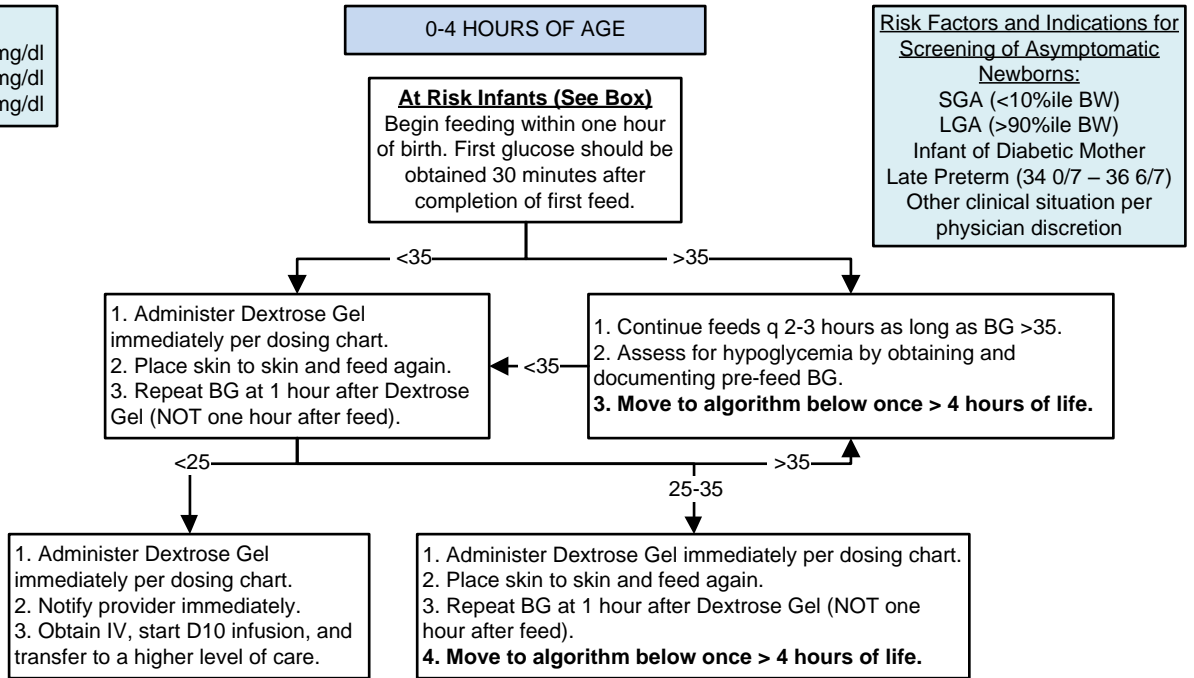


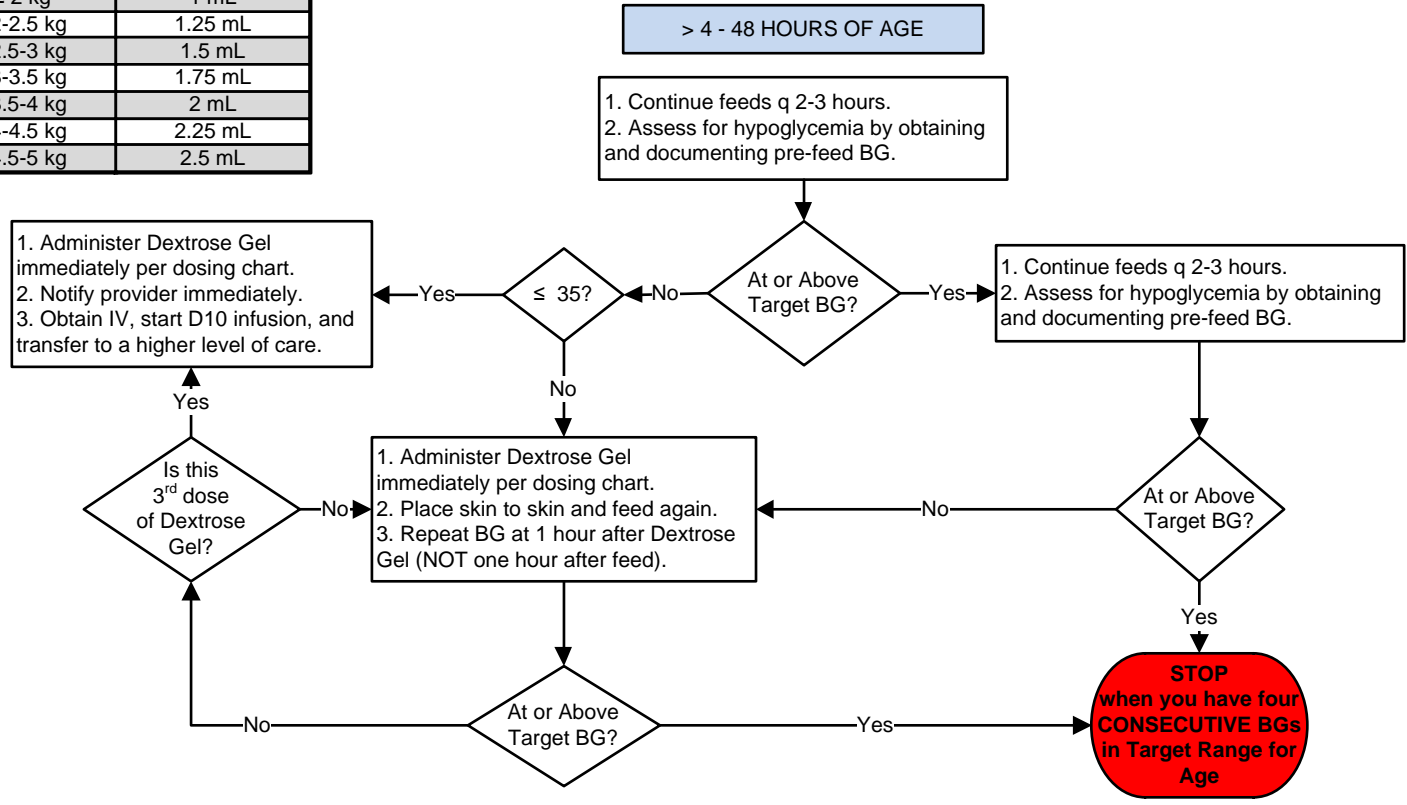


Target Glucose Levels for Age	
Birth to 4 hours of life	>35 mg/dl
>4 – 24 hours of life	>45 mg/dl
>24 – 48 hours of life	>50 mg/dl

- Symptoms of Hypoglycemia in Newborns:**
- Irritability
  - Tremors
  - Jitteriness
  - Exaggerated Moro Reflex
  - High Pitched Cry
  - Seizures
  - Lethargy
  - Floppiness
  - Cyanosis
  - Apnea
  - Poor Feeding



DEXTROSE (40%) GEL DOSING	
Birth Weight	Dose
≤ 2 kg	1 mL
>2-2.5 kg	1.25 mL
>2.5-3 kg	1.5 mL
>3-3.5 kg	1.75 mL
>3.5-4 kg	2 mL
>4-4.5 kg	2.25 mL
>4.5-5 kg	2.5 mL



**If infant has severe symptoms or BG is <25 after first Dextrose Gel dose: THIS SCREENING PROTOCOL NO LONGER APPLIES.**

- Give Dextrose Gel dose.
- Start IV.
- Give D10 2 mL/kg bolus at 1 mL/minute.
- Start D10 infusion at 80 mL/kg/day.
- Goal is to keep baby's serum glucose at 60.
- Check glucose 30 minutes after each bolus or rate change and Q1-2h until stable.
- If glucose remains low, give another D10 2 mL/kg bolus and increase hourly rate by 1 mL/hour.

This guideline is designed for the general use of most patients but may need to be adapted to meet the special needs of a specific patient as determined by the medical practitioner.  
Approved by MSEC 12/11/19.  
**If comments about this guideline, please contact Jennifer\_Prince3@ykhc.org.**