<table>
<thead>
<tr>
<th>Normal Vital Signs</th>
<th>ACLS Drugs--Initial Dose</th>
<th>Medication</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heart Rate</td>
<td>100-160</td>
<td>Adenosine</td>
</tr>
<tr>
<td>Respirations</td>
<td>30-60</td>
<td>Calcium Chloride</td>
</tr>
<tr>
<td>B/P Systolic</td>
<td>&gt;60</td>
<td>Epinephrine 1:10,000</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Amiodarone</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sodium Bicarbonate</td>
</tr>
</tbody>
</table>

**Defibrillation**

- **3 Kg**
  - Cardioversion: 3 Joules
  - Defibrillation: 6 Joules

- **4 Kg**
  - Cardioversion: 4 Joules
  - Defibrillation: 8 Joules

- **5 Kg**
  - Cardioversion: 5 Joules
  - Defibrillation: 10 Joules

**Dopamine (400mg/5mL)**

Add 18mg (0.2mL) to a 100mL bag of NS. Start at 10mcgtt/minute. Titrate to signs of adequate perfusion or maximum of 20mcgtt/minute.

**Diphenhydramine*** 4mg | Glucagon IM 1mg | Naloxone IV/IM/IN 0.3mg | Normal Saline IV Bolus 60mL

* IV or IM

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EMS Agency: July 1, 2009
### Weight 6-7 Kg (Avg 6.5 Kg)

<table>
<thead>
<tr>
<th>Normal Vital Signs</th>
<th>ACLS Drugs--Initial Dose</th>
<th>Medication</th>
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</thead>
<tbody>
<tr>
<td>Heart Rate</td>
<td>100-160</td>
<td></td>
</tr>
<tr>
<td>Respirations</td>
<td>30-60</td>
<td></td>
</tr>
<tr>
<td>B/P Systolic</td>
<td>&gt;70</td>
<td></td>
</tr>
<tr>
<td>Defibrillation</td>
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<tr>
<td>Cardioversion</td>
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<tr>
<td></td>
<td>14 Joules</td>
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<tr>
<td></td>
<td>14 Joules</td>
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<td>13 Joules</td>
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<td>26 Joules</td>
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</tr>
<tr>
<td>Adenosine</td>
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<tr>
<td>Calcium Chloride</td>
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<tr>
<td>Epinephrine 1:10,000</td>
<td>0.065mg</td>
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<td>Amiodarone</td>
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<td>Dopamine (400mg/5mL)</td>
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<td>Defibrillation</td>
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</tr>
<tr>
<td>Cardioversion</td>
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<tr>
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<td>17 Joules</td>
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<td>17 Joules</td>
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<tr>
<td>Defibrillation</td>
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</tr>
<tr>
<td></td>
<td>34 Joules</td>
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<tr>
<td></td>
<td>34 Joules</td>
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</tr>
<tr>
<td>Adenosine</td>
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</tr>
<tr>
<td>Calcium Chloride</td>
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</tr>
<tr>
<td>Epinephrine 1:10,000</td>
<td>0.085mg</td>
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</tr>
<tr>
<td>Amiodarone</td>
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<tr>
<td>Sodium Bicarbonate</td>
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<tr>
<td>Dopamine (400mg/5mL)</td>
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<tr>
<td>Defibrillation</td>
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<tr>
<td>Cardioversion</td>
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<td>17 Joules</td>
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<td>17 Joules</td>
<td></td>
</tr>
<tr>
<td></td>
<td>34 Joules</td>
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<tr>
<td></td>
<td>34 Joules</td>
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</tr>
<tr>
<td>Adenosine</td>
<td>0.85mg</td>
<td></td>
</tr>
<tr>
<td>Calcium Chloride</td>
<td>170mg</td>
<td></td>
</tr>
<tr>
<td>Epinephrine 1:1,000</td>
<td>0.085mg</td>
<td></td>
</tr>
<tr>
<td>Glucagon IM</td>
<td>1mg</td>
<td></td>
</tr>
<tr>
<td>Morphine Sulfate*</td>
<td>0.8mg</td>
<td></td>
</tr>
<tr>
<td>Naloxone IV/IM/IN</td>
<td>0.6mg</td>
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</tr>
<tr>
<td>NS IV Bolus</td>
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* IV or IM

