

Continuous Glucose Monitoring (CGM) - Inpatient Workflow

Purpose: To provide guidance for proper validation of CGM values with a POCT device to ensure safe insulin dosing when using CGM glucose values

SITUATION:

Patients with CGMs admitted to the hospital prefer to continue using their CGMs to minimize frequent fingerstick. There is no current validation process to ensure CGM safety when BG values are used for insulin dosing.

BACKGROUND:

CGM is becoming the preferred method of glucose monitoring by patients and providers

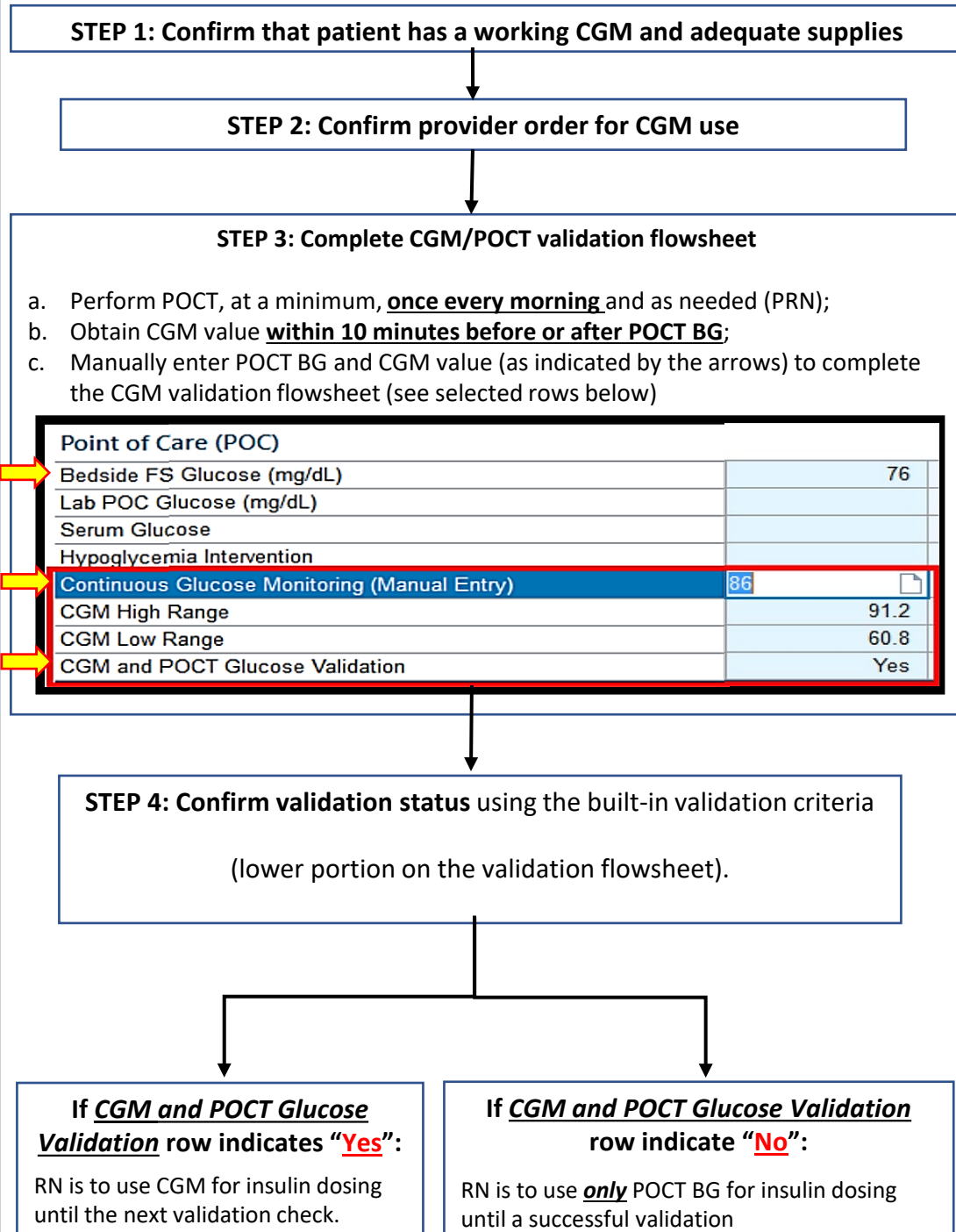
Emerging data indicate that CGM values are up to 90% accurate when validated with a POCT device.

ASSESSMENT:

- CGM use enables real-time glucose monitoring and minimizes fingerstick frequencies.
- Ongoing CGM validation is necessary to ensure the accuracy and safety of insulin dosing.
- Timely and accurate documentation of CGM values is essential to ensure effective interdisciplinary communications.

RECOMMENDATIONS:

Please follow this workflow for successful validation of CGM before using it for insulin dosing



Additional Resources

- Continuous Glucose Monitoring draft procedure available on IP Diabetes Care Program Intranet site
- Endocrine consult: Voalte or pager #23636
- Diabetes Education Consult: Voalte or pager #16668