

04/09/2019



**Tasmanian
Government**

**Launceston General Hospital
Emergency**

**ACEM Primary Exam
Integrated Viva
31oct – 1st Nov 2019**

For queries please contact

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Oral Exam (Integrated Viva)

Oral exam (integrated Viva) next sitting is 31st Oct – 1st Nov 2019.

All consultants have been informed and all are willing to help.

Lucy, Paul, Marcus assessment and advice would be more valid as they regularly examine primary exam candidates.

The onus is on you to organise time with any consultant for viva practice.

There will be Mock Exams on following dates, and I'll remain in touch regarding times etc.

22/10/2019: LGH staff office area

24/10/2019: LGH staff office area

29/10/2019: LGH staff office area

A lot of efforts go into preparation of viva questions. Please attend and take advantage of these opportunities.

Please make sure you guys are aware of ACEM eLearning portal for Integrated Viva resources including many past exam papers.

Farida have printed and sorted many resources into 5 sections i.e.

Primary Vivas General
Primary Vivas Anatomy
Primary Vivas Physiology
Primary Vivas Pathology
Primary Vivas Pharmacology

FACTS

Looking at the trend from previous exams, ACEM almost guarantee you few things

1: Each chapter has certain percentage weightage for exam e.g. Anatomy upper limb 25%.

2: 95% of the exam revolves around LOA 1 topics

3: Hence the best approach is to master level 1 and level 2 topics from high percentage chapters first and then level 1 topics only from the rest of the chapters.

Please look at attached pdf file for LOA 1 topics from each chapter-----Very important to know them.

As you would see in the list at the end of this document, 95% of the viva is from level 1 topics. Most of level 2 and 3 topics you would be able to answer in gross details anyway. Hence concentrate on level 1 topics mainly.

You'll see its extremely rare to get level 3 topics in Viva

Among level 1, lot of topics are repeated

ACEM Primary Oral Exam (Integrated Viva)

KEY DETAILS

Duration: 40 minutes (4 x 10minute stations) although approx. 1 hour including examiner marking time.

Method: Verbal stations based on the four basic science subjects.

Maximum no. of attempts: 3

Location: AMC National Test Centre, Melbourne

Fee for 2019: AUD \$2106

Exam dates

Next sitting

31 October – 1 November 2019

Applications open: 12 August 2019

Applications close: 6 September 2019

Future sittings

7 – 8 May 2020

Applications open: 10 February 2020

Applications close: 6 March 2020

5 – 6 November 2020

Applications open: 10 August 2020

Applications close: 4 September 2020

How to prepare for the Primary Exams

ACEM provides an extensive range of online resources featuring past papers, past exam reports, and much more. These are all now located on eLearning under 'Resources for Trainees'.

LEVELS OF ASSESSMENT

Each topic in the primary syllabus has been assigned one of the following three levels of assessment:

Level of assessment 1 (LOA 1)

In general, these topics have a strong relation to, such that they underpin or are core to areas of the fellowship curriculum designated “expert” or “high level of practice”. As such, they will be **eligible to be assessed in depth** both in the MCQ and viva components of the primary examination. These topics are considered essential knowledge. Candidates should demonstrate a detailed knowledge and understanding of the topic including the ability, where relevant, to use formulae, construct graphs and use diagrams to explain concepts.

Level of assessment 2 (LOA 2)

In general, these topics have a relation to areas of the fellowship curriculum designated “high level of practice” and, as such, these topics are of importance in emergency medicine. Candidates should demonstrate a good understanding of key concepts related to these topics. These topics will be eligible for being **assessed in some detail**, both in the MCQ and viva components of the primary examination.

Level of assessment 3 (LOA 3)

In general, these topics relate to areas of the fellowship curriculum designated as “general level of practice”. Questions will assess knowledge and comprehension only. Topics at this level will be examined less frequently than LOA 1 and LOA2. Candidates will demonstrate a basic understanding of the overarching concepts and a knowledge of the general principles involved in the topic **without the need for fine detail**.

MODELS

The following is a representative list of the models used in the examination. This is not a complete list and additional or alternate models may be used.

