Day 1: 11 January, Wednesday (Critical Care)

·         Respiratory monitoring (Spirometry/Capnography) – (theory and hands-on)

·         Ventilation modes (theory and hands-on)

·         Respiratory Case Studies

·         Clinical troubleshooting of the ICU ventilator

Day 2: 12 January, Thursday (Periop)

·         Overview: evolution of the anesthesia machine - from mechanical to fully digital

·         AAGBI Pre-anesthesia check (PAC)

·         Lab/Hands-On: PAC

·         Shockable Cardiac Arrest

·         Atelectasis and Lung Recruitment (theory and hands-on)

Day 3: 13 January, Friday (Periop)

·         2015 Difficult Airway Algorithm (theory and hands-on)

·         Anesthesia specialty monitoring: Entropy and Neuromuscular Transmission/Train-of-four (NMT/TOF) (theory and hands on)

·         Malignant Hyperthermia (hands-on)

·         Aspiration (hands-on)

·         Pediatric/Neonatal Anesthesia module: Mapleson breathing circuits and airway management (pilot testing was successful in December).