

3-5 kilograms (6-12 pounds) / 0-2 Months (Gray)

## CARDIAC RESUSCITATION

**Normal Vitals:** HR: 100-180, RR: 30-60, Systolic BP: 60-100 mmHg, BG > 40 mg/dl

| <b>Resuscitation Medication - (confirm concentration is as specified)</b>  | <b>Dose</b>                | <b>Volume</b>             |
|--|----------------------------|---------------------------|
| Epinephrine 1:10,000 (1 mg/10 mL prefilled syringe) IV/IO Q 3-5 min for arrest/bradycardia <sup>1</sup>                | 0.05 mg                    | <b>0.5 mL</b>             |
| Amiodarone (150 mg/3 mL) IV/IO for shock resistant V-Fib   | 25 mg                      | <b>0.5 mL</b>             |
| *Lidocaine (100 mg/5 mL) IV/IO for wide-complex tachycardia  | 5 mg                       | <b>0.25 mL</b>            |
| Atropine (1 mg/10 mL) IV/IO for bradycardia unresponsive to Epinephrine <sup>1</sup>                                   | 0.1 mg                     | <b>1 mL</b>               |
| *Adenosine (6 mg/2 mL) IV/IO <b>1st Dose. Dilute with 4 mL Normal Saline to produce 1 mg/mL. For SVT (HR &gt; 220)</b> | 0.5 mg                     | <b>0.5 mL (Diluted)</b>   |
| *Adenosine (6 mg/2 mL) IV/IO <b>2nd Dose. Dilute with 4 mL Normal Saline to produce 1 mg/mL. For SVT (HR &gt; 220)</b> | 1 mg                       | <b>1 mL (Diluted)</b>     |
| <b>Electrical Therapy</b>  | <b>Initial<sup>2</sup></b> | <b>Repeat<sup>2</sup></b> |
| Defibrillation (pediatric pads preferred) Adult pads may be used anterior/posterior.                                   | <b>10 J</b>                | <b>20 J</b>               |
| *Synchronized Cardioversion <sup>2</sup> for unstable tachycardia  | <b>5 J</b>                 | <b>10 J</b>               |
| <b>Equipment</b>   |                            |                           |
| OPA: <b>50 mm</b> NPA: <b>14 F</b> BVM: <b>Infant</b> Laryngoscope: <b>0-1 (straight)</b>                              |                            |                           |
| ET Tube: <b>2.5 (cuffed)</b> ET Depth: <b>9-10 cm</b> <i>No ETI unless unable to ventilate</i>                         |                            |                           |
| <b>Fluid Bolus</b>   |                            |                           |
| Normal Saline <b>100 mL IV/IO - May repeat x 1 PRN</b>   |                            |                           |
| Shock after IVFs-Epinephrine IV/IO (1 mg/10 mL) <b>Dilute 1 mL with 9 mL Normal Saline = 10 mcg/1 mL</b>               | 5 mcg                      | <b>0.5 mL (Diluted)</b>   |
| <b>*CONTACT MEDICAL CONTROL</b>  |                            |                           |
| <sup>1</sup> CPR if HR < 60 after O <sub>2</sub>   |                            |                           |
| <sup>2</sup> May adjust to closest available energy setting  |                            |                           |

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**CONDITIONS/MEDICATIONS**

**Normal Vitals:** HR: 100-180, RR: 30-60, Systolic BP: 60-100 mmHg, Blood Glucose > 40 mg/dl.

**Special Precautions:** Be sure to keep the baby warm.

**Development:** Flexed position when prone. Inhibited grasp reflex

| Condition                   | Medication - (confirm concentration is as specified)  | Dose    | Volume           |
|-----------------------------|---|---------|------------------|
| Bronchospasm<br>Anaphylaxis | Albuterol Nebulized (2.5 mg/3 mL)   | 2.5 mg  | 3 mL             |
|                             | Ipratropium Bromide Nebulized (0.5 mg/2.5 mL if wheezing)   | 0.25 mg | 1.25 mL          |
|                             | Diphenhydramine IM/IV/IO (50 mg/mL) Diluted with 4mL Normal Saline = 10 mg/mL (Anaphylaxis only)  | 5 mg    | 0.5 mL (Diluted) |
|                             | Epinephrine 1:1000 IM (1 mg/mL) <u>or</u> 1 EpiPen Jr. IM (Severe symptoms only)  | 0.05 mg | 0.05 mL IM       |
|                             | Solu-Medrol IV/IO (125 mg/2 mL) Diluted with 3mL Normal Saline = 25 mg/mL   | 12.5 mg | 0.5 mL (Diluted) |
| Seizure                     | Midazolam IM (5 mg/mL) Give first if no IV  | 0.5 mg  | 0.1 mL IM        |
|                             | Midazolam IV (5 mg/mL) Diluted with 4 mL Normal Saline = 1 mg/mL  | 0.3 mg  | 0.3 mL (Diluted) |
| Fever                       | Acetaminophen PO (160 mg/5 mL)  | 40 mg   | 1.25 mL PO       |
| Hypoglycemia<br>(<40 mg/dL) | D12.5% (6.25 g/50 mL) <u>12.5 mL of D50% diluted with 37.5 mL Normal Saline = D12.5%</u> Give slow IV   | 2.5 g   | 20 mL (D12.5%)   |
|                             | Glucagon IM (1 mg/mL)   | 0.5 mg  | 0.5 mL IM        |
| Pain Control                | Fentanyl IV (100 mcg/2 mL) Diluted with 8 mL Normal Saline = 10 mcg/mL  | 5 mcg   | 0.5 mL (Diluted) |
|                             | Fentanyl IN (100 mcg/2 mL) Divide dose equally between both nostrils  | 5 mcg   | 0.1 mL IN        |
| Narcotic OD                 | Naloxone IV/IM (2 mg/2 mL)  | 0.5 mg  | 0.5 mL           |
|                             | Naloxone IN (2 mg/ 2 mL) Divide dose equally between both nostrils  | 0.5 mg  | 0.5 mL IN        |
| Fluid Bolus                 | Normal Saline 100 mL IV/IO - May repeat x 1 PRN   | N/A     | 100 mL           |
| Equipment                   | OPA: 50 mm NPA: 14 F BVM: Infant Laryngoscope: 0-1 (straight)<br>ET Tube: 2.5 (cuffed) ET Depth: 9-10 cm <u>No</u> ETI unless unable to ventilate |         |                  |

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