### Weight 8-9 Kg (Avg 8.5 Kg)

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<th>Normal Vital Signs</th>
<th>ACLS Drugs--Initial Dose</th>
<th>Medication</th>
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<tr>
<td>Heart Rate</td>
<td>100-160</td>
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<tr>
<td>Respirations</td>
<td>30-60</td>
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<tr>
<td>B/P Systolic</td>
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<td>Defibrillation</td>
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<tr>
<td>Cardioversion</td>
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<tr>
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<td>17 Joules</td>
<td></td>
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<td></td>
<td>17 Joules</td>
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<td>Defibrillation</td>
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<td></td>
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<tr>
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<td>34 Joules</td>
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</tr>
<tr>
<td></td>
<td>34 Joules</td>
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</tr>
<tr>
<td>Adenosine</td>
<td>0.85mg</td>
<td></td>
</tr>
<tr>
<td>Calcium Chloride</td>
<td>170mg</td>
<td></td>
</tr>
<tr>
<td>Epinephrine 1:10,000</td>
<td>0.085mg</td>
<td></td>
</tr>
<tr>
<td>Amiodarone</td>
<td>42mg</td>
<td></td>
</tr>
<tr>
<td>Sodium Bicarbonate</td>
<td>8mEq</td>
<td></td>
</tr>
<tr>
<td>Dopamine (400mg/5mL)</td>
<td></td>
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<tr>
<td>Defibrillation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cardioversion</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>17 Joules</td>
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</tr>
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<td>17 Joules</td>
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<tr>
<td>Defibrillation</td>
<td>17 Joules</td>
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<td></td>
<td>34 Joules</td>
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<td>34 Joules</td>
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</tr>
<tr>
<td>Adenosine</td>
<td>0.85mg</td>
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<tr>
<td>Calcium Chloride</td>
<td>170mg</td>
<td></td>
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<tr>
<td>Epinephrine 1:1,000</td>
<td>0.085mg</td>
<td></td>
</tr>
<tr>
<td>Glucagon IM</td>
<td>1mg</td>
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</tr>
<tr>
<td>Morphine Sulfate*</td>
<td>0.8mg</td>
<td></td>
</tr>
<tr>
<td>Naloxone IV/IM/IN</td>
<td>0.6mg</td>
<td></td>
</tr>
<tr>
<td>NS IV Bolus</td>
<td>170mL</td>
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</tr>
</tbody>
</table>

* IV or IM

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EMS Agency: July 1, 2009
### Color Code Drug Doses

#### L.A. County Kids

#### Weight 10-11 Kg (Avg 10.5 Kg)

<table>
<thead>
<tr>
<th>Normal Vital Signs</th>
<th>ACLS Drugs--Initial Dose</th>
<th>Medication</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heart Rate</td>
<td>Adenosine 1mg</td>
<td>Albuterol HHN 5mg</td>
</tr>
<tr>
<td>Respirations</td>
<td>Calcium Chloride 210mg</td>
<td>Atropine IV 0.21mg</td>
</tr>
<tr>
<td>B/P Systolic</td>
<td>Epinephrine 0.1mg</td>
<td>Dextrose 25% slow IV 20mL</td>
</tr>
<tr>
<td></td>
<td>Amiodarone 52mg</td>
<td>Midazolam IV/IM/IN 1mg</td>
</tr>
<tr>
<td></td>
<td>Sodium Bicarbonate 10.5mEq</td>
<td>Diphenhydramine * 10mg</td>
</tr>
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</table>

#### Defibrillation

<table>
<thead>
<tr>
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<tr>
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<tr>
<td>20 Joules</td>
<td>20 Joules</td>
</tr>
<tr>
<td>Defibrillation</td>
<td>20 Joules</td>
</tr>
<tr>
<td>40 Joules</td>
<td>40 Joules</td>
</tr>
</tbody>
</table>

#### Dopamine (400mg/5mL)

Add 60mg (0.8mL) to a 100mL bag of NS. Start at 10mcgtt/minute. Titrate to signs of adequate perfusion or maximum of 20mcgtt/minute.

