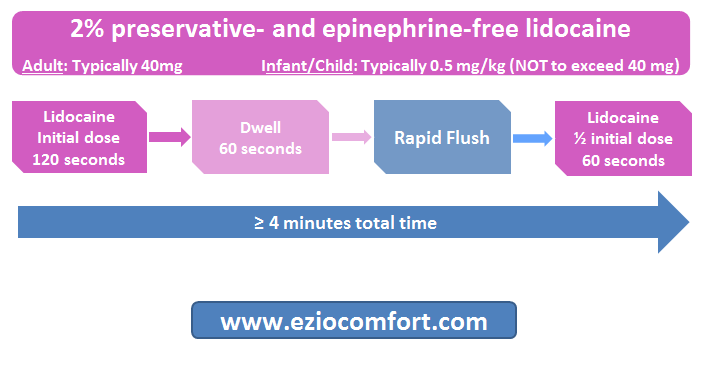
1. Confirm lidocaine dose per institutional protocol

Typical initial dose is 0.5 mg/kg, not to exceed 40 mg

1. 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).*
2. Slowly infuse lidocaine IO over 120 seconds
3. Allow lidocaine to dwell in IO space 60 seconds
4. Flush with 2-5 mL of normal saline
5. Slowly administer subsequent lidocaine (half the initial dose) IO over 60 seconds
   * *Repeat PRN*

Consider systemic pain control for patients not responding to IO lidocaine

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The use of any medication, including lidocaine, given IV or IO is the responsibility of the treating physician, medical director or qualified prescriber and not an official recommendation of Teleflex Incorporated and its subsidiaries. Teleflex is not the manufacturer of lidocaine, and the user should be familiar with the manufacturer’s instructions or directions for use for all indications, side-effects, contraindications, precautions and warnings of lidocaine.  Teleflex disclaims all liability for the use, application or interpretation of the use of this information in the medical treatment of any patient. *For additional information, please visit* [www.eziocomfort.com](http://www.eziocomfort.com/)

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