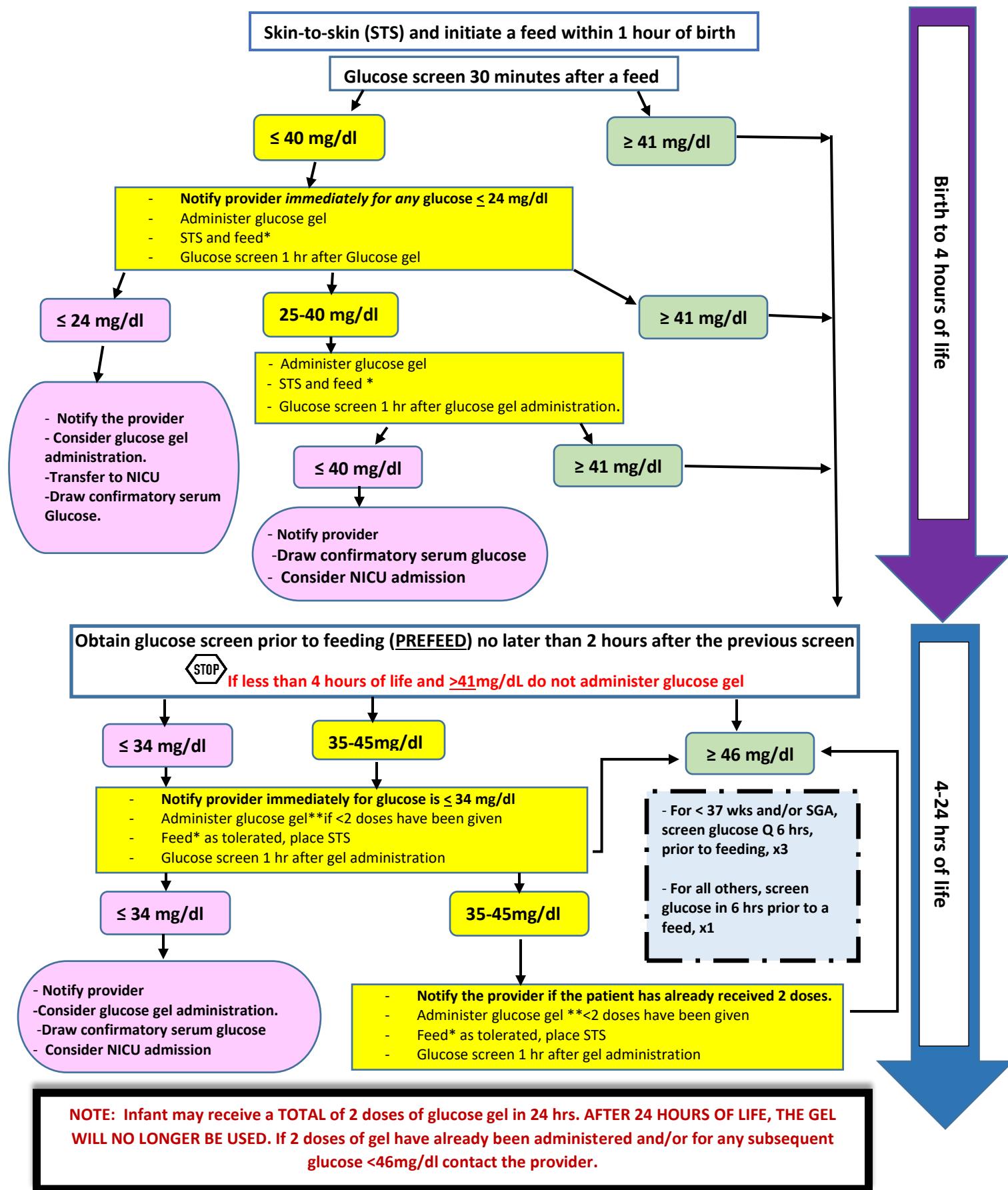


**ASYMPTOMATIC INFANTS (Birth to 24 hrs of age) FOR HYPOGLYCEMIA**



## GLUCOSE SCREENING ALGORITHM FOR INFANTS <24 hrs of Age

### **Signs and symptoms of hypoglycemia are non-specific but may include:**

Tachypnea	Feeding difficulty
Lethargy	Apnea
Respiratory distress	Jitteriness
Tremors/Seizures	Temperature instability
Irritability	Hypotonia
Diaphoresis	Cyanosis

**-Check Glucose**

**-Notify Provider**

### **Perform POC glucose test if the infant is asymptomatic and has any of the following:**

- Infant of diabetic mother (IDM)
- Large for gestational age (LGA) infant (Olsen Growth Chart)
- Small for gestational age (SGA) infant (Olsen Growth Chart)
- Infant <37 weeks gestation (Preterm)
- Infant of a mother who has had no documented prenatal care or has no Glucose Tolerance Test (GTT) on file.
- Infant greater than 41 weeks

\* “Feed” refers to breastfeeding, expressed breastmilk, and/or formula depending on the mother’s preference.

\*\* Administer each dose of glucose gel alternating between the right and the left buccal cavity, massaging the infant’s cheek gently to stimulate

\*\*40% gel provides 400 mg/kg glucose

Recommended dose:  $200 \text{ mg/kg} = 0.5 \text{ ml/kg}$

-2 kg: 1 ml      -4 kg: 2 ml

-2.5 kg: 1.3 ml      -4.5 kg: 2.3 ml

-3 kg: 1.5 ml      -5 kg: 2.3 ml

-3.5 kg: 1.8 ml

Follow the algorithm based on hours of life.

If less than 4 hours of life and  $>41 \text{ mg/dL}$  do not administer glucose gel

The infant should **NOT** receive more than **2 TOTAL** doses in a 24-hour period or any doses after 24 hours of life.