

ASYMPTOMATIC NEONATAL HYPOGLYCEMIA

Infant with Risk Factors



To be used for infants in the first 48 hours of life

NOTE:

Hypoglycemia is a medical indication for supplementation (expressed milk, donor milk, or formula)

RISK FACTORS:

IDM/GDM, <37 weeks, initial Apgar <6, maternal beta-blocker, no prenatal care, SGA, LGA

RECOMMENDATIONS:

Keep infant skin-to-skin, avoid cold stress, warm heel before obtaining BG, assist with latch/feeding

BIRTH THROUGH 4 HOURS OF LIFE		
<p>BIRTH - 90 MIN</p> <p>First hour: Uninterrupted skin to skin Initiate first feed by 1 hour of life Obtain initial screen (BG) at 90 minutes of life</p>		
SCREEN RESULTS (90 MIN - 4 HRS)		
<25 MG/DL	25 - 40 MG/DL	Target > 40 MG/DL
<p>Give dextrose gel & BF Continue skin to skin If poor latch, feed measurable amount*</p> <p>NOTIFY INFANT PROVIDER</p> <p>Recheck BG in 1 hour after dextrose gel is given</p>	<p>Give dextrose gel & BF Continue skin to skin If poor latch, feed measurable amount* Recheck BG in 1 hour</p>	<p>Continue skin to skin Feed on demand every 2-3 hours Recheck BG prior to each feed</p> <p>No more than two target BGs within the first 4 hours of life</p>

AFTER 4 HOURS OF LIFE		
<p>4 - 48 HRS</p> <p>Feed every 2-3 hours Check BG prior to each feeding</p>		<p>PASS: Three target consecutive pre-prandial BGs without use of dextrose gel</p> <p>Call NBN LIP if infant has not passed protocol by 12 hours of life.</p> <p>If infant required supplementation to pass, continue to supplement and discuss feeding plan with provider.</p>
SCREEN RESULTS (4 HRS UNTIL PASS)		
< 45 MG/DL	Target ≥ 46 MG/DL	
<p>Give dextrose gel (max 3 doses) BF, if poor latch, feed measurable amount*</p> <p>NOTIFY INFANT PROVIDER</p> <p>Recheck BG in 1 hour after dextrose gel is given</p>	<p>Feed on demand every 2-3 hours Recheck BG prior to each feed</p>	

DEXTROSE GEL DOSING GUIDELINES:

Dextrose 40% Gel (200 mg/kg) / Dose 0.5 mL/kg / massage into buccal mucosa

* **MEASURABLE SUPPLEMENTATION:** 3-5 mL/kg expressed colostrum / donor milk / formula