

SMBE NSW Inc 2018 Country Technicians' Training Seminar



Opening session:

- Hospital acquired complications and their relevance to biomed/equipment management and patient outcomes – Anthony Poulton, Cardinal Health

Australian Biomedical Innovation Award Session:

- Introduction – Peter Deliopoulos, PD Medical
- Medical IT Training Simulator – Simon Cowley, Royal Melbourne Hospital
- EVE: A platform to support expectant mothers throughout their pregnancy journey – Josh Farrington, Cabrini Technology
- Six small innovations - Chris Koplick, Mater Health
- The BTS Biomedical Technician Cadetship - Nathan Norman

Measurements and Maintenance Session

- A history of units - measurement in the medical sphere – Ian Littler, National Measurements Institute
- BME in renal dialysis – Edward Li and Donald Hazra, Royal Prince Alfred Hospital
- Principles of rigid telescopes in laparoscopy and technical troubleshooting techniques for broken scopes - Frankie Lam, NSW HealthShare

Technical Topics Sessions

- An adaption to enrich a neonatal ventilator circuit with volatile anaesthetic agent - Steven Threlfo, formerly John Hunter Hospital
- 3D printing in the medical world – Mike Flood, Locus Consulting
- Oxygen concentrators: Principles and maintenance - Kelvin Sawyer, Keltech BME Services
- Modification of an AISYS anaesthetic machine for simulation use - Steven Threlfo, formerly John Hunter Hospital
- Cuff-less NIBP measurement – Owen Byrnes, Northern NSW LHD
- The BP cuff tester and new devices – Ian Davies, Latrobe Regional Hospital

Clinical Topics Session

- Basic Anatomy & Physiology for BME: Season 1, Episode 2 – Dr Kerry Newlin, MN Consulting
- Collaboration between medical device manufacturers and cleaning and disinfectant providers - Martin Kiernan, GAMA Healthcare
- FD-NIRS as an indicator of Hypoxic-Ischemic Encephalopathy: Final episode – Dani Forster, Melbourne University

Book launch

- Evidence based medical devices: Book launch – Aaron Whybrow, ARW Financial Services

Healthcare IT Session

- The integration of various devices, sensors, software and systems to enable a new model of patient care in the home – Josh Farrington, Cabrini Health
- Cybersecurity of medical devices – Simon Cowley, Royal Melbourne Hospital
- Video latency in laparoscopic and robotic surgery – David Brown, NSW HealthShare

BME in Remote Areas and Developing Countries Session

- Medical connectivity in remote Australia: Design rules and risk management – Michael Smith, Med Equipment Mgt
- Working overseas and dealing with 110V equipment in a 240V environment – Kelvin Sawyer, Keltech BME Services
- Current state of play in Australian development aid – Bruce Morrison, MN Consulting

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Training and Procurement Session

- An update on The Medical Room's biomedical technical training programme and their progress towards accreditation in Australia
- Other BME courses in Australia – Bruce Morrison, MN Consulting
- Strategic procurement in NSW Health – a new paradigm – Susie Giddey, NSW HealthShare

Tuesday afternoon concurrent hands-on training workshops facilitated by the vendors

- Workshop topics and vendors TBA

Note: Workshops are 60 - 75 minutes in length and delegates can select one of the three workshops being presented.