

ILLUMINATIONS WEBINAR SERIES PRESENTS

Avoid Unnecessary Transfusions and Optimize Blood Management in the CVOR



Speakers: John G. Toffaletti, PhD, DABCC
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Associate Director, Clinical Chemistry
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Cardiovascular Perfusionist
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Halifax, NS, Canada

Date: Wednesday, November 10, 2010

Time: 6:00 p.m. – 7:00 p.m. ET

Credit: 1.2 Category I SDCE (Self-Directed Continuing Education) credits through ABCP, and 1.0 Professional Education Program hour through P.A.C.E.[®] and AARC.

Register at www.ilus.com/illuminations

This webinar is free to attend.



John G. Toffaletti, PhD, DABCC

Professor of Pathology
Director, Blood Gas, Clinical Pediatric, Outpatient Labs
Associate Director, Clinical Chemistry
Duke University Medical Center
Durham, NC, USA

Dr. Toffaletti directs the Blood Gas, Pediatric and Outpatient Labs at Duke University Medical Center, in addition to serving as a Professor of Pathology at the Medical School. His expertise in Clinical Chemistry includes a focused knowledge in analytical aspects of blood gas, CO-Oximetry, and other Critical Care tests. He has authored numerous books, study guides and chapters on the interpretation of analytes. Additionally, his research has been published in: *Clinical Chemistry, Pathology & Laboratory Medicine, Point of Care: Journal of Near-Patient Testing and Technology, Analytical Chemistry* and *Journal of Clinical Monitoring and Computing*, among others.

Dr. Toffaletti is an active member of the American Association for Clinical Chemistry (AACC), where he has served as Chairman of the Contributed Papers Committee at Annual Meetings, Chairman of the North Carolina Section, Chairman of the Electrolyte/Blood Gas Division and Chairman of the Scientific Program Committee for the AACC Critical Care and Point of Care Symposium. Dr. Toffaletti has also served on the Board of Editors of *Clinica Chimica Acta*.



Gerard J. Myers, CCP, RRT

Cardiovascular Perfusionist
QEII and IWK Health Sciences Centers
Halifax, NS, Canada

Gerard Myers is an experienced Respiratory Therapist and a Cardiovascular and Pediatric Perfusionist. He has been part of Perfusion teams in a variety of Canadian institutions for over three decades. Thanks to his clinical expertise, and passion for delivering the best patient care, Myers has evaluated a wealth of technologies and techniques in Clinical Perfusion. His research has been published in: *Perfusion, Journal of Thoracic Cardiovascular Surgery, Journal of Extracorporeal Technology (JECT), Canadian Journal of Surgery, Canadian Perfusion, Annals of Thoracic Surgery, Cardiology in the Young* and *Journal of Respiratory Technology*. His research has earned him numerous honorary awards and editorial appointments in journals such as *JECT, Canadian Perfusion Canadienne* and *Perfusion*.

He is a member of several Perfusion societies, including American Society of Extracorporeal Technology (AmSECT) and Canadian Society of Clinical Perfusion.

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Improve blood management in the CVOR with measured Total Hemoglobin.

Effective blood management is critical to optimizing patient care in the CVOR. Unnecessary transfusions increase risk of infection, ischemic complications and can contribute to costly, prolonged hospital stays. Studies have demonstrated that the precision in hemoglobin measurement is critical; a difference of only 1 g/dL can impact the decision to transfuse. This leads to a startling statistic: up to 57% of transfusions are likely 'unnecessary' and initiated based on poor or inaccurate test results.¹

Dr. Toffaletti will provide an analytical perspective on Total Hemoglobin testing versus other methodologies and present related data from the CVOR. Gerard Myers will analyze current oxygenation status testing methodologies and discuss the impact of implementing Total Hemoglobin measurements on positive patient outcomes and reduced transfusions.

Program Overview:

- Clinical importance of transfusion management
- Evaluation of point-of-care blood gas measurements and methodologies in the CVOR
- Role of measured Total Hemoglobin testing in reducing transfusions and improving patient care
- Case analysis of oxygenation status testing methodologies

Program Credits:

Qualifies for 1.2 Category I SDCE credits through ABCP (American Board of Cardiovascular Perfusion), and for 1.0 Professional Education Program hour through P.A.C.E.[®] (Professional Acknowledgment for Continuing Education) and AARC (American Association for Respiratory Care). IL will provide a completion certificate to serve as a record of attendance which may entitle participants to educational credits through other associations.

1. Stehling LC, Doherty DC, Faust RJ *et al.* Practice guidelines for blood component therapy: A report by the American Society of Anesthesiologists task force on blood component therapy. *Anesthesiology*. 1996; 84: 732 – 47.

About The ILLuminations Webinar Series

ILLuminations Webinars are educational, web-based seminars led by industry experts and opinion leaders. The Series features timely topics and industry challenges that impact the effectiveness and success of healthcare.

In 2010, the *ILLuminations Webinar Series* for Critical Care includes three events focused on improving clinical outcomes through point-of-care testing.

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Register to attend

at www.ilus.com/illuminations
by Monday, November 8, 2010.

Registrants will receive an email confirmation with instructions on joining the live webinar. For questions and registration assistance, contact your local IL sales representative.

This webinar is free to attend.



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