Somso CS 2 Eyeball with Part of Orbit (new model – may be used in conjunction with F 13 (see below)

GS 4 Larynx with Tongue

FS 5 Nasal Cavity, Oral Cavity and Pharyngeal Cavity including Larynx (old model – may be used in conjunction with GS 4)

HS 1 Heart

NS 9 Muscles of the Foot

NS 10 Muscles of the Leg with Base of Pelvis

NS 13 Muscles of the Hand with Base of Forearm

NS 15 Muscles of the Arm with Shoulder Girdle

NS 50 Functional Model of the Knee Joint

NS 52 Functional Model of the Elbow Joint

NS 53 Functional Model of the Shoulder Joint

NS 54 Functional Model of the Ankle Joints

QS 23 Skeleton of the Foot

QS 54 Case with Collection 'Vertebrae and Spinal Cord'

F13 Eye (older model – may be used in conjunction with CS 2 (see above)

Half Skeleton, disarticulated – both right and left

LAST 3 YEARS VIVA TOPICS----- See the trend

Primary Examination 2018.2 Viva Topics

VIVA A

Thursday 13 September 2018

Morning Session

Subject	Topic	LOA
Anatomy	Head and Neck (model)	2
Pathology	Cardiomyopathy	2
Physiology	Cardiovascular	1
Pharmacology	Atropin	1
Clinical Building Block	Complete heart block (ECG)	

Thursday 13 September 2018

Afternoon Session

Subject	Topic	LOA
Anatomy	Brain (Ventricles)	1
Pathology	Subarachnoid Haemorrhage	1
Physiology	Cerebral Autoregulation	1
Pharmacology	Nimodipine	1
Clinical Building Block	CT Brain	

VIVA B

Friday 14 September 2018

Morning Session

Subject	Topic	LOA
Anatomy	Rib bone (First rib)	1
Pathology	Pneumonia	1
Physiology	Oxygen Haemoglobin Dissociation Curve	1
Pharmacology	Paracetamol	1
Clinical Building Block	Pneumonia (CXR)	

Friday 14 September 2018

Afternoon Session

Subject	Topic	LOA
Anatomy	Myotomes	1
Pathology	Acute Inflammation	1
Physiology	Neuromuscular Junction	1
Pharmacology	Tricyclic anti-depressants	1
Clinical Building Block	Lumbar Spine (X-ray)	

VIVA C

Thursday 13 September 2018

Morning Session

Subject	Topic	LOA
Anatomy	Forearm (Superficial Muscles)	1
Pathology	Diabetes	2
Physiology	Renal Handling of Glucose	1
Pharmacology	Antibiotics (Vancomycin)	2
Clinical Building Block	Venous Blood Gas	

Thursday 13 September 2018

Afternoon Session

Subject	Topic	LOA
Anatomy	Compartments of the Hand (Hand Model)	1
Pathology	Haemostasis	1
Physiology	Control of Ventilation	1
Pharmacology	ADT/Tetanus/TIG/Immunisatio	3

Clinical Building Block

Palmar Laceration (Photo)

VIVA D

Friday 14 September 2018

Morning Session

Subject	Topic	LOA
Anatomy	Lower Limb (Pelvis/Hip Joint)	1
Pathology	Skin Tear - Wound Healing	1
Physiology	Osteoporosis/Calcium Metabolism	1
Pharmacology	Opioids/Drugs in Elderly	2
Clinical Building Block	Fractured Hip (Pelvis X-ray)	

Friday 14 September 2018

Afternoon Session

Subject	Topic	LOA
Anatomy	Retroperitoneum	1
Pathology	Renal (Renal Stones)	1
Physiology	Glomerular Filtration Rate	1
Pharmacology	Antibiotics (Gentamicin)	1
Clinical Building Block	Renal Failure (Blood Tests)	

Primary Examination 2018.1 Viva Topics

VIVA A

Thursday 22 March 2018

Morning and Afternoon Sessions

Subject	Topic	LOA
Anatomy	Heart (model)	1
Pathology	Acute Coronary Syndromes / Ischaemic Heart Disease	1
Physiology	Cardiac Cycle	1
Pharmacology	Digoxin	1
Clinical Building Block	ECG	

