



DEPARTMENT OF ANAESTHESIA
& PERIOPERATIVE MEDICINE

UNIVERSITY OF CAPE TOWN

Research Day

Friday 3rd November 2023
D23 Groote Schuur Hospital



Introduction and welcome	Prof B Biccard	10:30-10:35
Session 1: Perioperative Outcomes		
Introduction and overview	Prof B Biccard	10:35-10:40
Pharmacokinetic and Pharmacodynamic Changes in the Elderly: Impact on Anaesthetics	E Coetzee	10:40-10:50
POISE III trial: Hypotension-avoidance versus hypertension-avoidance strategies in noncardiac surgery: an international randomized controlled trial	B Biccard	10:50-11:00
Mapping anaesthesia-related randomised controlled trials in Sub-Saharan Africa: a scoping review	L Collier	11:00-11:10
Session 2: Patient Blood Management & Point of Care Ultrasound		
Introduction and overview	M Gibbs	11:10-11:15
A perspective on patient blood management in a resource limited setting	M Gibbs	11:15-11:25
Point of care ultrasound findings in critically ill SARS-COV2 patients in an HIV endemic, resourced constrained setting	M Jagga	11:25-11:35
Improving documented informed consent for peripheral nerve blocks at a tertiary level hospital in South Africa: A quality improvement project	R Burger	11:35-11:45
Session 3: Obstetric Anaesthesia		
Introduction and overview	C Pfister, M Crowther	11:45-11:50
Global obstetric anaesthesia	N Fernandes	11:50-12:00
ObAMR-VL: Assessing a video laryngoscopy quality score for obstetric intubation	Prof R Hofmeyr, Van Tonder	12:00-12:10
Lunch		12:10-13:10
Session 4: PhD Progress Updates		
Introduction and overview	C Alphonsus	13:10-13:15
The influence of a manipulation of threat on experimentally- induced secondary hyperalgesia	G Bedwell	13:15-13:25
Endoscopic tracheal dilatation research update	Prof R Hofmeyr	13:25-13:35
Quality Improvement project to reduce haemorrhage during and after caesarean section in South Africa	M Crowther	13:35-13:45
Implementation of a Better Care Bundle for hip and knee arthroplasty	U Plenge	13:45-13:55
Developing a pain program for paediatric anaesthesia fellows in Sub-Saharan Africa	A Bhattay	13:55-14:05
Session 5: Paediatric Anaesthesia		
Introduction and overview	A Bhattay	14:05-14:10
The STEER study: working with the world's most expensive drug	R Gray	14:10-14:20
Paediatric procedural sedation in African clinical settings: A mixed methods study of African providers' sedation practices	R Gray	14:20-14:30

Session 6: Critical Care and Extreme Physiology		
Introduction and overview	M Miller	14:30-14:35
CATS vs RATS: Prehospital tourniquet comparison in an austere environment	Prof R Hofmeyr	14:35-14:45
Patient selection for ECMO - Assessment of team dynamics on a Whatsapp platform	N Fernandes	14:45-14:55
Mixed methods study for combining stakeholder led rapid evaluation with near real time continuous registry data to facilitate evaluation of quality of care related to sedation in ICU in a tertiary academic hospital in SA	S Kleyn, D Wagstaff	14:55-15:05
The Groote Schuur Hospital Neurosurgical Intensive Care Unit: A 2-year experience	S Rashid	15:05-15:15
Tea		15:15-15:35
Session 7: Pain		
Introduction and overview	Prof R Parker	15:35-15:40
Understanding Pain: writing a patient centred textbook on pain	R Parker	15:40-15:50
NMDA-targeting interventions for secondary hyperalgesia: a systematic review and meta-analysis	L Mqadi	15:50-16:00
PAIN OUT: how well are managing pain in women post C-section	D Giles, D Legutko	16:00–16:10
Session 8: Collaborative Research Projects		
Introduction and overview	Prof R Dyer	16:10-16:15
An overview of all the current collaborative research	M Flint	16:15-16:25
NIHR Global Group for Perioperative and Critical Care update	Prof B Biccard	16:25-16:35
PENGUIN pilot trial data	S Gumede	16:35-16:45
Snacks		16:45-17:05
Introduction to Gaisford Harrison Memorial Lecture	Prof J Swanevelder	17:05-17:10
Guest speaker – <i>“Academic Leadership- different forms and roles”</i>	Reno Morar	17:10-18:00
Questions and Closing		18:00-18:10

All attendees are cordially invited to enjoy drinks and snacks after the Gaisford Harrison Memorial Lecture, in the Departmental tearoom.