

**FCA Part I Anaesthetic Refresher Course 2024 Program
University of the Witwatersrand**

November	Monday 18th	Tuesday 19th	Wednesday 20th	Thursday 21st	Friday 22nd
	Chair: Prof Motshabi	Chair: Dr Dale	Chair: Dr Mogane	Chair: Dr Sehlapelo	Chair: Dr Manjooran
07:30-08:00	Registration & Welcome				
08:00-08:40	CO monitors Prof P Motshabi	Physiology of CSF flow Dr L Nkile-Fletcher	Life coach session	Haemoglobin physiology Dr L Indiveri	Hepatic physiology & failure Dr M Gayaparsad
08:40-09:20	VA coupling Dr L Brannigan	Intracranial pressure monitoring & mx Dr M Dlamini	Electricity for the anaesthetist Dr C Buck	Spectroscopy & applications Dr S Dingezweni	The stomach pharmacology & physiology Dr A Mamoojee
09:20-10:00	Autonomic reflexes Dr J Dhulab	Drugs for cerebral protection Dr Mashinini	Lasers, fires & diathermy Dr M Khalpey	Manufacture & storage of gases Dr D Nel	Metabolic changes in starvation Dr L Fombad
10:00-10:15	TEA	TEA	TEA	TEA	TEA
	Chair: Dr Jooma	Chair: Dr Dlamini	Chair: Dr Khalpey	Chair: Dr Dingezweni	Chair: Dr Sehlapelo
10:15-10:30	Trade -	Trade -	Trade -	Trade -	Trade -
10:40-11:20	FCA approach & questions Dr Howard Radford	EEG & awareness monitoring Dr G Coetzee	The endothelial glycocalyx Dr E Dale	Hypoxia & respiratory equations Dr Ngwenya	Anti diabetic agents Prof Analee Milner
11:20-12:00		Pathophysiology of chronic pain Dr MJ Khumalo	Fluid & blood product pharmacology Dr N Biyase	West Zones Dr Z Dadabhay	The kidney in acid-base control Dr M Eagar
12:00-12:40	Pacemakers & defibrillators Dr A Keene	Analgesia for chronic pain Dr R Maja	Physiology of exercise Dr L Duncan	Ventilator graphics Dr S Waghmarae	Renal perfusion & metabolism Dr J Steynberg
12:40-13:15	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH
	Chair: Dr Leballo	Chair: Dr Mahomed	Chair: Dr Biyase	Chair: Dr Manjooran	Chair: Prof Motshabi
13:15-13:30	Trade -	Trade	Trade -	Trade -	Trade -
13:30-14:10	Agents for ST control of blood pres Dr G Manjooran	Laws in physics Dr N Fening	Basics of study designs Dr M Kelabepile	Pharmacokinetics Dr E Welch	ABG analysis Dr T Leonard
14:10-14:50	BP pressure monitoring Dr G Leballo	Mathematics for anaesthetists Dr M Fortounas	Financial talk Investec	Pharmacodynamics Dr E Welch	
14:50-15:00	STRETCH BREAK	STRETCH BREAK	STRETCH BREAK	STRETCH BREAK	CLOSURE
15:00-15:15	Chair: Dr Leballo	Chair: Dr Jooma	Chair: Dr Biyase	Chair: Dr Dale	Prof P Motshabi
	Trade	Trade	Trade	Trade	
15:15-16:00	Lactate physiology Dr Palesa Mogane	Humidity & filters Dr S Mahomed	Ethics Prof Lundgren	Drug interactions Dr Z Jooma	

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