Friday 23 March 2018

Morning Session

Subject	Topic	LOA
Anatomy	Posterior Abdo Wall Vessels	2
Pathology	Aneurysms	1
Physiology	Disordered Renal Function	1
Pharmacology	Metoprolol	1
Clinical Building Block	Venous Blood Gas (acute kidney injury)	

VIVA B

Thursday 22 March 2018

Morning and Afternoon Sessions

Subject	Topic	LOA
Anatomy	Ankle X-ray	1
Pathology	Anaphylaxis	1
Physiology	Work of Breathing	1
Pharmacology	Penicillin	1
Clinical Building Block	Joint Aspirate	

Friday 23 March 2018 Morning

Session

Subject	Topic	LOA
Anatomy	Base of Skull (bone)	2
Pathology	Neoplasia	2
Physiology	Lung Volumes	1
Pharmacology	Phenytoin	2
Clinical Building Block	CT Brain	

VIVA C

Thursday 22 March 2018

Morning and Afternoon Sessions

Subject	Topic	LOA
Anatomy	Anterior Triangle of Neck	1
Pathology	Meningitis	1
Physiology	Osmolality	1
Pharmacology	Local Anaesthetics	1
Clinical Building Block	Biochemistry Panel	

Friday 23 March 2018 Morning

Session

Subject	Topic	LOA
Anatomy	Knee Joint (model)	1
Pathology	Oedema	1
Physiology	Liver Metabolism	1
Pharmacology	Spirolactone	2
Clinical Building Block	Liver Function Tests (hepatitis)	

VIVA D

Thursday 22 March 2018

Morning and Afternoon Sessions

Subject	Topic	LOA
Anatomy	Humerus (bone)	1
Pathology	Fracture Healing	1
Physiology	Modulation of Pain	1
Pharmacology	Fentanyl	1
Clinical Building Block	Supracondylar Fracture (X-ray)	

Friday 23 March 2018 Morning

Session

Subject	Topic	LOA
Anatomy	Vascular Supply of Arm	1
Pathology	Chronic Renal Failure	2
Physiology	Renal Tubular Function	1
Pharmacology	Ceftriaxone (beta-lactam antibiotics)	1
Clinical Building Block	ECG (hyperkalaemia)	

Primary Examination 2017.2 Viva Topics

VIVA A

Thursday 14 September 2017

Morning Session

Subject	Topic	LOA
Anatomy	Thoracic inlet and mediastinum – photo	2
Pathology	Pulmonary embolism	1
Physiology	V/Q inequality	1
Pharmacology	Thrombolytics	1
Clinical Building Block	Arterial Blood Gas	

Thursday 14 September 2017

Afternoon Session

Subject	Topic	LOA
Anatomy	Genitourinary tract - model	2
Pathology	Hyperplasia	1
Physiology	Renal regulation sodium	1
Pharmacology	Prazosin/alpha blockers	1
Clinical Building Block	EUC/renal failure	

Friday 15 September 2017

Morning Session

Subject	Topic	LOA
Anatomy	Carotid artery - photo	1
Pathology	Embolism	1
Physiology	Conducting system	1
Pharmacology	Intravenous fluids	1
Clinical Building Block	ECG – AF	

Friday 15 September 2017

Afternoon Session

Subject	Topic	LOA
Anatomy	Normal CXR	1
Pathology	Bronchiectasis	1
Physiology	Control of ventilation	1
Pharmacology	NSAIDS	2
Clinical Building Block	Venous gas	

VIVA B

Thursday 14 September 2017

Morning Session

Subject	Topic	LOA
Anatomy	CT brain - image	1
Pathology	Cerebral infarction	1
Physiology	Brain Metabolism and Energy Sources	1
Pharmacology	Metronidazole	1
Clinical Building Block	CT brain image	

Thursday 14 September 2017

Afternoon Session

Subject	Topic	LOA
Anatomy	X-ray CXR (lobes of lungs)	1
Pathology	Pneumonia	1
Physiology	Ventilation/perfusion	1
Pharmacology	Azithromycin (macrolides)	2
Clinical Building Block	Chest X-ray	

