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Wolters Kluwer

## Neonatal resuscitation supplies and equipment

### Warming and transport equipment

- Preheated warmer
- Warm blankets
- Hat
- Plastic bag or wrap (for preterm infants <32 weeks gestation)
- Transport incubator

### Suction equipment

- Bulb suction
- Mechanical suction with 10 or 12 French suction catheters and 80 to 100 mmHg wall suction
- Manual suction with 8 French feeding tube and 20 cc syringe
- Meconium aspirator

### Monitoring equipment

- Stethoscope for auscultation of the heart and lungs
- Cardiac monitor
- Pulse oximeter monitor with sensor

### Oxygenation supplementation and ventilation

- Source for free-flowing oxygen (tanks or wall supply of oxygen and air)
- Oxygen blender (set to 21 to 30% oxygen concentration for neonates <35 weeks gestation; all others 21% oxygen concentration)
- Face masks with appropriate sizing for term and preterm infant
- Positive-pressure device (T-piece resuscitator, flow-inflating bag, or self-inflating bag)
- Oropharyngeal airway

### Intubation equipment

- Laryngoscope blades (size 0 and 1), handle, and stylet
- Endotracheal tubes (size 2.5, 3, and 3.5)
- End-tidal carbon dioxide (CO<sub>2</sub>) detector
- Endotracheal tube securing device or tape

- Laryngeal mask airway

## Vascular access and equipment to administer

- Umbilical venous catheterization tray and supplies
- Peripheral intravenous catheters with securing supplies
- Needles
- Syringes

## Medications

- Intravenous epinephrine 1 mg/10 mL vial (0.1 mg/mL)
- Normal saline
- 10% dextrose
- Naloxone hydrochloride (0.4 mg/mL)

*Adapted from:*

1. Sawyer T, Lee HC, Aziz K. *Anticipation and preparation for every delivery room resuscitation. Seminars in Fetal and Neonatal Medicine* 2018; 23:312.
2. *Preparing for resuscitation. In: Textbook of Neonatal Resuscitation, 7th ed, Weiner GM (Ed), American Academy of Pediatrics* 2016.

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