Clinical Triggers
for Neonatal Organ Donation Referral

800-252-2672

Notify Carolina Donor Services (CDS) when any neonate of 32 weeks gestation and >500 grams meets any of the following clinical triggers:

1. Ventilator dependence and absence of 3 or more brainstem reflexes
   a. Cough
   b. Gag
   c. Corneal
   d. Suck or rooting
   e. Apnea

2. Mechanically ventilated neonate that meets criteria for hypothermia therapy or neonatal encephalopathy

3. Mechanically ventilated neonate that has Grade 4 intraventricular hemorrhage (IVH) or potential for poor neurological outcome

Contact Carolina Donor Services at 800-252-2672
• Anytime a staff member would like to inquire about the appropriateness of organ donation
• Anytime the family initiates discussion about donation

CDS will arrive onsite and determine options for organ donation. CDS will collaborate with the critical care team to determine the best option about approaching the family about organ donation. Please do not mention organ donation to the family.
Neonatal Donor Management Guidelines

**Hemodynamic Support**
- Normalization of blood pressure
- Systolic blood pressure appropriate for age
  
  Note: Lower systolic blood pressures may be acceptable if biomarkers such as lactate and $SVO_2$ are normal.

- Dopamine < 10 mcg/kg/min
- Normal serum lactate

**Oxygenation and Ventilation**
- $PaO_2$ > 100 mmHg
- $PaCO_2$ 35-45 mmHg
- $FiO_2$ 0.40
- PEEP 5 cm H$_2$O
- Arterial pH 7.30-7.45

**Fluids and Electrolytes**
- Serum Na$^+$ 130-150 meq/L
- Serum K$^+$ 3 – 5.0 meq/L
- Serum glucose 60-150 mg/dL
- Ionized Ca$^{++}$ 0.8-1.2 mmol/L
  
  If measured.

  Note: Calcium is important in the neonatal period. Calcium can improve blood pressure in this patient population.

**Temperature**
- Core body temperature 96-99°F

**Urine Output**
- Output ≥ 1 cc/kg per hour