

# MedEx (Ophthalmology) Preparatory Course 2026

*'Enhance your exam preparation journey with our  
expert guidance'*

*Organized by*

**College of Ophthalmologists, Academy of Medicine of Malaysia (COAMM)**

*(For doctors who are preparing MedEx (Ophthalmology)  
Clinical Masters and Parallel Programme)*



**13 - 15 JANUARY  
2026**



**8.45 AM - 4.30 PM**



**ONLINE (ZOOM)**

*(Link will be provided by email)*

**REGISTRATION FEE**

**RM 400 (Local)**

**RM 1,000 (International)**

**JOIN  
US!**

**Comprehensive Lectures on Basic  
Sciences by esteemed lecturers from  
leading Malaysia Universities**

- ✓ ANATOMY
- ✓ PHYSIOLOGY
- ✓ PATHOLOGY
- ✓ BIOCHEMISTRY
- ✓ PHARMACOLOGY
- ✓ IMMUNOLOGY
- ✓ MICROBIOLOGY

**SCAN ME**



**Scan QR code to start  
your registration**

**REGISTRATION CLOSED:  
12th January 2026, 12.00 pm**

## MedEx (Ophthalmology) Preparatory Course 2026

### PROGRAMME – DAY 1 (13 JANUARY 2026)

Time	SUBJECT
8.45 am – 9.00 am	Welcome Speech
9.00 am – 10.00 am	Anatomy: Embryology and anatomy of head
10.15 am – 11.15 am	Biochemistry: <ul style="list-style-type: none"> <li>• Acid-base balance / metabolism</li> <li>• Metabolic response</li> <li>• Fluid and electrolyte</li> </ul>
11.30 am – 12.30 pm	Pathology: <ul style="list-style-type: none"> <li>• Vascular disorder</li> <li>• Shock and trauma</li> </ul>
12.30 pm – 2.00 pm	LUNCH BREAK
2.00 pm – 3.00 pm	Immunology: <ul style="list-style-type: none"> <li>• Humoral and cellular immunity</li> <li>• Immune mechanisms of tissue damage</li> </ul>
3.15 pm – 4.15 pm	Microbiology: <ul style="list-style-type: none"> <li>• Virus, bacteria, fungus, helminth</li> <li>• Protozoa, HIV and AIDS</li> </ul>

## MedEx (Ophthalmology) Preparatory Course 2026

### PROGRAMME – DAY 2 (14 JANUARY 2026)

Time	SUBJECT
9.00 am – 10.00 am	Anatomy: Embryology and anatomy of neck
10.15 am – 11.15 am	Physiology: Nervous System <ul style="list-style-type: none"> <li>• Overview of nervous</li> <li>• Sensory and motor systems</li> <li>• Autonomic nervous systems</li> <li>• Special senses</li> </ul>
11.30 am – 12.30 pm	Physiology: <ul style="list-style-type: none"> <li>• Cardiovascular system</li> <li>• Respiratory system</li> </ul>
12.30 pm – 2.00 pm	LUNCH BREAK
2.00 pm – 3.00 pm	Immunology: <ul style="list-style-type: none"> <li>• Immunodeficiency</li> <li>• Immunosuppression</li> <li>• Organ transplantation and rejection</li> </ul>
3.15 pm – 4.15 pm	Microbiology: <ul style="list-style-type: none"> <li>• Principle of infection and antimicrobial therapy</li> <li>• Culture media</li> </ul>
4.15 pm – 4.30 pm	How to Prepare for MedEx Online Exam

# MedEx (Ophthalmology) Preparatory Course 2026

## PROGRAMME – DAY 3 (15 JANUARY 2026)

Time	SUBJECT
9.00 am – 10.00 am	<b>Anatomy:</b> <ul style="list-style-type: none"> <li>• Brain</li> <li>• Spine and spinal cord</li> </ul>
10.15 am – 11.15 am	<b>Pathology:</b> <ul style="list-style-type: none"> <li>• Inflammation</li> <li>• Neoplasia</li> <li>• Growth disturbances</li> <li>• Degeneration</li> <li>• Aging</li> </ul>
11.30 am – 12.30 pm	<b>Physiology:</b> <ul style="list-style-type: none"> <li>• Renal physiology</li> <li>• Endocrinology</li> </ul>
12.30 pm – 2.00 pm	LUNCH BREAK
2.00 pm – 3.00 pm	<b>Genetics:</b> <ul style="list-style-type: none"> <li>• Chromosomes and cell division</li> <li>• Inheritance</li> <li>• Genes mutation</li> <li>• Oncogens and tumor suppressor genes</li> <li>• Principles of gene therapy</li> </ul>
3.15 pm – 4.15 pm	<b>Pharmacology:</b> <ul style="list-style-type: none"> <li>• Anti-inflammation agents</li> <li>• Anti-infective agents</li> </ul>
4.15 pm – 4.30 pm	Criteria for Mmed and Parallel Pathway (Ophthalmology) Intake  Closing Remarks