



| Apgar Score         |              |                           |                         |                    |        |         |         |         |    |
|---------------------|--------------|---------------------------|-------------------------|--------------------|--------|---------|---------|---------|----|
| Sign                | 0            | 1                         | 2                       | 1 min.             | 5 min. | 10 min. | 15 min. | 20 min. |    |
| Color               | Blue or Pale | Acrocyanotic              | Completely Pink         |                    |        |         |         |         |    |
| Heart Rate          | Absent       | <100 minute               | >100 minute             |                    |        |         |         |         |    |
| Reflex irritability | No Response  | Grimace                   | Cry or Active Withdrawl |                    |        |         |         |         |    |
| Muscle Tone         | Limp         | Some Flexion              | Active Motion           |                    |        |         |         |         |    |
| Respiration         | Absent       | Weak Cry; Hypoventilation | Good, crying            |                    |        |         |         |         |    |
| Total               |              |                           |                         |                    |        |         |         |         |    |
| Comments:           |              |                           |                         | RESUSCITATION      |        |         |         |         |    |
|                     |              |                           |                         | Minutes            | 1      | 5       | 10      | 15      | 20 |
|                     |              |                           |                         | Oxygen             |        |         |         |         |    |
|                     |              |                           |                         | PPV/NCPAP          |        |         |         |         |    |
|                     |              |                           |                         | ETT                |        |         |         |         |    |
|                     |              |                           |                         | Chest Compressions |        |         |         |         |    |
|                     |              |                           |                         | Epinephrine        |        |         |         |         |    |
|                     |              |                           |                         |                    |        |         |         |         |    |

### Things to Prepare for the Transport Team

**Copies of:**

**Maternal**

Prenatal Records  
Labor and Delivery Record  
Blood Sample if available

**Newborn**

|                         |                |
|-------------------------|----------------|
| Patient Record          | Labwork        |
| Physician Orders        | Blood Cultures |
| Physician Summary/Notes | Cord Blood     |
| Nursing Notes           | X-Rays         |

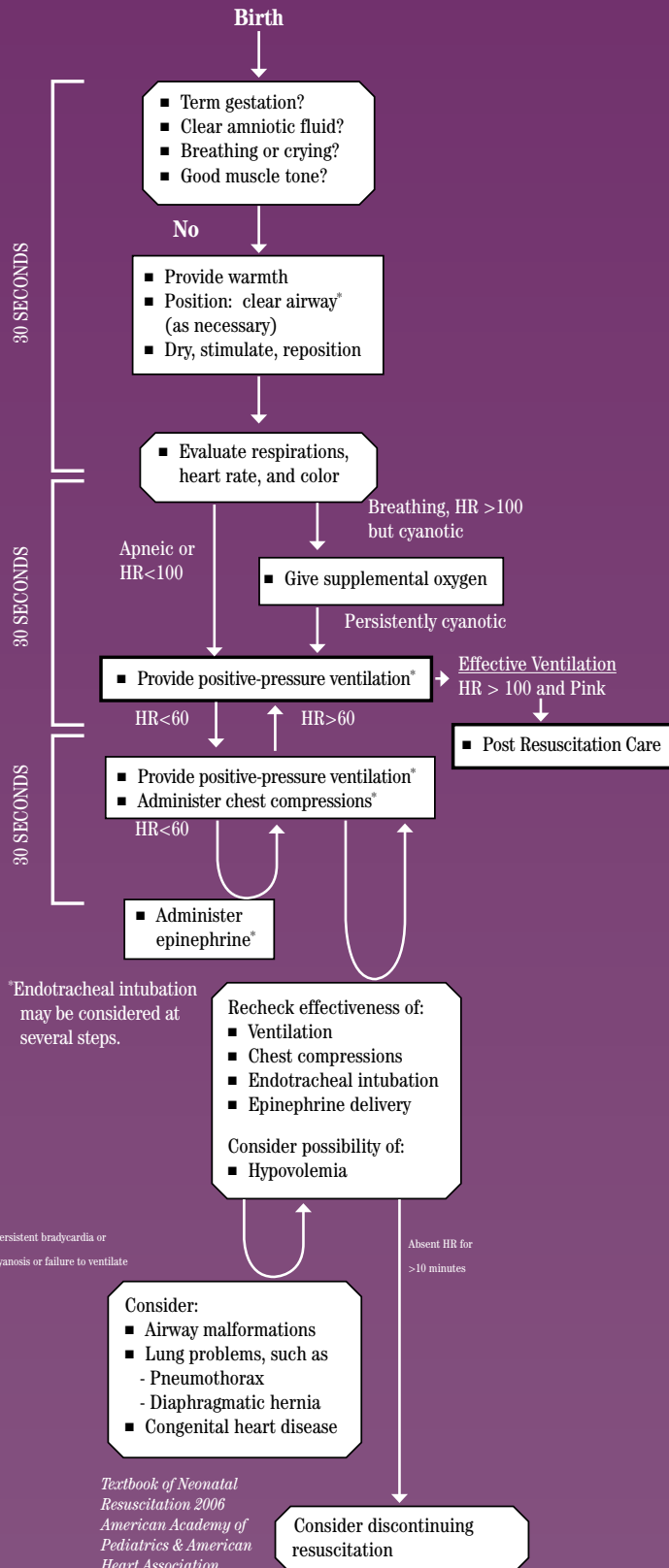
## 24-Hour NICU Consultation and Transport

