Clinical Guideline

Glucose screening protocol: During admission
Newborn Nursery

For the following criteria, obtain blood glucose via bedside meter 30 minutes after first feeding (which should occur within the first hour after birth) or at 2 hours of life if infant is unable to feed:

1. Late Preterm 34—36 6/7 weeks
2. SGA or LGA
3. Infant of a diabetic mother
4. Mother with propranolol or other B-symathometic tocolytic meds (terbutaline, albuterol)
5. Mother withdrawing or positive for opioids or narcotic
6. Infant with any APGAR < 5
7. Infant with congenital heart disease
8. Infant with tremor, irritability, apnea, cyanosis, poor feeding, temp instability (< 36.3 C rectal), poor tone, pallor

For questions concerning this guideline, contact: chorclinicalguidelines@vcuhealth.org

First approved: 2014
Last updated: June 2020
Next expected update: June 2023
Blood glucose should be obtained via bedside meter for infants with the following symptoms: tremor, irritability, apnea, cyanosis, temperature instability (36.3°C rectally or lower), poor feeding, low activity or pallor.

For glucose levels >40, monitor clinically for signs of hypoglycemia.

*Continue blood glucose screening via bedside meter until two stable AC results have been obtained (in addition to the initial PC specimen) for high-risk infants such as LPT, SGA, LGA and IDM or any other result <40 mg/dl.

For all glucose levels <40 mg/dl obtained by bedside meter:
Send glucose sample to lab for validation and consider interventions based on symptoms.
Hypoglycemia Guideline
Executive Summary

Children's Hospital of Richmond at VCU Hypoglycemia Workgroup

General Pediatrics Owner: Tiffany Kimbrough, MD
Nursing: Kym Gee, MM, BSN, CNML

Approved (June 2020)

CHoR Clinical Guidelines Committee: Jonathan Silverman, MD, MPH
Ashlie Tseng, MD

CHoR Quality Council, Executive Sponsor:
Matthew Schefft, DO, MSHA
Dory Walczak, MS, RN, NE-BC, CPHQ

Chief of General Pediatrics: Romesh Wijesooriya, MD

References


Citation

Title: Hypoglycemia Guideline

Authors: Children's Hospital of Richmond at VCU
Tiffany Kimbrough, MD
Kym Gee, MM, BSN, CNML

Date: June 2020

Retrieval website: http://www.chrichmond.org/clinical-guideline-Hypoglycemia

Example: