

# WCU School of Nursing 2016 Critical Care Symposium

– Comprehensive Electrocardiography –

## Lecture Itinerary

0700

Registration - Mandatory Sign In - Continental Breakfast

0750

Welcome and Introduction

TBD

0800-0900

Cardinal Skills for Comprehensive EKG Interpretation

M. Kossick, DNSc, CRNA

- Review the 12-lead EKG system, dipole concept, and clinical applications of the normal morphology of EKG waveforms as well as options for EKG electrode placement

0900-1000

Computerized ST Segment Analysis in the ICU, ED, PACU, and OR

M. Kossick, DNSc, CRNA

- Identify the criteria for assessing EKG evidence of myocardial ischemia and injury
- Describe how to assess and modify the Iso point, J point, and ST point and how errors in measurement can produce iatrogenic injury

1000 Break

1015-1115

Understanding the Clinical Relevance of Modified Chest Leads versus True Chest Leads

M. Kossick, DNSc, CRNA

- Describe the most current recommendations for chest lead monitoring for myocardial injury
- Discuss variations for EKG lead placement with consideration for the use of modified chest leads

1115-1215

Derived 12 Lead and Diagnostic Criteria for Myocardial Infarction

M. Kossick, DNSc, CRNA

- Describe how to configure the derived 12 lead and recognize its clinical value and limitations
- Define EKG criteria for myocardial infarction

1215 Lunch

1315-1415

Practice 12 Lead EKGs and Rhythm Strips

M. Kossick, DNSc, CRNA

- Identify EKG criteria for anterior, inferior, lateral, and posterior myocardial ischemia, injury, and infarction

1415-1515

Diagnostic Criteria and Clinical Implications for Axis Deviation, Hypertrophy, Bundle Branch Blocks and Hemiblocks

M. Kossick, DNSc, CRNA

- Identify EKG evidence of axis deviation, ventricular hypertrophy, bundle branch blocks, and hemiblocks
- Describe the clinical implications of shifts in the heart's axis, hypertrophy, and bundle branch blocks

1515 Break

1530-1630

Practice 12-Lead EKGs and EKG Rhythm Strips

M. Kossick, DNSc, CRNA

- Diagnose faculty presented EKG rhythm strips and 12 Lead EKGs, reviewing the criteria by which each was identified

1630 Adjourn

*applying for 7 CEC*