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| Medications  |  |   |  |  |
|--|--|---|--|--|
| Medication   | Concentration  | Dosage/Route  | Total Dose   | Rate   |
| Epinephrine<br><br>Caution:<br>2 Routes<br>2 Dosages | 1:10,000   | 0.3-1 ml/kg<br>ET   | 1 kg = 0.3 ml-1 ml<br>2 kg = 0.6 ml-2 ml<br>3 kg = 0.9 ml-3 ml<br>4 kg = 1.2 ml-4 ml         | Rapidly<br>Followed with<br>positive pressure breaths        |
|  |  | 0.1-0.3 ml/kg<br>IV   | 1 kg = 0.1 ml-0.3 ml<br>2 kg = 0.2 ml-0.6 ml<br>3 kg = 0.3 ml-0.9 ml<br>4 kg = 0.4 ml-1.2 ml | Rapidly<br>Flush with 0.5-1ml NS<br>Repeat every 3-5 minutes |
| Volume Expanders                                     | Normal Saline<br>Ringers Lactate<br>O negative blood                     | 10 ml/kg<br>IV only<br>Umbilical Vein                                 | 1 kg = 10 ml<br>2 kg = 20 ml<br>3 kg = 30 ml<br>4 kg = 40 ml                                 | Slowly over 5-10 minutes                                     |
| Naloxone<br>Verify your<br>concentration             | If concentration is:<br>1 mg/ml<br><br>If concentration is:<br>0.4 mg/ml | 0.1 ml/kg<br>IV route preferred<br>IM                                 | 1 kg = 0.1 ml<br>2 kg = 0.2 ml<br>3 kg = 0.3 ml<br>4 kg = 0.4 ml                             | Rapidly  |
|  |  | 0.25 ml/kg<br>IV route preferred<br>IM                                | 1 kg = 0.25 ml<br>2 kg = 0.5 ml<br>3 kg = 0.75 ml<br>4 kg = 1 ml                             | Rapidly  |
| Sodium Bicarbonate                                   | 0.5 mEq/ml<br>4.2% solution  | 2 mEq/kg = 4 ml/kg<br>IV only<br>Large vein with<br>good blood return | 1 kg = 4 ml<br>2 kg = 8 ml<br>3 kg = 12 ml<br>4 kg = 16 ml                                   | No faster than<br>1 mEq/kg/minute                            |
| Glucose  | D10W   | 200 mg/kg = 2 ml/kg<br>IV only  | 1 kg = 2 ml<br>2 kg = 4 ml<br>3 kg = 6 ml<br>4 kg = 8 ml                                     | Slowly over 1-2<br>minutes                                   |
| Phenobarbital  | Seizures   | 20 mg/kg<br>IV  |  | Slowly over 10 to 15 minutes                                 |
| Dopamine   | Hypotension  | 2-20 mcg/kg/min<br>IV<br><br>Drip Calculation:<br>Consult Pharmacist  | Consult Pharmacist   | Continuous via IV pump                                       |



