

Educational Seminar
Rutherford, N.J. Thursday, September 21, 2023
Atlanta, GA Tuesday, September 26, 2023

Undetected Point-of-Care Hypoglycemia Can Be Life-Threatening to the ICU Patient

Bedside glucose testing is one of the most commonly performed tests in the hospital and many clinicians take the accuracy and reliability of these results for granted. However, certain glucose meters have interferences from medications and other endogenous factors that can cause erroneous glucose meter results. Five papers published in the last year have reported that inaccurate results from these meters have led to improper treatment, such as giving insulin to a patient who is hypoglycemic, which can cause catastrophic outcomes including death. This is an ongoing, real-life problem, with erroneous glucose meter results and inappropriate insulin administration.¹⁻⁵ In addition to adverse events, meter errors can cause increased length of stay and increase the cost of hospitalization.

This seminar will show how outcomes are achieved through improved glucose meter accuracy, discuss factors which can affect accuracy of some glucose meters and how to avoid them, and review implementation of an interference-free bedside glucose testing system which protects patients and providers.

Topics

- Using comparative reference methods to evaluate glucose meter systems
- Evaluating glucose interferants (e.g., hematocrit, other sugars, acetaminophen, ascorbic acid)
- Preventing glucose meter interferences and adverse events
- Implementing a hospital-wide POC glucose testing program that includes critically ill patients
- FDA and CMS regulations for glucose meter use with critically ill patients

Speakers



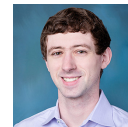
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Former surgeon, Chair of the Dept. of
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Dates and Locations

Thursday, September 21
Renaissance Meadowlands
Rutherford, NJ



Tuesday, September 26
JW Marriott Atlanta Buckhead
Atlanta, GA



Educational Credits

This program has been approved by the American Association of Critical-Care Nurses (AACN) for 2.5 CERPs, Synergy CERP Category A, File Number 24336. Approval refers to recognition of continuing education only and does not imply AACN approval or endorsement of content of this educational activity, or the products mentioned. This program offers 2.5 hours of P.A.C.E. continuing education credits.

Registration

Seminar begins at 8:30 am. Presentations follow until 12:00 pm. The seminar includes complimentary breakfast, buffet lunch and parking. To register for this free seminar, go to: <https://www.novabiomedical.com/hypogly> or scan the QR-Code below.

References:

1. Orija, et al. DOI: <https://doi.org/10.1016/j.aace.2020.11.030T>
2. Krabbe, et al. DOI: <https://doi.org/10.1515/cclm-2020-1445>
3. Katzman, et al. DOI: <https://doi.org/10.1177/1932296820932186>
4. Lachance, et al. DOI: <https://doi.org/10.1186/s13256-021-02869-4>
5. Daan Ten Berge, et al. DOI: <https://doi.org/10.7759/cureus.28615>



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