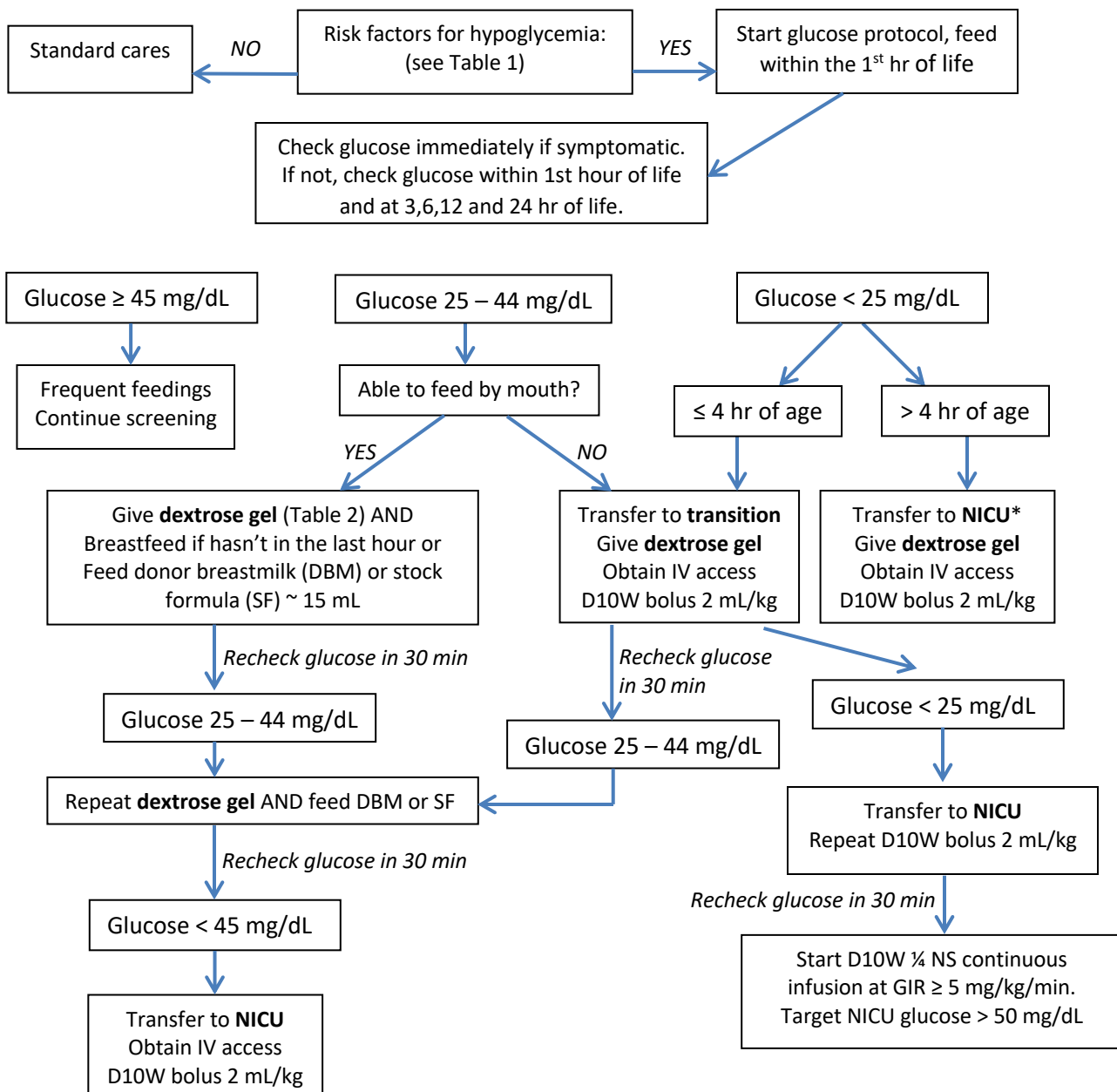


# Blood Glucose Monitoring and Treatment in the Newborn and Transition Nurseries



**Table 1. Risk factors for hypoglycemia**

1. Symptomatic infant: tremors, twitching, jitteriness, irritability, exaggerated Moro reflex, high pitched cry, seizures, apnea, hypotonia, poor feeding, respiratory distress, temperature instability, and/or coma
2. Infant of diabetic mother
3. Infant of gestational diabetic mother
4. Infant with clinically suspected sepsis
5. Large for gestational age (LGA) infant
6. Small for gestational age (SGA) infant
7. Low birthweight infant (< 2500 grams)
8. Premature infant < 37 weeks
9. Infant with Rh- incompatible hemolytic disease
10. Post asphyxiated infant (Apgar < 5 at 5 min)
11. Infant with polycythemia
12. Infant with Beckwith-Wiedemann Syndrome

**Additional Indications for NICU transfer:**

- 3 consecutive doses of dextrose gel or
- 4 total doses of dextrose gel

**Discuss possible NICU transfer:**

- After 3 total doses of dextrose gel or the
- Need for dextrose gel at 12 hrs of age or older

**Table 2. 40% Dextrose gel**

- Dose 0.5 mL/ kg body weight
- Round dose to nearest 0.5 mL

Weight	Dose
2 kg	1.0 mL
3 kg	1.5 mL
4 kg	2.0 mL
5 kg	2.5 mL