

Dr Michelle Christy Myburgh

ACADEMIC AND CLINICAL PROFILE

Dr Michelle Christy Myburgh is a clinician-educator and academic with recognised expertise in paediatric emergency care, resuscitation science, clinical simulation, and health professions education. She has held senior clinical leadership roles in both the public and private healthcare sectors and has made substantial international scholarly contributions through authorship of International Liaison Committee on Resuscitation (ILCOR) consensus statements and systematic reviews that directly inform global resuscitation guidelines. She is the current national chair for Paediatric advanced life support for the Resuscitation council of Southern Africa.

Her academic work spans clinical governance, acute and emergency care systems, paediatric resuscitation science and simulation-based education, underpinned by doctoral-level training in health professions education.

EDUCATION AND QUALIFICATIONS

- PhD , Health Professions Education - University of the Free State (UFS), South Africa (2026)
- MSc Paediatric Emergency Medicine (Distinction) - University of Edinburgh, United Kingdom (2020)
- Postgraduate Diploma in Healthcare Management and Leadership - Eaton Business School (2021)
- Diploma in Primary Emergency Care (DipPEC SA) - Colleges of Medicine of South Africa (2023)
- Fellowship of the College of Emergency Medicine (FCEM Part I) - Colleges of Medicine of South Africa (2016)
- MBChB - University of the Free State (2009)

PROFESSIONAL APPOINTMENTS AND LEADERSHIP

- **Head of Emergency Department**, Mediclinic Bloemfontein (2019-2023)
 - Member of hospital core executive and strategic planning team
 - Led emergency department redesign, patient flow optimisation, and trauma system development
 - Coordinated private hospital COVID-19 response strategy
- **Chief Medical Officer**, Aerocare (2017-2018)
 - Oversight of fixed-wing critical care transfers
- **Head of Trauma and Resuscitation**, 3 Military hospital (2023-current)
 - Strategic planning and implementation for the designated UN level 4, center of excellence.

TEACHING, EDUCATION, AND FACULTY DEVELOPMENT

Undergraduate and Postgraduate Teaching

- Paediatric emergency medicine for final year MBChB students.
- Paediatric emergency medicine simulations for Paediatric registrars as part of critical care rotation.
- Resuscitation education and advanced life support post-graduate training.
- Post-graduate training for professional nurses regarding paediatric emergency management.

Instructor and Faculty Roles

- **Basic Life Support (BLS)** Instructor (2015-current)
- **Advanced Trauma Life Support (ATLS)** Instructor (2016- current)
- **Advanced Cardiac Life Support (ACLS)** Instructor (2017-current) and National Faculty (2023-current)
- **Paediatric Advanced Life Support (PALS)** Instructor (2017-current) and National Faculty (2021 to current)
- Current **PALS executive chair** for Resuscitation Council of South Africa (RCSA)
- **ACLS for Experienced Providers (ACLS-EP)** Instructor: 2021- Current

RESEARCH AND SCHOLARLY ACTIVITY

National and International Guideline and Consensus Work

- Active contributor to National resuscitation guidelines for the Resuscitation Council of Southern Africa (2025 publication)
- Active contributor and member of ILCOR Paediatric Life Support Task Force
- Author on systematic reviews, evidence updates, and international consensus statements forming the scientific basis of global resuscitation guidelines of Care and Outcomes.

AWARDS AND ACADEMIC DISTINCTIONS

- Multiple undergraduate academic prizes
- Academic distinction: MSc Paediatric Emergency Medicine (Distinction)