Friday 15 September 2017

Morning Session

Subject	Topic	LOA
Anatomy	Rotator Cuff - model	1
Pathology	Lung Cancer	1
Physiology	Dead space	1
Pharmacology	Adrenaline	1
Clinical Building Block	Arterial Blood Gas	1

Friday 15 September 2017

Afternoon Session

Subject	Topic	LOA
Anatomy	Thoracic vertebra - bone	1
Pathology	E.coli	1
Physiology	GFR	1
Pharmacology	ACE inhibitors	2
Clinical Building Block	Lateral T-spine X-ray	
VIVA C		

Thursday 14 September 2017

Morning Session

Subject	Topic	LOA
Anatomy	Ulnar nerve - discussion	1
Pathology	Atrophy	1
Physiology	Reflexes	1
Pharmacology	Ketamine	1
Clinical Building Block	Elbow X-ray	

Thursday 14 September 2017

Afternoon Session

Subject	Topic	LOA
Anatomy	Arterial Supply of the Foot - image	1
Pathology	Thrombosis	1
Physiology	Cardiac Output	1
Pharmacology	Verapamil	1
Clinical Building Block	Photo of legs	

Friday 15 September 2017

Morning Session

Subject	Topic	LOA
Anatomy	Knee ligaments - model	1
Pathology	Oedema	1
Physiology	Resting membrane potential	1
Pharmacology	Drug clearance	1
Clinical Building Block	Knee X-ray	

Friday 15 September 2017

Afternoon Session

Subject	Topic	LOA
Anatomy	Femoral triangle - photo	1
Pathology	Intracerebral haemorrhage	2
Physiology	Cerebral blood flow	1
Pharmacology	Drugs in the elderly	2
Clinical Building Block	CT brain – intracerebral haemorrhage	

VIVA D

Thursday 14 September 2017

Morning Session

Subject	Topic	LOA
Anatomy	Pelvis – female model	1
Pathology	Staph Aureus	1
Physiology	Shock	1
Pharmacology	Paracetamol	1
Clinical Building Block	Rash - image	

Thursday 14 September 2017

Afternoon Session

Subject	Topic	LOA
Anatomy	Hand - model	1
Pathology	Jaundice	1
Physiology	Bilirubin	1
Pharmacology	Ethanol	1
Clinical Building Block	Blood tests (LFTs)	

Friday 15 September 2017

Morning Session

Subject	Topic	LOA
Anatomy	Inguinal canal	1
Pathology	Shock	1
Physiology	Renal blood flow	1
Pharmacology	Local Anaesthetics	1
Clinical Building Block	Erect and Supine AXR	

Friday 15 September 2017

Afternoon Session

Subject	Topic	LOA
Anatomy	Palmar space - model	1
Pathology	Haemostasis	1
Physiology	Calcium haemostasis	2
Pharmacology	Benzodiazepines	1
Clinical Building Block	Hand - photo	

RIMARY EXAMINATION 2017.1 VIVA TOPICS

VIVA A

Thursday 23 March 2017	TOPIC	LOA
Morning Session SUBJECT		
Anatomy	Facial pain, Bones - Mandible	1
Pathology	Inflammation	1
Physiology	Visual pathways	1
Pharmacology	Potency & efficacy	1
Clinical Building Block	Photo of face	

Thursday 23 March 2017	TOPIC	LOA
Afternoon Session SUBJECT		
Anatomy	Sepsis, Bones - Foot	1
Pathology	Gram negative sepsis	1
Physiology	Renal – H+ handling	1
Pharmacology	Gentamicin	1
Clinical Building Block	Blood tests	

Friday 24 March 2017	TOPIC	LOA
Morning Session SUBJECT		
Anatomy	Bone - Humerus	1
Pathology	Haemorrhagic shock	1
Physiology	High altitude	1
Pharmacology	Clopidogrel	1
Clinical Building Block	CT Brain	

VIVA B

Thursday 23 March 2017	TOPIC	LOA
Morning Session SUBJECT		
Anatomy	Knee - x-ray	1
Pathology	Type 3 hyper-sensitivity	1
Physiology	Counter current mechanism	1
Pharmacology	Antiemetics - Ondansetron	1
Clinical Building Block	Blood test results	

