



**College of Anaesthesiologists &
Intensivists of Sri Lanka**

Preparatory course for MD Anaesthesiology Part 1B

Kandy & Peradeniya

Starting on 13th & 14th July 2019

Every other weekend until end of September 2019

Venue: Auditorium, Sirimavo Bandaranaike Children's Hospital, Peradeniya.

July 2019	13 th Saturday	14 th Sunday	27 th Saturday	28 th Sunday
August 2019	10 th	11 th	24 th	25 th
September 2019	7 th	8 th	21 st	22 nd

1st weekend

13th July 2019 (Physics)

0800-0900	1h	Noninvasive blood pressure measurement	Dr. Ravi Weerakoon
0900-1000	1h	Electricity & Magnetism	Dr. Saman Karunathilaka
1000-1015		Tea	
1015-1115	1h	Electrical safety and Theatre Hazards	Dr. Saman Karunathilake
1115-1215	1h	IBP	Dr. Ravi Weerakoon
1215-0100pm		Lunch	
0100-0200	1h	Temperature Measurement	Dr. Saman Karunathilaka
0200-0300	2h	Cardiovascular Monitoring	Dr. Jagathi Perera
0300-0315		Tea	
0315-0415		Cardiovascular Monitoring	Dr. Jagathi Perera

14th July 2019 (Physics)

0800-1000	2h	Blood gas electrodes	Dr. Rochana Perera
1000-1015		Tea	
1015-1115	1h	Gas Laws	Dr. Rochana Perera
1115-1215	1h	Flow & volume measurements	Prof. Vasanthi Pinto
1215-0115pm		Lunch	
0100-0200	1h	Humidifiers & Nebulizers	Dr. Sidarshi Kiriwaththuduwa
0200-0300	1h	Pulseoxymetry & Capnometry	Dr. Sidarshi Kiriwaththuduwa
0300-0315		Tea	
0315-0415	1h	Vaporizers	Dr. Indira Gunarathne

2nd weekend

27th July 2019 (Physiology)

0800-1000	2h	Respiratory Physiology Lung mechanics	Prof. Vasanthi Pinto
1000-1015		Tea	
1015-1215	2h	Gas exchange in lungs	Prof. Vasanthi Pinto
1215-0115pm		Lunch	
0100-0200	1h	Control of respiration	Dr. Asanga Basnayake
0200-0300	1h	Carriage of Oxygen & CO ₂ in blood	Dr. Asanga Basnayake
0300-0315		Tea	
0315-0415	1h	Liver Physiology	Dr, Aruni Jayasekara

28th July 2019 (Physiology)

0800-1000	2h	Renal physiology	Dr. Indu Nanayakkara
		Tea	
1015-1115	1h	Physiology in special environments	Prof. Vasanthi Pinto
1115-1215		Calcium Homeostasis	Dr. Sameera Wasala
		Lunch	
0100-0200	1h	Autonomic NS, Valsalva	Dr. Sameera Wasala
0200-0300	2h	Physiology of pain	Dr. Sidarshi Kiriwaththuduwa
		Tea	
0315-0415		Physiology of Pain + Nebulizers	Dr. Sidarshi Kiriwaththuduwa

3rd weekend10th August 2019 (Pharmacology>>Physiology)

0800-1000	2h	Pharmacokinetics	Dr. Jagathi Perera
		Tea	
1015-1215	2h	Lung function tests	Dr. Lakmini Perera
		lunch	
0100-0200pm	1h	Neuromuscular blockers and reversals	Dr. Lakmini Perera
0200-0300	1h	Modes of action of drugs	Dr. Jagathi Perera
		Tea	
0315-0415	1h	Receptors	Dr. Jagathi Perera

11th August 2019 (Physiology)

0800-1000	2h	Cardiovascular Physiology	Dr. Anurangani Vithana
		Tea	
1015-1215	2h	Acid Base physiology	Dr. Rochana Perera
		lunch	
0100-0200pm	1h	Renal function tests	Dr. Anura Abeysundara
0200-0300	1h	Haemostasis	Dr. Anura Abeysundara
		Tea	
0315-0415	1h	Exercise physiology	Dr. Anurangani Vithana

