

Nova StatStrip® Glucose Bibliography

Point-of-care glucose testing can be challenging in the hospital setting. Interfering substances such as hematocrit, drugs, and elevation of pathophysiological and other endogenous metabolites have all been *shown to interfere with the measurement of glucose testing*. Nova’s StatStrip glucose monitoring system is designed to measure and eliminate the effects of abnormal hematocrit, electrochemical interferences, and endogenous metabolites to provide accurate results.

The following list of citations are from peer-reviewed publications and presentations delivered at national and international meetings where the performance of StatStrip Glucose has been evaluated in a variety of critical care settings and diverse patient populations.

Between 2007 and 2022, over 200 studies of analytical performance have been published. **No clinical interferences have been found.**

These studies were conducted at some of the most prestigious hospitals and diabetes centers in the world and **prove that Nova Biomedical’s StatStrip glucose sensor technology significantly improves accuracy by eliminating hematocrit and other interferences.**

Study sites include many highly respected names in the medical community:

- Mayo Clinic College of Medicine, Rochester, Minnesota
- The Johns Hopkins University School of Medicine, Baltimore, Maryland
- University of Toronto Sunnybrook Health Sciences Centre, Toronto, Canada
- Addenbrook’s Hospital, Cambridge University Hospitals, United Kingdom
- University Hospital of Wales, Cardiff, Wales
- Isala Klinieken, Zwolle, Netherlands; Saint-Pierre Hospital, Brussels, Belgium
- Saitama Medical University, Saitama, Japan

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Adult Clinical and Intensive

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