

ASKYADOC

- For Continuing Medical Education -

ICO / FRCS OPHTHALMOLOGY

PART 1 COURSE (BASIC SCIENCES & OPTICS)



Dr. Maryam Abdelrahman Mohammad

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Instructor

Dr. Maryam Abdelrahman Mohammad

- Lecturer /Researcher of Ophthalmology in the Research Institute of Ophthalmology, Egypt.
- Fellow of Royal College of Surgeons & Physicians (Glasgow).
- Member of the International Society of Clinical Electrophysiology of Vision (ISCEV).

Overview

- Our live interactive course is designed to cover essential concepts of the Basic sciences and Optics as needed for the ICO/FRCS Glasgow (Ophthalmology) Part 1 exam, mapped & updated to the current Royal College curriculum.

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Curriculum:

Topics	Subject	Date	Start
1. Properties of light, Electromagnetic spectrum, Laws of reflection, reflection at curved surfaces	Optics	20/04/2024	07:00 PM
2. Refraction, Prisms, Spherical lenses	Optics	23/04/2024	07:00 PM
3. Astigmatic lenses, Spectacle prescribing, transposition	Optics	27/04/2024	07:00 PM
4. Aberrations of optical system: Correction of aberrations relevant to the eye, Duochrome test	Optics	30/04/2024	07:00 PM
5. Optics of ametropia, Correction of ametropia: Spectacle lenses, contact lenses, intraocular lenses	Optics	04/05/2024	07:00 PM
6. presbyopia	Optics	07/05/2024	07:00 PM
7. Low visual aids: High reading addition, magnifying lenses, telescopic aids - Galilean telescope	Optics	11/ 05/2024	07:00 PM
8. Practical clinical refraction	Optics	14/05/2024	07:00 PM

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Topics	Subject	Date	Start
9. Instruments	Optics	18/05/2024	07:00 PM
10. lasers	Optics	21/05/2024	07:00 PM
11. principles of refractive surgery	Optics	25/05/2024	07:00 PM
12. Orbit and paranasal sinuses	Anatomy	28/05/2024	07:00 PM
13. Extraocular muscles and adenexa	Anatomy	01/06/2024	07:00 PM
14. The eyeball	Anatomy	04/06/2024	07:00 PM
15. The visual pathway, visual field & pupil	Anatomy & Physiology	08/ 06/2024	07:00 PM
16. Cranial nerves and autonomic	Anatomy	11 /06/2024	07:00 PM
17. Physiology of ocular circulation, Orbital and related intracranial vascular systems	Anatomy & Physiology	25/06/2024	07:00 PM
18. Embryology	Anatomy	29/06/2024	07:00 PM

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Topics	Subject	Date	Start
19. Eyelid, tear film, cornea	Physiology	02 /07/2024	07:00 PM
20. Aqueous humour, Lens, vitreous	Physiology	06 /07/2024	07:00 PM
21. Physiology of the retina & electrophysiology	Physiology	09 /07/2024	07:00 PM
22. Visual acuity, adaptation, entoptic phenomenon, colour , contrast , critical fusion frequency	Physiology	13/07/2024	07:00 PM
23. Binocular vision, EOM & nystagmus	Physiology	16/07/2024	07:00 PM
24. Inflammation, degeneration, wound healing	Pathology	20/07/2024	07:00 PM
25. Hypersensitivity, neoplasia, thrombosis	Pathology	23/07/2024	07:00 PM
26. Inflammation & trauma	Pathology	27 /07/2024	07:00 PM
27. immunology	Pathology	30/07/2024	07:00 PM
28. Pharmacology	Pathology	03/08/2024	07:00 PM

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Topics	Subject	Date	Start
29. Eyelid, tear film, cornea	Optics	06 /08/2024	07:00 PM
30. Aqueous humour, Lens, vitreous	Basic sciences	10 /08/2024	07:00 PM

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Contacts

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About us

- ASKYADOC is the largest online platform in MENA that offers medical courses designed to provide students and professionals with an in-depth education through a large variety of medical fields including (Medicine, dental, and pharma).
- Courses are taught by academic and medical experts, guaranteeing an excellent opportunity for both novices and medical experts to develop their medical expertise and knowledge. Our quality standards and positive interaction with our customers for more than 5 years allowing us to improve continue to develop.
- Our values summarize our attitude towards our work and are deeply embedded in the way we run our company and how we focus on supporting our customers on their path to a successful medical career.

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