

by PAMET-San Diego Chapter

**FIRST ANNUAL SYMPOSIUM AND
CEU SEMINAR
MARCH 12, 2011
SAN DIEGO COUNTY HEALTH
SERVICES COMPLEX**

































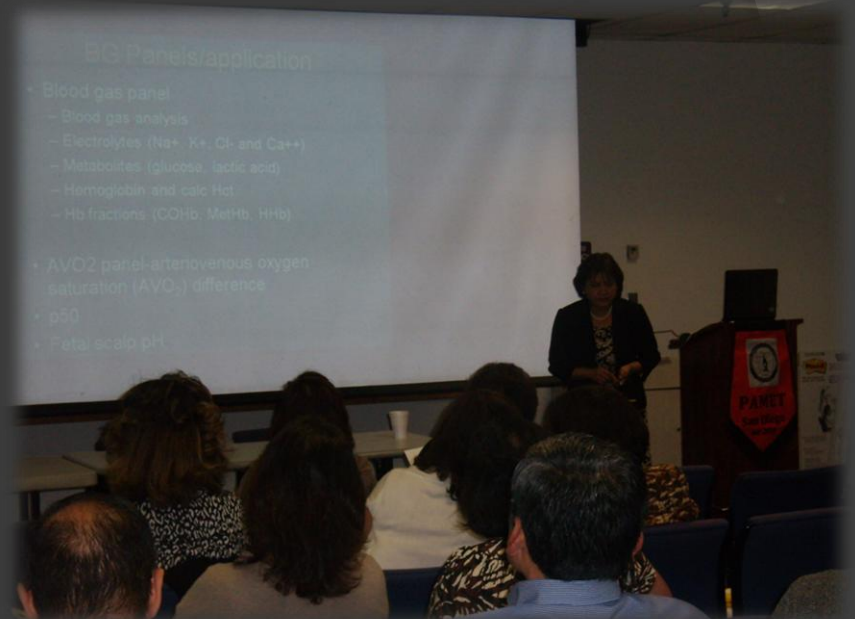












BG Panels/application

- Blood gas panel
 - Blood gas analysis
 - Electrolytes (Na⁺, K⁺, Cl⁻ and Ca⁺⁺)
 - Metabolites (glucose, lactic acid)
 - Hemoglobin and calc Hct.
 - Hb fractions (COHb, MetHb, HHb)
- AVO2 panel-arteriovenous oxygen saturation (AVO₂) difference
- p50
- Fetal scalp pH

Oxyhgb-Dissociation Curve

- Flat portion of the curve $pO_2 > 60$ mmHg aids in the loading of O_2 in the lungs. Large changes of pO_2 can be tolerated without significant change on O_2 -Sat.
- Steep portion of the curve $pO_2 < 60$ mmHg produces rapid off loading of O_2 bound to Hgb. O_2 -Sat decreases sharply with changes in pO_2 .

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OCCUPANCY
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What is your type?

- **A:** Type A persons are hard working, detail oriented and very organized. Earnest, creative, sensible, reserved, patient, responsible.
- **B:** Type B's are known to go "my way" and are individualistic, wild, active, doer, creative, passionate, strong.
- **O:** O's see the big picture and are dependable leaders, agreeable, sociable, optimistic.
- **AB:** Due to the combination of A and B, they are considered to be difficult to read, yet creative. Cool, controlled, rational, sociable.







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