Thursday 23 March 2017	TOPIC	LOA
Afternoon Session SUBJECT		
Anatomy	Aorta - CT	1
Pathology	Aortic dissection	1
Physiology	Coronary blood flow	1
Pharmacology	Fruzemide	1
Clinical Building Block	ECG	

Friday 24 March 2017	TOPIC	LOA
Morning Session SUBJECT		
Anatomy	Model – Extra ocular muscles	1
Pathology	Herpes Zoster	2
Physiology	Cholinergic neurotransmission	1
Pharmacology	Carbamazepine	1
Clinical Building Block	Photo - Shingles rash	

VIVA C

Thursday 23 March 2017	TOPIC	LOA
Morning Session SUBJECT		
Anatomy	Heart (model)	2
Pathology	Fluid and oedema	1
Physiology	Cardiac pacemaker	1
Pharmacology	Insulin	1
Clinical Building Block	ECG	

Thursday 23 March 2017	TOPIC	LOA
Afternoon Session SUBJECT		
Anatomy	Larynx (model)	1
Pathology	ARDS	1
Physiology	Lung compliance	1
Pharmacology	Rocuronium	1
Clinical Building Block	CXR	

Friday 24 March 2017	TOPIC	LOA
Morning Session SUBJECT		
Anatomy	Liver - picture	1
Pathology	Alcoholic liver disease	1
Physiology	Cardiovascular response to moderate haemorrhage	1
Pharmacology	Octreotide	2
Clinical Building Block	LFTS	

VIVA D

Thursday 23 March 2017	TOPIC	LOA
Morning Session SUBJECT		
Anatomy	Picture – Cubital fossa	1
Pathology	Asthma	1
Physiology	Airway resistance	1
Pharmacology	Ketamine	1
Clinical Building Block	CXR	

Thursday 23 March 2017	TOPIC	LOA
Afternoon Session SUBJECT		
Anatomy	Picture - Brachial plexus	1
Pathology	Cardiomyopathy	1
Physiology	Nerve action potential and excitation	1
Pharmacology	Ethanol	2
Clinical Building Block	Photo - arm laceration	

Friday 24 March 2017	TOPIC	LOA
Morning Session SUBJECT		
Anatomy	Hip X-ray	1
Pathology	Osteomyelitis	1
Physiology	Renal handling of K+	1
Pharmacology	Vancomycin	2
Clinical Building Block	ECG	

PRIMARY EXAMINATION 2016.2 VIVA TOPICS

VIVA A

Thursday 15 Sep 2016	TOPIC	LOA
Morning Session SUBJECT		
Anatomy	Dyspnoea, Bones - Tibia	1
Pathology	ARDS	2
Physiology	CO2 transport	1
Pharmacology	Salbutamol	1
Clinical Building Block	Blood gas	

Thursday 15 Sep 2016	TOPIC	LOA
Afternoon Session SUBJECT		
Anatomy	Brachial plexus – Photo	1
Pathology	Iron deficiency anaemia	1

