

“FACTORS AFFECTING GLUCOSE METER ACCURACY IN ALL HOSPITALIZED PATIENTS INCLUDING THE CRITICALLY ILL”

Point-of-care (POC) glucose testing in the hospital is a valuable tool for the management of dysglycemia. This can be undermined by inaccurate POC glucose meter results, which are most often caused by interferences related to patients' pathophysiologic factors and exogenous substances. The presentation will discuss, using peer-reviewed publications and clinical case studies, the risks posed by interferences in glucose meter results, and how these can potentially affect patient's safety. Additionally, the importance of accurate POC glucose meter results for improved clinical outcomes will be discussed, by presenting published data.

