

Dr. Mark A. Kossick received in 2003 his Doctor of Nursing Science degree from the University of Tennessee Health Science Center - Memphis, College of Nursing. He completed his clinical residency in the electrophysiology laboratory at the University of Alabama at Birmingham (UAB). During his residency he developed a new modified chest lead (MAC1.). Dr. Kossick finished his anesthesia education in 1984 at Hamot Medical Center, Erie, Pennsylvania/Edinboro University, Edinboro, Pennsylvania. Over the past 20 years he has been on faculty at several universities (University of Kansas, UAB, University of Maryland, Union University).

Dr. Kossick is married and the father of three daughters. He is currently on faculty as a full professor at Western Carolina University, in Candler, North Carolina and serves as the Graduate Anesthesia Simulation Education and Research Coordinator. Over the past two decades he has lectured extensively across the country on ECG interpretation and the management of ischemia and arrhythmias. His lectures have addressed audiences at state and national meetings as well as graduate students and faculty as a visiting professor at other universities across the United States. Internationally he has lectured in London, United Kingdom, as well as Vienna, Austria. Dr. Kossick has also written a textbook and handbook on electrocardiography, is an author of two chapters in the textbook, *Nurse Anesthesia (Inhalation Anesthetics and Clinical Monitoring I: Cardiovascular System)*, and authored the antiarrhythmic chapter in the recently published textbook, *Pharmacology for Nurse Anesthesiology*. His professional memberships have included Sigma Theta Tau International, American Association of Nurse Anesthetists (AANA), International Society for Computerized Electrocardiology, and the International Association of Simulation in Healthcare. In 2006, Dr. Kossick was inducted into Ashtabula Harbor High School's Hall of Fame as an alumni recipient of the "Career Achievement Award," Ashtabula, Ohio.

In the past he has participated in medical mission work in Tatocac, Puebla, Mexico, served as 1) a member of the AANA Council on Recertification of Nurse Anesthetists, 2) chair of the AANA Education Committee, 3) an on-site reviewer for the Council on Accreditation of Nurse Anesthesia Educational Programs, 4) a reviewer for the AANA Journal, 5) an advanced education nursing grant reviewer for the Health Resources and Services Administration (HRSA) Bureau of Health Professions, 6) member of the AANA Foundation Research Committee, 7) the Director of Graduate Simulation Education for the Baptist Memorial Health Care Center of Excellence in Health Care Practice at Union University, 8) a member of Union University's IRB Committee, 9) the Nurse Anesthesia Program Director at the University of Maryland and Union University in Jackson, TN. Dr. Kossick was also honored for his scholarly accomplishments and promoted to Senior Fellow by the President of Union University. He currently resides in Biltmore Lake, North Carolina.



The University of Tennessee Nurse Anesthesia Concentration

Visiting Professor Series

Presents

Dr. Mark A. Kossick, CRNA, DNSc
Professor



Graduate Anesthesia Simulation
Education Coordinator
Western Carolina University
College of Health and Human Sciences
School of Nursing

February 11 & 12, 2012
Morrison's Conference Room
UT Medical Center

11 CE Credits Applied For From the AANA

Saturday, February 11, 2012

Implementing ECG Analysis Across the Continuum of Anesthesia Care

0755 Welcome - Dr. Donald Bell
Clinical Associate Professor and Program Director -
UT Nurse Anesthesia Concentration

Dr. Mark A. Kossick, CRNA, DNSc

8:00 Cardinal Skills for ECG Interpretation

9:00 ECG Criteria for Myocardial Injury and Computerized ST Segment Analysis

10:00 *Break*

10:15 Understanding Modified versus True Chest Leads

11:15 Diagnostic Criteria for Myocardial Infarction

12:15 *Lunch on your own*

13:15 The Derived 12 Lead ECG compared to the Conventional 12 Lead ECG; Practice Rhythm Strips & 12-leads

14:15 Axis Deviation, Hypertrophy

15:15 *Break*

15:30 Bundle Branch Blocks and Fascicular Blocks; Practice 12-leads

1630 Adjourn

7 CEC

Sunday, February 12, 2012

Principles of Cardiovascular Monitoring and Anesthesia for Valvular Surgery

0730 Registration - Mandatory Sign In - Continental Breakfast

0755 Welcome – Dr. Donald Bell

Dr. Mark A. Kossick, CRNA, DNSc

8:00 Understanding Hemodynamic Waveforms Relative to Physiology and Pathophysiology

0900 Critical Assessment and Interventions for Invasive Hemodynamic Data

1000 *Break*

1015 Pressure–Volume Loops and Valvular Heart Disease

1115 Anesthetic Management of Patients with Valvular Heart Disease

1215 Adjourn

4 CEC