

Outline

CBC	Toxicology screening
Anemia	C-diff
• Ferritin	Labs of pancreatitis
• Iron	Lumbar punctures
• Total iron binding capacity (TIBC)	• Meningitis/Encephalitis
• Transferrin	All those swabs! COVID, MRSA, RSV, Strep...
BMP	Type and screen/Cross match
Cholesterol panel/Triglycerides	Thyroid panels
Nutrition labs	Coag labs
• Albumin/pre-albumin	• PTT, PT/INR, 10A
• Corrected calcium	• D-dimer
Renal failure and life-threatening electrolytes	• DIC panel
• Acute kidney injury	Diabetic labs and crisis events
• Chronic renal failure	• Hypoglycemia, DKA and HHS
Liver function test and ammonia levels	• Hgb A1c
Inflammatory markers	• Glucose tolerance test
• CRP/ESR/Procalcitonin/ANA/	Urine Labs – UA and beyond
Creatinine Kinase	
Cardiac labs and EKG clues	
• Troponin I	
• Troponin delta	
• BNP/Pro-BNP	
• STEMI vs. NSTEMI	
ABG analysis	
Sepsis bundle and lab results	
• Cultures and sensitivities	

Objectives

1. Manage ABG findings using a simple and quick tool.
2. Determine what it means when a patient has a “shift to the left” on the differential.
3. Appraise how medications can alter the CBC and differential.
4. Analyze urinalysis results, based upon current guidelines, to decide on treatment.
5. Evaluate lab results to help identify liver dysfunction problems.
6. Distinguish renal labs for both chronic and acute kidney injury.
7. Determine patient implications based upon the clotting cascade.
8. Evaluate the current Surviving Sepsis Campaign Bundle and associated guidelines.
9. Distinguish the role of inflammation in the progression of disease processes and the labs that help us identify its presence.
10. Analyze the Troponin Delta and its findings.
11. Appraise the current goals for lipid panels and determine why they are important.
12. Differentiate anemia types and causes by category.

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2-DAY
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2-DAY
Advanced Lab Interpretation

Making Sense of Critical Patient Clues



Featuring
Cyndi Zarbano, MSN, CCRN, PCCN, LNC, NLCP
Critical Care/Intensive Care Nurse at Mayo Clinic in MN

- Finally make sense of the **CBC’s differential**
- **Toxicology findings:** What does and doesn’t show up
- **Life threatening electrolytes** – and immediate interventions
- Must know clues from the **liver function panel**
- **ABG analysis** made quick and easy with one simple tool!
- Rapid interpretation of a **STEMI’s location** using a handy mnemonic
- **Surviving Sepsis Campaign guidelines** & the evidence-based practice that drives them



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2-Day Advanced Lab Interpretation

Imagine yourself making a catch on a lab finding that could **save your patient from a potential crisis**.

We all want to be able to sort through the lab results and **feel confident that we aren't missing something**. Especially if that detail might be something that could have really significant patient implications.

You've learned tips and tricks through your own healthcare career when it comes to interpreting a patient's lab results. Now you have an opportunity to learn from **Cyndi Zarbano, MSN, CCRN, PCCN, LNC, NLCP**. She has accumulated a wealth of knowledge through her more than 25 years working in intensive care, critical care, and flight nursing roles.

During this incredible 2-day event, Cyndi will share her expertise, to **take your critical thinking abilities to a new level!** A few highlights that your colleagues have expressed appreciation for from this training:

- Finally make sense of the **CBC's differential**
- **Toxicology findings**: What does and doesn't show up
- **Life threatening electrolytes** – and immediate interventions
- Must know clues from the **liver function panel**
- **ABG analysis** made quick and easy with one simple tool!
- Rapid interpretation of a **STEMI's location** using a handy mnemonic
- Interpret the **thyroid panel** to know the patient's problem

Register today! You will join all the other grateful past attendees!

Meet Your Speaker



Cyndi Zarbano, MSN, CCRN, PCCN, LNC, NLCP, practices at Mayo Clinic in MN as an ICU nurse. Through more than 25 years of clinical practice, she has drawn expertise from a variety of intensive care, critical care and flight nursing roles. Her insights have been sought in legal cases for the past 12 years. She has acted as nurse consultant in a variety of cases for both defense and plaintiff, as well as fulfilled the role as a testifying expert in a multitude of cases.

Cyndi has been a requested presenter, speaking to diverse healthcare audiences throughout the country. She engages audiences with her current clinical knowledge, incorporation of evidence-based findings, fascinating nursing experiences, and the interjection of humor to keep learning fun. Cyndi is veteran of the US Navy having served ten years, earning rank as a Lieutenant Commander (LCDR).

Speaker Disclosure:

Financial: Cynthia Zarbano is the owner of Clinical Review Consultants and has employment relationships with Science 37 and Mayo Mankato. She receives a speaking honorarium, book, and recording royalties from PESI, Inc. She has no relevant financial relationships with ineligible organizations.

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"Cyndi Zarbano was a very, very knowledgeable presenter who also interjected personal stories and humor as appropriate in her enjoyable presentation. I definitely would attend another presentation by her."

"Cyndi Zarbano is brilliant. She was so knowledgeable about the subject. She is an EXCELLENT speaker."

"Ms. Zarbano is very knowledgeable. She is a good speaker and kept the class interesting. She also answered my questions thoughtfully. She is one of the best speakers I have ever encountered at a continuing education seminar."

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