# COVID-19 Bedside Glucose Management Risk of Ascorbic Acid and Hematocrit Interference

Interest in the antioxidant properties of ascorbic acid use in critically ill patients is growing, especially during the COVID-19 pandemic.<sup>1,2</sup> For these critically ill patients, severe anemia is also a common underlying condition. This webinar examines the risk of inaccurate glucose meter results due to interference from ascorbic acid and anemia. The only glucose meter that measures and corrects for these interferences will also be described.

#### **Learning Objectives**

- The use of adjunctive therapies such as ascorbic acid with COVID-19 patients
- The risk of glucose meter error due to ascorbic acid and anemia interferences
- How hospitals can protect their COVID-19 patients from glucose meter interferences

#### **Intended Audience**

- Point of Care Coordinators
- · Lab Managers
- · Critical Care Clinicians

#### **Presenter**

Charbel Abou-Diwan, PhD Director, Medical and Scientific Affairs Nova Biomedical



#### **Educational Credits**

- Approved by the American Society for Clinical Laboratory Science for 1.0 contact hours for P.A.C.E. continuing education credits.
- Approved by the American Association of Critical-Care Nurses (AACN) for 1.0 CERPs, Synergy CERP Category A, File Number 23158. Approval refers to recognition of continuing education only and does not imply AACN approval or endorsement of the content of this educational activity, or the products mentioned.

### **Three Webinar Times are Available**

Thursday, April 30th, 2 PM Eastern Daylight Time Thursday, May 28th, 1 PM Eastern Daylight Time Thursday, June 18th, 4 PM Eastern Daylight Time

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- Fowler AA, 3rd, et al., Effect of vitamin C infusion on organ failure and biomarkers of inflammation and vascular injury in patients with sepsis and severe acute respiratory failure: the CITRIS-ALI Randomized clinical trial. *JAMA*. 2019;322:1261-1270.
- 2. Arabi YM et al., Critical care management of adults with community-acquired severe respiratory viral infection. *Intensive Care Medicine*, 2020;46:315-328.

