**NL EMMC ALPROSTADIL (Prostaglandin E1) DOSING FOR NEWBORNS**

**ALPROSTADIL 500 mcg/mL VIAL**

**FINAL DRIP CONCENTRATION 20 mcg/mL**



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| **Medication** | **Final Concentration** | **Mixing Instructions** |
| **Alprostadil**  **500 mcg/mL vial** | **20 mcg/mL** | **Less than 2 kg:** Alprostadil 60 mcg=0.12 mL + 0.45% NaCl 2.88 mL  **2 kg and greater:** Alprostadil 500 mcg=1 mL + 0.45% NaCl 24 mL |

* Usual initial rate: 0.05 mcg/kg/min
* Usual dose range 0.01-0.4 mcg/kg/min

**NL EMMC NICU**

**207-275-1082**