

Malaysian Universities Conjoint  
Committee of Ophthalmology presents  
**PREPARATORY COURSE FOR  
MEDEX  
OPHTHALMOLOGY 2026**



18<sup>th</sup> - 21<sup>st</sup> May 2026



8.00am - 5.00pm



Online Platform - ZOOM

**REGISTRATION**  
**Closing Date : 2 May 2026**

**SCAN HERE**



**COMPREHENSIVE TOPICS & EXPERT FEEDBACKS**  
**MOCK MCQ PRACTICES**

For enquiries, please email to : ra.umerc@um.edu.my / 03-79677576

## MedEx Preparatory Course 2026

### 18<sup>th</sup> – 21<sup>st</sup> May 2026

DATE/ TIME	TUESDAY (18/05/2026)	WEDNESDAY (19/05/2026)	THURSDAY (20/05/2026)	FRIDAY (21/05/2026)
8.45 – 9.00 am	<u>Welcome Speech</u> <b>A/P Dr Nor Fadhilah Mohamad</b>			
9.00 – 10.00 am	<u>Anatomy</u> Anatomy of head and neck <b>Dr Snehlata Prashant Samberkar</b>	<u>Physiology</u> Renal Physiology <b>Prof Dr Naguib Salleh</b>	<u>Pharmacology</u> Anti-inflammatory agents Anti-infective agents <b>A/P Dr. Shamsul Bin Mohd Zain</b>	<u>Microbiology</u> Principle of infection and antimicrobial therapy Culture media <b>Dr. Azwani Abdullah</b>
10.20 – 11.20 am	<u>Anatomy</u> Embryology of head and neck <b>A/P Dr Rosie Pamela David</b>	<u>Physiology</u> Cardiovascular system Respiratory system <b>Prof Dr Naguib Salleh</b>	<u>Pharmacology</u> Pharmacodynamics Mechanism of drug toxicity <b>A/P Dr. Dharmani Devi Murugan</b>	<u>Molecular Medicine</u> Genetics <ul style="list-style-type: none"> <li>• Chromosomes and cell division</li> <li>• Inheritance</li> <li>• Genes mutation</li> <li>• Oncogenes and tumor suppressor genes</li> <li>• Principles of gene therapy</li> </ul> <b>A/P Dr. Thamii Selvee Ramasamy</b>
11.40 – 12.40 pm	<u>Anatomy</u> Brain and Spinal Cord <b>A/P Dr Wong Kah Hui</b>	<u>Physiology</u> Acid-base balance / metabolism Metabolic response Fluid and electrolyte <b>Prof Dr Naguib Salleh</b>	<u>Microbiology</u> Humoral and cellular immunity Immune mechanisms of tissue damage <b>Dr. Nurhafiza Binti Zainal</b>	<u>Molecular Medicine</u> Molecular and cell biology <ul style="list-style-type: none"> <li>• Cell organelles</li> <li>• Receptor physiology</li> <li>• Extracellular matrix</li> </ul> <b>A/P Dr. Muhammad Fazril Mohd Razif</b>
<b>12.40 – 2.00 pm - BREAK</b>				
2.00 – 3.00 pm	<u>Pathology</u> Inflammation Neoplasia Growth disturbances Degeneration Aging <b>Dr Alex Phang Kean Chang</b>	<u>Physiology</u> <ul style="list-style-type: none"> <li>• Nervous System</li> <li>• Overview of nervous system</li> <li>• Sensory and motor systems</li> <li>• Autonomic nervous system</li> <li>• Special senses</li> </ul> <b>Dr Kumar Seluakumar</b>	<u>Microbiology</u> Immunodeficiency Immunosuppression Organ transplantation and rejection <b>A/P Dr. Chandramathi A/P Samudi @ Raju</b>	<u>General Briefing on MedEx Preparatory Course and MOphthal Admission</u> <b>A/P Dr. Nor Fadhilah Mohamad</b>
3.20 – 4.20 pm	<u>Pathology</u> Vascular disorder Shock and trauma <b>Prof. Dr Mun Kein Seong</b>		<u>Microbiology</u> Virus, bacteria, fungus, helminth, Protozoa, HIV and AIDS <b>Prof. Dr. Wong Won Fen</b>	<u>Closing Remarks</u> <b>A/P Dr. Nor Fadhilah Mohamad</b>