Physiology	Iron metabolism and haemoglobin	1
Pharmacology	Oxycodone – pharmacokinetics and pharmacodynamics	1
Clinical Building Block	FBC and Fe studies	
Friday 16 Sep 2016 Morning Session SUBJECT	TOPIC	LOA
Anatomy	Foot and ankle model	1
Pathology	Chronic inflammation	1
Physiology	Glucose homeostasis	1
Pharmacology	Gliclazide – Pharmacodynamics /kinetics	1
Clinical Building Block	Leg ulcer	
Friday 16 Sep 2016 Afternoon Session SUBJECT	TOPIC	LOA
Anatomy	Hand (bone)	1
Pathology	Haemostasis, platelet aggregation	1
Physiology	Physiological responses to shock	1
Pharmacology	Propofol (Pharmaco-kinetics and Pharmaco-dynamics)	1
Clinical Building Block	X-ray – Metacarpal fracture	
VIVA B		
Thursday 15 Sep 2016 Morning Session SUBJECT	TOPIC	LOA
Anatomy	Cubital fossa (photo)	1
Pathology	Acute Pericarditis	2
Physiology	Electrical activity of the heart / atrial arrhythmias	1
Pharmacology	Adenosine	1
Clinical Building Block	ECG - SVT	
Thursday 15 Sep 2016 Afternoon Session SUBJECT	TOPIC	LOA
Anatomy	Heart (model) – coronary supply	1
Pathology	Acute coronary syndromes	1
Physiology	Cardiac cycle – ventricular volume relationship to ECG	1
Pharmacology	Metoprolol	1
Clinical Building Block	STEMI ECG	
Friday 16 Sep 2016 Morning Session SUBJECT	TOPIC	LOA
Anatomy	Surface anatomy of the chest/ pleural reflections	1
Pathology	Endocarditis	2
Physiology	Cardiac Contractility (Frank Starling curve)	1
Pharmacology	Lignocaine	1
Clinical Building Block	X-ray with large pleural effusion	
Friday 16 Sep 2016 Afternoon Session SUBJECT	TOPIC	LOA
Anatomy	Chest x-ray	1
Pathology	Hypertension	2
Physiology	Renin angiotensin system	1

Pharmacology	Angiotensin receptor blockers	2
Clinical Building Block	ECG	

VIVA C

Thursday 15 Sep 2016

Morning Session SUBJECT

	TOPIC	LOA
Anatomy	Eye (model)	1
Pathology	Measles	2
Physiology	Stretch reflexes	2
Pharmacology	Midazolam	1
Clinical Building Block	Photo – mac/pap rash	

Thursday 15 Sep 2016

Afternoon Session SUBJECT

	TOPIC	LOA
Anatomy	C1/2 - bone	1
Pathology	Fracture healing	1
Physiology	Alveolar gas equation	1
Pharmacology	Phenytoin	1
Clinical Building Block	Arterial blood gas	

Friday 16 Sep 2016 Morning

Session SUBJECT

	TOPIC	LOA
Anatomy	CNS Ventricular system	1
Pathology	Malaria	1
Physiology	Control of ventilation	1
Pharmacology	Doxycycline	2
	pharmacodynamics	
Clinical Building Block	Brain CT	

Friday 16 Sep 2016

Afternoon Session SUBJECT

	TOPIC	LOA
Anatomy	Femoral triangle photo	1
Pathology	Streptococcal infection	1
Physiology	VQ mismatch	1
Pharmacology	Ceftriaxone	1
Clinical Building Block	Blood gas	

VIVA D

Thursday 15 Sep 2016

Morning Session SUBJECT

	TOPIC	LOA
Anatomy	Normal CT at transpyloric plane	2
Pathology	Intestinal obstruction	2
Physiology	Control of micturition	2
Pharmacology	Metoclopramide / antiemetics	1
Clinical Building Block	Abdominal X-ray	

Thursday 15 Sep 2016

Afternoon Session SUBJECT

	TOPIC	LOA
Anatomy	Knee joint – normal x-ray	1
Pathology	Septic arthritis, staphylococcal infections	1
Physiology	Renal tubular function	1
Pharmacology	Flucloxacillin	1
Clinical Building Block	Joint aspirate of septic arthritis	

Friday 16 Sep 2016 Morning Session SUBJECT

	TOPIC	LOA
Anatomy	Scapula - bone	1
Pathology	Type 1 Hyper-sensitivity	1
Physiology	Glomerular filtration	1

Pharmacology	Ketamine pharmacodynamics /kinetics	1
Clinical Building Block	Biochemistry results	
Friday 16 Sep 2016	TOPIC	LOA
Afternoon Session SUBJECT		
Anatomy	Upper Airway - model	2
Pathology	Croup and acute inflammation	1
Physiology	Thermo-regulation	1
Pharmacology	Dexa-methasone – dose/ pharmacodynamics	1
Clinical Building Block	Photo - Rash	

