REVIEW

Critical Analytical and Clinical Aspects of Ionized Calcium in Neonates

J. Wandrup

ARTICLES

Immunoradiometric Assay for γγ- and γγ'-Enolase (Neuron-Specific Enolase), with Use of Monoclonal Antibodies and Magnetizable Polymer Particles

Elisabeth Paus and Kjell Nustad

Simple Enzymatic Method for Determining 1,5-Anhydro-0-glucitol in Plasma for Diagnosis of Diabetes Mellitus

Masahiko Yabuuchi, Minoru Masuda, Kazuo Katoh, Tsuneo Nakamura, and Hiroshi Akanuma

Direct Solid-Phase Enzymoimmunoassay of Testosterone in Saliva

Katrina Howard, Marian Kane, Aidan Madden, James P. Gosling, and Patrick F. Fottrell

Stratus Automated Creatine Kinase-MB Assay Evaluated: Identification and Elimination of Falsely Increased Results Associated with a High-Molecular-Mass Form of Alkaline Phosphatase

Dominique Bonnefont, Alain Legrand, Jacqueline Peynet, Jacques Ermernt, Jacques Delatetre, and Andre Galli

Distribution of Thiobarbituric Acid-Reactive Substances in Lipoproteins and Proteins in Serum

Patrick J. Parsons, Noel V. Stanton, Elaine W. Gunter, Daniel Huff, John R. Meola, and Andrew A. Reilly

Monoclonal Antibody to the γ Chain of Human Fetal Hemoglobin Used to Develop an Enzyme Immunoassay

Hugo Moscoso, M. Shyamala, Charles R. Kierfer, and Fred A. Garver

Apolipoprotein E Phenotype Determined by Agarose Gel Electrophoresing and Immunoblotting

Ian F. W. McDowell, G. Brian Wisdom, and Elisabeth R. Trimble

Diagnostic Test for Mucopolysaccharidosis. II. Rapid Quantification of Glycosaminoglycan in Urine Samples Collected on a Paper Matrix

Chester B. Whiteley, Kari A. Draper, Charyl M. Dutton, Patricia A. Brown, Suzanne L. Severson, and Laura A. France

Mechanisms Responsible for Increasing Immunoreactivity of Apolipoprotein A-I with Storage: the Role of Oxidation

X. L. Wang, N. P. B. Dudman, J. Wang, and D. E. L. Wilcken

Solid-Phase Enzymoimmunoassay for Osteocalcin in Human Serum or Plasma, with Use of a Monoclonal Antibody

Michael J. Power and Patrick F. Fottrell

Specific Binding of Cardiac Glycoside Drugs and Endogenous Digitalis-like Substances to Particulate Membrane Fractions from Human Placenta

Anna Pacl, Franca Cocci, Francesca Pira, Giuliano Ciambelli, and Aldo Clerico

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Overview
This conference will examine our current knowledge base regarding critical care medicine, provide an overview of current clinical and laboratory practices, examine problems with present technologies and possible solutions to these problems, and assess clinical demands now and in the future. The conference will also address issues of cost/benefit relationships for various technologies, driving forces in the public and private sectors to develop and apply advanced technologies, and discuss issues relating to whom these life-extending and life-saving technologies are and should be applied. In collaboration with the Society of Critical Care Medicine, the American Association for Clinical Chemistry will bring together practicing clinical and laboratory scientists from academia and industry, from both public and private sectors to review the current status and speculate as to the future of critical care medicine.

Conference Facility
The Newport Beach Marriott Hotel and Tennis Club is perched on a bluff overlooking the “American Riviera.” Diversions including tennis, golf, sailing, fishing, and swimming are for your relaxation and enjoyment. Special rates will be available to conference attendees.

Continuing Education
This program is approved by the AACC for Category 1 ACCENT® Credit hours toward the Clinical Chemists’ Recognition Award.

The Society of Critical Care Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to sponsor Continuing Medical Education for physicians.

As an organization accredited for Continuing Medical Education, the Society of Critical Care Medicine designates this continuing education activity as meeting the criteria for credit hours in Category 1 of the Physicians Recognition Award of the American Medical Association.

Internationally Known Speakers
The conference faculty are all experts in their fields. Some of the speakers and topics covered will be:

Frank Cerra, M.D., University of Minnesota

Other Organ System Monitoring Critical for Survival of Critically Ill Patients
William Sibbald, M.D., Victoria Hospital

How Should New Technology be Introduced, Evaluated, and Financed?
William Shoemaker, M.D., UCLA and King-Drew Medical Center

What Can and Should be Monitored in a Critically Ill Patient?
Eric Rackow, M.D., St. Vincent’s Hospital and Medical Center of New York

Physiology of Blood Flow, Oxygenation, and Peripheral Tissue Oxygen Utilization

Sponsored by: American Association for Clinical Chemistry, Inc. For additional information contact: AACC Meetings Department, 2029 K Street, NW, 7th Floor, Washington, DC 20006, 202-887-0717, 800-882-1400, TLX: 251025 AACCUR, Fax: 202-887-5093