4th weekend24th August 2019 (Physiology)

0800-0900	1h	Body fluids and electrolyte balance	Dr. Ravi Weerakoon
0900-1000	1h	shock	Dr. Saman Karunathilaka
		Tea	
1015-1115	1h	CBF and ICP	Dr. Ravi Weerakoon
1115-1215	1h	Temperature regulation	Dr. Priyantha Dissanayake
		Lunch	
0100-0200pm	1h	Metabolic response to surgery/ trauma	Dr. Priyantha Dissanayake
0200-0300	2h	Maternal & Foetal Physiology	Dr. Kapila Hettiarchchi
		Tea	
0315-0415		Maternal & Foetal Physiology	Dr. Kapila Hettiarchchi

25th August 2019 (Pharmacology, Physics, Physiology)

0800-1000	2h	Statistics	Prof. Vasanthi Pinto
		Tea	
1015-1215	2h	Pharmacodynamics	Dr. Upeka Dayarathne
		Lunch	
0100-0200pm	1h	Physiology of nerves and muscles	Dr. Upeka dayarathne
0200-0300	1h	Neuromuscular transmission	Dr. Upeka Dayarathne
		Tea	
0315-0415	1h	Anticoagulants, antiplatelets, antifibrinolytics	Dr. Saman Nanayakkara

5th Weekend

7th September 2019 (Physics>>Pharmacology)

0800-1000	2h	Gas & Vapour Analysis	Dr. Nandika Wanigasinghe
		Tea	
1015-1115	1h	Neuromuscular Monitoring	Dr. Nandika Wanigasinghe
1115-1215	1h	Anti emetics	Dr. Kapila Hettiarachchi
		Lunch	
0100-0200	1h	CT/ MRI/ LASER	Dr. JJ Wanigarathne
0200-0300	1h	US and Doppler	Dr. JJ Wanigarathne
		Tea	
0315-0415	1h	Transducers, recorders, Display units	Dr. Manoj Medagama

8th September 2019(Physics)

0800-0900	1h	Biological Potentials	Dr. Manoj Medagama
0900-1000	1h	Graphs & exponentials	Dr. Manoj Medagama
		Tea	
1015-1215	2h	Principles of Measurements	Dr. Pandula Jayathilake
		Lunch	
0100-0200	1h	Anaesthetic machine & Scavenging	Dr. JJ Wanigarathne
0200-0300	1h	Breathing circuits.	Dr. JJ Wanigarathne
		Tea	
0315-0415	1h		

6th Weekend

21st September 2019(Pharmacology)

0800-0900	1h	IV Anaesthetic Agents	Dr. Prabath Dayarathne
0900-1000	1h	Uterine contractors & Tocholytics	Dr. Prabath Dayarathne
		Tea	
1015-1115	1h	Opioid	Dr. Sakunthala Peiris
1115-1215	1h	Non Opioid analgesics	Dr. Aruni Jayasekara
		Lunch	
0100-0300	2h	Inhalational Anaesthetics	Dr. Sameera Wasala
		Tea	
0315-0415	1h	Local Anaesthetics	Dr. Saman Nanayakkara

22nd September 2019(Pharmacology>>Physics)

0800-0900	1h	Insulin, Oral antidiabetics	Dr. Deepani Wijesinghe
0900-1000	1h	Drugs in Ashma, Antihistamines	Dr. Deepani Wijesinghe
		Tea	
1015-1115	1h	Isomers	Dr. Anura Abeysundara
1115-1215	1h	Anticonvulsants, antidepressants	Dr. Indira Gunarathne
		Lunch	
0100-0300pm	1h	Pressure measurements and regulators	Dr. Asoka Wijayananda
		Tea	
0315-0415	1h	Antiarrhythmics	Dr. Saman Nanayakkara

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