PRIMARY EXAMINATION 2016.1 VIVA TOPICS

VIVA A

Thursday 17 Mar 2016	TOPIC	LOA
Morning Session SUBJECT		
Anatomy	Lobes of lung - Mediastinum and cardiac borders (CXR)	1
Pathology	Pulmonary Embolism	1
Physiology	Ventilation perfusion relationships	1
Pharmacology	Rivaroxaban –mechanism of action and pharmacokinetics	1
Clinical Building Block	CXR – lung consolidation	
Thursday 17 Mar 2016	TOPIC	LOA
Afternoon Session SUBJECT		
Anatomy	Carpal bones – stability and movement (bones)	1
Pathology	DIC	1
Physiology	Physiological responses to 1L bolus IV Nsaline	1
Pharmacology	Atropine	1
Clinical Building Block	DIC	
Friday 18 Sep 2015 Morning	TOPIC	LOA
Session SUBJECT		
Anatomy	Brachial plexus (photo)	1
Pathology	Cardiomyopathy – alcoholic	2
Physiology	Jaundice/Bilirubin metabolism	1
Pharmacology	Ethanol	1
Clinical Building Block		

VIVA B

Thursday 17 Mar 2016 Morning	TOPIC	LOA
Session SUBJECT		
Anatomy	Radius & Ulna (bones)	1
Pathology	Hepatitis B	1
Physiology	Autoregulation general principles (local circulating, myogenic, neurological)	1
Pharmacology	Basic pharm – half time	2

Octreotide –mechanism of action, dose, half-life, route of administration

Clinical Building Block Hepatitis B Serology

Thursday 17 Mar 2016

Afternoon Session SUBJECT

	TOPIC	LOA
Anatomy	Lower limb compartments (model)	1
Pathology	Calcific Aortic Stenosis	2
Physiology	Renin-angiotensin system	1
Pharmacology	Fentanyl	1

Clinical Building Block

Friday 18 Mar 2016 Morning Session SUBJECT

	TOPIC	LOA
Anatomy	Tibial #	
Pathology	CXR – lung and pleura	
Physiology	COPD	1
Pharmacology	Pulmonary compliance	1
	Bupivacaine	1

Clinical Building Block

VIVA C

Thursday 17 Sep 2015

Morning Session SUBJECT

	TOPIC	LOA
Anatomy	Head & Neck (model)	1
Pathology	Cellular injury adaption and hyperplasia	1
Physiology	Thyroid hormone regulation	2
Pharmacology	Propranolol	2

Clinical Building Block

Thursday 17 Sep 2015

Afternoon Session SUBJECT

	TOPIC	LOA
Anatomy	TFTs	
Pathology	Cerebral circulation (CT)	1
Physiology	Ischaemic stroke	1
Pharmacology	Temperature regulation	1
	Paracetamol	1

Clinical Building Block

Friday 18 Sep 2015 Morning Session SUBJECT

	TOPIC	LOA
Anatomy	CT ischaemic stroke	
Pathology	Pelvis (bone)	1
Physiology	Lung neoplasia and principles of neoplasia	2
Pharmacology	Tonicity/vasopressin	1
	Azithromycin (macrolides)	2

Clinical Building Block

VIVA D

Thursday 17 Sep 2015

Morning Session SUBJECT

	TOPIC	LOA
Anatomy	Bloods – hyponatremia, osmolarity	
Pathology	Lower leg popliteal fossa vascular supply (photo)	1
Physiology	Ischaemic injury	1
	Renal buffers in acid-base regulation	1
Pharmacology	Amitriptyline mechanism of actions and side effects	1

Clinical Building Block

Thursday 17 Sep 2015

Afternoon Session SUBJECT

	TOPIC	LOA
	Metabolic acidosis blood gas	

Anatomy	Thoracic inlet (photo)	1
Pathology	TB	1
Physiology	Physiological vs anatomical dead space	1
Pharmacology	Ciprofloxacin-route administration, dose, mechanism of action	2
Clinical Building Block	CXR – upper lobe collapse consolidation	
Friday 18 Sep 2015 Morning Session SUBJECT	TOPIC	LOA
Anatomy	Airway (model)	
Pathology	Neisseria meningitides	1
Physiology	Venous pressure and flow	1
Pharmacology	Suxamethonium	1
Clinical Building Block	CSF - bacterial	

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