

# Spot the **Red** Flags: Lab Results & Patterns That Should Make You Think - Metabolic Disorder!

**A CME ACCREDITED  
VIRTUAL SATELLITE SYMPOSIUM  
AT THE 2020  
HOT TOPICS IN NEONATOLOGY® CONFERENCE**

**December 8, 2020  
9:00 a.m. – 12:30 p.m. (EST)**

**Presented by:  
VMP Genetics and Nemours**

**VMP, LLC**  
expanding genetic horizons...

**Nemours.**  
Children's Health System



**Join us for a half day  
interactive  
virtual symposium  
for clinicians  
interested in  
learning practical  
approaches to  
diagnosing  
metabolic disease!**

**Look at simple  
chemistry tests in  
new and meaningful  
way**

**Lab combinations  
can indicate further  
testing or specific  
metabolic disease**

**Practical and relevant  
information regarding  
diagnosis and  
treatment**

**REGISTRATION  
REQUIRED**

***www.HotTopics.org***

**\$25 Fellow,  
Resident, Nurses  
and Allied Health**

**\$50 all other Registrants**

# Spot the Red Flags: Lab Results & Patterns That Should Make You Think - Metabolic Disorder!

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Learn how simple lab tests can teach you about a patient's metabolic homeostasis. Abnormal results in telltale combinations can raise or lower your suspicion about an underlying inborn error and point you toward a treatable diagnosis!

Essential knowledge for all intensivists, including NICU professionals.

## SCHEDULE

- 9:00 a.m. Welcome/Pre-Test
- 9:15 a.m. **Theory 1:** Assessing metabolic competence. How simple tests – blood gases, electrolytes, anion gap, glucose, ammonia, lactate, ketones – can tell you whether a patient is able to metabolize protein, carbohydrates and fat. Focus on: blood gases, electrolytes, anion gap, glucose, ammonia, lactate, 3-OH-butyrate/ ketones, plus...
- 9:45 a.m. **Workshop 1:** Interactive case studies.
- 10:15 a.m. **Theory 2:** Focus on: Kidney functions and urinalysis – pH, glucose, reducing substances, blood, plus...
- 10:45 a.m. **Workshop 2:** Interactive case studies.
- 11:15a.m. **Theory 3:** Focus on: Liver functions - bilirubin, AST and ALT, alkaline phosphatase, albumin, coagulation studies. Plus AFP, CK and others...
- 11:45 a.m. **Workshop 3:** Interactive case studies.
- 12:15 p.m. Conclusion/Post-Test

### Faculty

**Mark Korson, MD**  
Director of Education  
Director of Physician  
Support Service  
VMP Genetics

**Georgianne Arnold, MD**  
Professor of Pediatrics  
Children's Hospital of Pittsburgh

**Thank you to our 2020 Supporter**

**Recordati Rare Diseases**



**IMPORTANT NOTE:** Your unique-to-you conference password and URL for the conference site will be emailed to you the week prior to the conference. It is very important that you register using an email address that you use frequently and will remember.

**Nemours** Children's Health System

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## ACCESS

You will be able to access the conference website through a website address and a unique-to-you password that will be emailed to you prior to the symposium. You can participate in the symposium at the times posted in the agenda (Eastern Standard Time) or view the recorded sessions at your convenience for 30 days after the event. There will be a function within the website that will allow you to directly contact other attendees during the conference via text or video chat. The conference site is available through any device with internet access anywhere in the world. We recommend that you use Google Chrome as your browser if you are accessing from a computer.

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## LEARNING OBJECTIVES

The conference agenda will include seminars/workshops oriented around symptoms that neonatologists see on a regular basis. The format will be a mix of case-based didactic lectures and practical sessions that appeal to a range of participants' learning styles. All sessions will be interactive in nature as individual, small group or large group learning experiences and will include the use of an audience response system. Attendees will be encouraged to offer opinions, participate in the progression of teaching cases, and provide insights from their perspectives and experiences. Participants will also be provided with course materials as future reference tools. Learning will be evaluated through a number of methods, including pre- and post-lecture and/or course questions, as well as participation in the clinical cases. At the end, all participants will be asked to evaluate the course.

## ACCREDITATION

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of Nemours and the VMP, LLC. Nemours is accredited by the ACCME to provide continuing medical education for physicians.

Nemours designates this live activity for a maximum number of 3.5 *AMA PRA Category 1 Credits*™. Physicians should claim only the credit commensurate with the extent of their participation in this activity.

## DISCLOSURE POLICY

As a provider accredited by the ACCME, Nemours must ensure balance, independence, objectivity and scientific rigor in its educational activities. All faculty involved in the development of CME content are required to disclose to Nemours their relevant financial relationships. An individual has a relevant financial relationship if s/he has a financial relationship in any amount occurring in the last 12 months with a commercial interest whose products or services are discussed in the CME activity content over which the individual has control. Nemours has policies in place to resolve potential financial conflicts of interest. Relevant financial relationships will be disclosed to the activity audience.

## MAINTENANCE OF CERTIFICATION (MOC) POINTS

Successful completion of this CME activity, which includes participation in the activity, with individual assessments of the participant and feedback to the participant, enables the participant to earn 3 MOC points in the American Board of Pediatrics' (ABP) Maintenance of Certification (MOC) program. It is the CME activity provider's responsibility to submit participant completion information to ACCME for the purpose of granting ABP MOC credit.

## FEES

The virtual symposium registration fee is \$25 for fellows, residents, nurses and allied health and \$50 for all other professionals. These fees include all course materials as noted on the schedule.

**IMPORTANT NOTE:** Due to logistical hurdles created by the pandemic, we will not be accepting mail-in registrations/checks.

## AMERICANS WITH DISABILITIES ACT

In accordance with the Americans with Disabilities Act, Nemours will provide modifications in teaching methodologies to accommodate individual needs. To request disability accommodations, contact the Office of Continuing Medical Education at least 15 days in advance of the program at (407) 558-1626.

## CANCELLATION POLICY

A refund less a \$15 processing fee will be given for WRITTEN cancellations received before November 6, 2020. No refunds will be given after this date. The hospital is not responsible for any cancellation or change fees assessed by hotels, airlines or travel agencies.

## COMMERCIAL SUPPORT

This program may be supported in part by educational grants in accordance with ACCME Standards. A list of commercial supporters is presented in this brochure. Appropriate acknowledgement will be given to all supporters in materials and at the time of the conference.

## FOR MORE INFORMATION

Contact Yari Payne, Nemours Office of CME  
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