

Infection Prevention & Control Audit Tool: Blood Glucose Monitoring



**INFECTION CONTROL
ASSESSMENT &
RESPONSE**

Facility name: _____

Unit: _____

Date: _____

Observer/auditor: _____

Start time: _____

End time: _____

Directions: Observe blood glucose monitoring from start to finish. Record if the blood glucose meter is 'Dedicated' to the patient/resident or a 'Shared' medical device. Record if steps were performed as 'Yes' or 'No.' Refer to the *Hand Hygiene Opportunities* section to record additional opportunities for hand hygiene during the blood glucose monitoring observations. Refer to page two for the footnotes. Utilize the *Notes* section to record relevant information.

Practices	Blood Glucose Monitor Type									
	Dedicated Shared Observation 1		Dedicated Shared Observation 2		Dedicated Shared Observation 3		Dedicated Shared Observation 4		Dedicated Shared Observation 5	
Hand hygiene performed before gathering testing supplies	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
All supplies gathered in a way to prevent contamination ¹	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
Hand hygiene performed prior to point-of-care testing	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
Appropriate PPE donned	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
Single-use, auto-disabling lancing device ² used and disposed of properly	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
Sharps container available at point-of-use	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
Gloves doffed at completion of testing and waste removal	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
Hand hygiene performed	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
Reusable equipment (e.g., shared glucose meter ³) cleaned and disinfected ⁴	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No

NOTES

Hand Hygiene Opportunities

(Based on the World Health Organization's "My 5 Moments for Hand Hygiene").⁵

Directions: Note the corresponding blood glucose monitoring' Observation #' 1-5 associated with the additional hand hygiene observations. Place a single tally mark "|" for each 'Hand Hygiene Opportunity' observed. Under 'Opportunity Successful,' place a single tally mark "|" if successful and leave blank if not successful. Record relevant information (if applicable) in the 'Hand Hygiene Notes' column.

Observation #	Hand Hygiene Opportunity	Opportunity Successful	Hand Hygiene Notes
1. Before touching a patient/resident		<ul style="list-style-type: none"> • Prior to entering a patient/resident care area or room • Prior to contact with a patient/resident • Prior to assisting a patient/resident 	
2. Before clean/aseptic procedures		<ul style="list-style-type: none"> • Prior to performing a treatment • Prior to performing point-of-care testing • Prior to administering medications • Prior to manipulating indwelling devices 	
3. After body fluid exposure/risk		<ul style="list-style-type: none"> • After performing point-of-care testing • After performing wound care or dressing changes • After removing gloves 	
4. After touching a patient/resident		<ul style="list-style-type: none"> • After transferring a patient/resident • After assisting a patient/resident 	
5. After touching patient/resident surroundings		<ul style="list-style-type: none"> • After assisting a patient/resident • After touching items in the patient/resident room (e.g., privacy curtain, call bell) 	

¹ Barrier protection of surfaces and equipment is useful, especially if these surfaces are touched frequently by gloved hands during the delivery of patient care, are likely to become contaminated with body substances, or are difficult to clean. Refer to CDC [Guidelines for Environmental Infection Control in Health-Care Facilities](#) – E. Environmental Service.

² In settings where assisted blood glucose monitoring is performed, single-use, auto-disabling fingerstick devices should be used. Refer to CDC [Considerations for Blood Glucose Monitoring and Insulin Administration](#).

³ If the manufacturer does not provide instructions for cleaning and disinfection, the device should be dedicated to one patient/resident. Review the CMS [State Operations Manual](#), if applicable.

⁴ Refer to the manufacturer's instructions for cleaning and disinfection of all glucometers. Refer to the U.S. Environmental Protection Agency (EPA) to confirm [Selected EPA-Registered Disinfectants](#).

⁵ World Health Organization, [Your 5 Moments for Hand Hygiene](#).