### Newborn Resuscitation



### Endotracheal Intubation

| Gestational Age (weeks) | Weight (kg) | ET Tube Size (mm) | Depth of Insertion cm from upper lip |
|-------------------------|-------------|-------------------|--------------------------------------|
| <28                     | <1 kg       | 2.5               | 1 kg + 6 = 7 cm                      |
| 28-34                   | 1-2 kg      | 3.0               | 2 kg + 6 = 8 cm                      |
| 34-38                   | 2-3 kg      | 3.5               | 3 kg + 6 = 9 cm                      |
| >38                     | >3 kg       | 3.5-4.0           | 4 kg + 6 = 10 cm                     |

### Weight Conversion Chart

| Ounces | Pounds |     |      |      |      |      |      |      |      |      |      |
|--------|--------|-----|------|------|------|------|------|------|------|------|------|
|        | 0      | 1   | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   |
| 0      | 0      | 454 | 907  | 1361 | 1814 | 2268 | 2722 | 3175 | 3629 | 4082 | 4536 |
| 1      | 28     | 482 | 936  | 1389 | 1843 | 2296 | 2750 | 3203 | 3657 | 4111 | 4564 |
| 2      | 57     | 510 | 964  | 1417 | 1871 | 2325 | 2778 | 3232 | 3685 | 4139 | 4593 |
| 3      | 85     | 539 | 992  | 1446 | 1899 | 2353 | 2807 | 3260 | 3714 | 4167 | 4621 |
| 4      | 113    | 567 | 1021 | 1474 | 1928 | 2381 | 2835 | 3289 | 3742 | 4196 | 4649 |
| 5      | 142    | 595 | 1049 | 1503 | 1956 | 2410 | 2863 | 3317 | 3770 | 4224 | 4678 |
| 6      | 170    | 624 | 1077 | 1531 | 1984 | 2438 | 2892 | 3345 | 3799 | 4252 | 4706 |
| 7      | 198    | 652 | 1106 | 1559 | 2013 | 2466 | 2920 | 3374 | 3827 | 4281 | 4734 |
| 8      | 227    | 680 | 1134 | 1588 | 2041 | 2495 | 2948 | 3402 | 3856 | 4309 | 4763 |
| 9      | 255    | 709 | 1162 | 1616 | 2070 | 2523 | 2977 | 3430 | 3884 | 4337 | 4791 |
| 10     | 283    | 737 | 1191 | 1644 | 2098 | 2551 | 3005 | 3459 | 3912 | 4366 | 4819 |
| 11     | 312    | 765 | 1219 | 1673 | 2126 | 2580 | 3033 | 3487 | 3941 | 4394 | 4848 |
| 12     | 340    | 794 | 1247 | 1701 | 2155 | 2608 | 3062 | 3515 | 3969 | 4423 | 4876 |
| 13     | 369    | 822 | 1276 | 1729 | 2183 | 2637 | 3090 | 3544 | 3997 | 4451 | 4904 |
| 14     | 397    | 850 | 1304 | 1758 | 2211 | 2665 | 3118 | 3572 | 4026 | 4479 | 4933 |
| 15     | 425    | 879 | 1332 | 1786 | 2240 | 2693 | 3147 | 3600 | 4054 | 4508 | 4961 |

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