DAY 1: Saturday Nov 5

700A – 715A Welcome Address – Partha Thirumala, MD; R. Joshua Sunderlin, MS, CNIM

715A – 745A Lecture: Modalities, Alarm Criteria, Significant Changes – (Partha Thirumala, MD)

745A – 815A Lecture: IONM Checklist (Spine, Cardiac) – (R. Joshua Sunderlin, MS, CNIM)

815A – 915A Interactive Case Studies: SSEP Fundamentals and cases (Krystal Kenny, CNIM)

915A – 930A Break 15 min

930A – 1030A Demonstrative Session: Creating tests on Specific Equipment for Specific Procedures #1 (Andrew Moyer, CNIM)

1030A – 1100A Lecture: Skull Base Surgery & IOM (Georgios Zenonos, MD or Paul Gardner, MD)

1100A – 1130A Interactive Case Studies: TcMEP cases (Varun Shandal, MD, and Jonathan Drumheller, CNIM)

1130A – 1230P Lunch

1230P – 130P Lecture: TcMEPs in Pediatric Population (Vizmary Montes-Peña, PhD)

130P – 230P Workshop: Cadaver lab – placing SSEP/TcMEP/EEG/BAER electrodes (Dreux Priore, MS, R.EEG T and Anthony Gossett, CNIM)

230P – 330P Demonstrative Session: Creating tests on Specific Equipment for Specific Procedures #2 (Joseph Laneve, DPT, CNIM)

330P – 345P Break 15 min

345P – 445P Interactive Case Studies: IONM for stroke detection in Cardiovascular cases (Ibrahim Sultan, MD and Katherine Anetakis, MD)

445AP – 515P Interactive Case Studies: IONM troubleshooting – Can you identify the technical problem? (Andrew Moyer, CNIM)

515P Adjournment Day 1

7P – 9P Meet and Greet at Hotel
DAY 2: Sunday Nov 6

700A – 715A  Welcome Address Day 2 – Partha Thirumala, MD; R. Joshua Sunderlin, MS, CNIM

715A – 815A  Lecture: Anesthesia, Physiology, and IOM (Brian Gierl, MD)

815A – 915A  Interactive Case Studies: Skull base procedures (Partha Thirumala, MD, and R. Joshua Sunderlin, MS, CNIM)

915A – 930A  Break 15min

930A – 1030A Demonstrative Session: Creating tests on Specific Equipment for Specific Procedures #3 (Andrew Moyer, CNIM)

1030A – 1130A Interactive Case Studies: Neuroendovascular Procedures (Brad Gross, MD and Jeffrey Balzer, PhD)

1130A – 1230P Lunch

1230P – 130P Lecture: Spinal Cord Injury Preclinical Models (Marco Capogrosso, PhD)

130P – 230P Workshop: Cadaver lab – Cranial Nerve EMG Placement (Greg Adams, CNIM)

230P – 330P Demonstrative Session: Creating tests on Specific Equipment for Specific Procedures #4 (Andrew Moyer, CNIM)

330P – 345P Break 15min

345P – 445P Interactive Case Studies: Craniotomy with mapping (Pascal Zinn, MD, and Shane Gordon, CNIM)

445P – 515P Lecture: Medicolegal must knows for IONM providers – Jeffrey Balzer, PhD

5:15P Adjournment Day 2 (Course adjournment)
Faculty:

Greg Adams, CNIM - Procirca Center for Clinical Neurophysiology
Katherine Anetakis, MD – University of Pittsburgh Department of Neurological Surgery
Jeffrey Balzer, PhD – University of Pittsburgh Department of Neurological Surgery
Marco Capogrosso, PhD - University of Pittsburgh Department of Neurological Surgery
Jonathan Drumheller, CNIM - Procirca Center for Clinical Neurophysiology
Paul Gardner, MD - University of Pittsburgh Department of Neurological Surgery
Brian Gierl, MD - University of Pittsburgh Department of Anesthesia
Shane Gordon, CNIM - Procirca Center for Clinical Neurophysiology
Anthony Gossett, CNIM – Procirca Center for Clinical Neurophysiology
Bradley Gross, MD - University of Pittsburgh Department of Neurological Surgery
Krystal Kenny, CNIM – Clinical Quality and Education Director for Real Time Neuromonitoring Associates
Joseph Laneve, DPT, CNIM – Supervisor IONM at West Virginia University Medicine
Vizmary Montes-Peña, PhD – Neurophysiologist with National Guard Health Affairs, Saudi Arabia
Andrew Moyer, CNIM – Director, Neurological Services for Procirca Center for Clinical Neurophysiology
Dreux Priore, MS, R.EEG T - Procirca Center for Clinical Neurophysiology
Varun Shandal, MD - University of Pittsburgh Department of Neurological Surgery
Ibrahim Sultan, MD – University of Pittsburgh Department of Cardiovascular Surgery
R. Joshua Sunderlin, MS, CNIM – Director of Education for Procirca Center for Clinical Neurophysiology
Partha Thirumala, MD - University of Pittsburgh Department of Neurological Surgery
Georgios Zenonos, MD - University of Pittsburgh Department of Neurological Surgery
Pascal Zinn, MD - University of Pittsburgh Department of Neurological Surgery