



DEPARTMENT OF ANAESTHESIA
& PERIOPERATIVE MEDICINE
UNIVERSITY OF CAPE TOWN

ANNUAL NATIONAL PART I ANAESTHETIC REFRESHER

EXCLUSIVE ONLINE EVENT 10-14 NOV 2025

Programme [HERE](#)

Register [HERE](#)

COST:

Before 1 SEPT - R5 500;
thereafter R6 200



Registration includes access to a
PDF copy of the Notes Book

CPD POINTS:
30 clinical points





EXCLUSIVE
ONLINE
EVENT

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PROGRAMME

MON 10 NOV

08:00 - 08:30	Intro, Exam structure, Study tips	K Bergh
08:30 - 09:10	Pharmacokinetic principles	G Wilson
09:10 - 09:50	Pharmacodynamic principles	E Coetzee
09:50 - 10:05	TEA	
10:05 - 10:45	Coagulation physiology	R Duys
10:45 - 11:25	Coagulation pharmacology	F van Heyningen
11:25 - 12:05	Tests of coagulation	L Jacobs
12:05 - 12:20	Online Trade Exhibition	
12:20 - 13:00	LUNCH	
13:00 - 13:40	Diffusion, osmosis, and solubility	K Bester
13:40 - 14:20	Pulse oximetry, capnography, and gas analysis	C Pfister
14:20 - 14:25	Online Trade Exhibition	
14:25 - 14:40	TEA	
14:40 - 15:40	Q&A	J Purcell-Jones

TUES 11 NOV

08:00 - 08:05	Intro	
08:05 - 08:45	Physiology and pharmacology of the neuromuscular junction	F Ndlovu
08:45 - 09:25	Testing of the neuromuscular junction	P Moodley
09:25 - 09:40	TEA	
09:40 - 10:20	Ultrasound and the Doppler principle	A Prempeh
10:20 - 11:00	Cardiovascular physiology	I Adembesa
11:00 - 11:40	Cardiovascular reflexes	P Nkosi
11:40 - 11:55	Online Trade Exhibition	
11:55 - 12:35	LUNCH	
12:35 - 13:15	Physiology and monitoring of raised ICP	C Arnold-Day
13:15 - 13:55	New Oral DM Agents	M James
13:55 - 14:35	Haemoglobin Physiology	H Meyer
14:35 - 14:40	Online Trade Exhibition	
14:40 - 14:55	TEA	
14:55 - 15:55	Q&A	E Cloete



WED 12 NOV

08:00 - 08:05	Intro	
08:05 - 08:45	Gas laws	C Alphonsus
08:45 - 09:25	Vapour pressure and vaporisers	C Lake
09:25 - 10:05	Inhalational anaesthetics	K Kemp
10:05 - 10:20	TEA	
10:20 - 11:00	How medications affect renal physiology	M Gayaparsad
11:00 - 11:40	Physiology of the autonomic nervous system	L Dougall
11:40 - 11:55	Online Trade Exhibition	
11:55 - 12:35	LUNCH	
12:35 - 13:15	Acid base physiology	I Joubert
13:15 - 13:55	Pain physiology	R Parker / T Madden
13:55 - 14:35	The cyclo-oxygenase system and the medications affecting it	U Plenge
14:35 - 14:40	Online Trade Exhibition	
14:40 - 14:55	TEA	
14:55 - 15:55	Q&A	A Carpenter

THURS 13 NOV

08:00 - 08:05	Intro	
08:05 - 08:45	Work, energy, and power	A Reed
08:45 - 09:25	Electricity	D van Dyk
09:25 - 09:40	TEA	
09:40 - 10:20	Antibiotics	M Miller
10:20 - 11:00	Pressure, flow and volume	A Ernst
11:00 - 11:40	Stats	C Simons
11:40 - 11:55	Online Trade Exhibition	
11:55 - 12:35	LUNCH	
12:35 - 13:15	Cold physiology	R Hofmeyr
13:15 - 13:55	Placental physiology	K Bergh
13:55 - 14:35	Transitional physiology	R Gray
14:35 - 14:40	Online Trade Exhibition	
14:40 - 14:55	TEA	
14:55 - 15:55	Q&A	M Nejthardt

FRI 14 NOV

08:00 - 08:05	Intro	
08:05 - 08:45	Electrical potentials and excitable tissues	K Singata
08:45 - 09:25	Physiology of control of cardiac rate and conduction	F Montoya
09:25 - 09:40	TEA	
09:40 - 10:20	Intermediate Metabolism	M James
10:20 - 11:00	Respiratory physiology	R Raine
11:00 - 11:40	Pulmonary function tests	A de Vaal
11:40 - 11:55	Online Trade Exhibition	
11:55 - 12:35	LUNCH	
12:35 - 13:15	Liver function tests	D Batty
13:15 - 13:55	Hypothalamic pituitary adrenal axis	G Nethathe
13:55 - 14:35	Non steroid hypothalamic pituitary adrenal axis overview	J Van der Walt
14:35 - 14:40	Online Trade Exhibition	
14:40 - 14:55	TEA	
14:55 - 15:55	Q&A	T Kallenbach