---

#### Weight 12-14 Kg (Avg 13 Kg)

<table>
<thead>
<tr>
<th>Normal Vital Signs</th>
<th>ACLS Drugs--Initial Dose</th>
<th>Medication</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heart Rate</td>
<td>Adenosine 1.3mg</td>
<td>Albuterol HHN 5mg</td>
</tr>
<tr>
<td>Respirations</td>
<td>Calcium Chloride 260mg</td>
<td>Atropine IV 0.26mg</td>
</tr>
<tr>
<td>B/P Systolic</td>
<td>Epinephrine 0.13mg</td>
<td>Dextrose 25% slow IV** 25mL</td>
</tr>
<tr>
<td></td>
<td>Amiodarone 65mg</td>
<td>Dextrose 50% slow IV** 13mL</td>
</tr>
<tr>
<td></td>
<td>Sodium Bicarbonate 13mEq</td>
<td>Midazolam IV/IM/IN 1.3mg</td>
</tr>
</tbody>
</table>

#### Defibrillation

<table>
<thead>
<tr>
<th>Cardioversion</th>
<th>13 Joules</th>
</tr>
</thead>
<tbody>
<tr>
<td>26 Joules</td>
<td>26 Joules</td>
</tr>
<tr>
<td>26 Joules</td>
<td>26 Joules</td>
</tr>
<tr>
<td>Defibrillation</td>
<td>26 Joules</td>
</tr>
<tr>
<td>52 Joules</td>
<td>52 Joules</td>
</tr>
<tr>
<td>52 Joules</td>
<td>52 Joules</td>
</tr>
</tbody>
</table>

#### Dopamine (400mg/5mL)

Add 80mg (1mL) to a 100mL bag of NS. Start at 10mcgtt/minute. Titrate to signs of adequate perfusion or maximum of 20mcgtt/minute.

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EMS Agency: July 1, 2009
### Weight 15-18 Kg (Avg 16.5 Kg)

<table>
<thead>
<tr>
<th>Normal Vital Signs</th>
<th>ACLS Drugs--Initial Dose</th>
<th>Medication</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heart Rate</td>
<td>Adenosine 1.7mg</td>
<td>Albuterol HHN 5mg</td>
</tr>
<tr>
<td>Respiration</td>
<td>Calcium Chloride 330mg</td>
<td>Atropine IV 0.33mg</td>
</tr>
<tr>
<td>B/P Systolic</td>
<td>Epinephrine 1:10,000 0.17mg</td>
<td>Dextrose 50% slow IV 16mL</td>
</tr>
<tr>
<td></td>
<td>Amiodarone 80mg</td>
<td>Midazolam IV/IM/IN 1.6mg</td>
</tr>
<tr>
<td></td>
<td>Sodium Bicarbonate 16.5mEq</td>
<td>Diphenhydramine * 15mg</td>
</tr>
</tbody>
</table>

**Defibrillation**

- Cardioversion 17 Joules
  - 33 Joules
  - 33 Joules

- Defibrillation 33 Joules
  - 66 Joules
  - 66 Joules

**Dopamine (400mg/5mL)**

Add 100mg (1.2mL) to a 100mL bag of NS. Start at 10mcgtt/minute. Titrate to signs of adequate perfusion or maximum of 20mcgtt/minute.

### Weight 19-22 Kg (Avg 20.75)

<table>
<thead>
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<th>Normal Vital Signs</th>
<th>ACLS Drugs--Initial Dose</th>
<th>Medication</th>
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</thead>
<tbody>
<tr>
<td>Heart Rate</td>
<td>Adenosine 2mg</td>
<td>Albuterol HHN 5mg</td>
</tr>
<tr>
<td>Respiration</td>
<td>Calcium Chloride 420mg</td>
<td>Atropine IV 0.42mg</td>
</tr>
<tr>
<td>B/P Systolic</td>
<td>Epinephrine 1:10,000 0.2mg</td>
<td>Dextrose 50% slow IV 20mL</td>
</tr>
<tr>
<td></td>
<td>Amiodarone 105mg</td>
<td>Midazolam IV/IM/IN 2mg</td>
</tr>
<tr>
<td></td>
<td>Sodium Bicarbonate 20mEq</td>
<td>Diphenhydramine * 20mg</td>
</tr>
</tbody>
</table>

**Defibrillation**

- Cardioversion 20 Joules
  - 40 Joules
  - 40 Joules

- Defibrillation 40 Joules
  - 80 Joules
  - 80 Joules

**Dopamine (400mg/5mL)**

Add 125mg (1.6mL) to a 100mL bag of NS. Start at 10mcgtt/minute. Titrate to signs of adequate perfusion or maximum of 20mcgtt/minute.

* IV or IM
### Weight 24-28 Kg (Avg 26 Kg)

<table>
<thead>
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<th>Normal Vital Signs</th>
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<tr>
<td>Heart Rate 70-120</td>
<td>Adenosine 2.6mg</td>
<td>Albuterol HHN 5mg</td>
</tr>
<tr>
<td>Respirations 18-30</td>
<td>Calcium Chloride 530mg</td>
<td>Atropine IV 0.5mg</td>
</tr>
<tr>
<td>B/P Systolic &gt;80</td>
<td>Epinephrine 1:10,000 0.26mg</td>
<td>Dextrose 50% slow IV 25mL</td>
</tr>
<tr>
<td></td>
<td>Amiodarone 130mg</td>
<td>Midazolam IV/IM/IN 2.5mg</td>
</tr>
<tr>
<td></td>
<td>Sodium Bicarbonate 26mEq</td>
<td>Diphenhydramine* 25mg</td>
</tr>
</tbody>
</table>

**Defibrillation**

<p>| | | |</p>
<table>
<thead>
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</thead>
<tbody>
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<td>53 Joules</td>
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<tr>
<td>Defibrillation</td>
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<tr>
<td></td>
<td>104 Joules</td>
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</tbody>
</table>

**Dopamine (400mg/5mL)**

Add 160mg (2mL) to a 100mL bag of NS. Start at 10mcgtt/minute. Titrate to signs of adequate perfusion or maximum of 20mcgtt/minute.

---

### Weight 30-36 Kg (Avg 33 Kg)

<table>
<thead>
<tr>
<th>Normal Vital Signs</th>
<th>ACLS Drugs--Initial Dose</th>
<th>Medication</th>
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</thead>
<tbody>
<tr>
<td>Heart Rate 60-100</td>
<td>Adenosine 3.3mg</td>
<td>Albuterol HHN 5mg</td>
</tr>
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<td>Respirations 12-16</td>
<td>Calcium Chloride 660mg</td>
<td>Atropine IV 0.5mg</td>
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<tr>
<td>B/P Systolic &gt;90</td>
<td>Epinephrine 1:10,000 0.33mg</td>
<td>Dextrose 50% slow IV 30mL</td>
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<tr>
<td></td>
<td>Amiodarone 165mg</td>
<td>Midazolam IV/IM/IN 3 mg</td>
</tr>
<tr>
<td></td>
<td>Sodium Bicarbonate 33mEq</td>
<td>Diphenhydramine* 25mg</td>
</tr>
</tbody>
</table>

**Defibrillation**

<p>| | | |</p>
<table>
<thead>
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<th></th>
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</thead>
<tbody>
<tr>
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</tr>
<tr>
<td></td>
<td>66 Joules</td>
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</tr>
<tr>
<td>Defibrillation</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>132 Joules</td>
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</tr>
</tbody>
</table>

**Dopamine (400mg/5mL)**

Add 200mg (2.5mL) to a 100mL bag of NS. Start at 10mcgtt/minute. Titrate to signs of adequate perfusion or maximum of 20mcgtt/minute.

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**EMS Agency:** July 1, 2009