

# **MS OPHTHALMOLOGY**

## **Anatomy and Physiology**

- Embryology and Anatomy
- Physiology of the Eye
- The Physiology of Vision
- The Neurology of Vision

## **Ophthalmic Optics**

- Elementary Optics
- Elementary Physiological Optics
- Refraction
- Refractive Errors of the Eye

## **Ocular Examination Techniques and Ocular Therapeutics**

- Ocular Symptomatology
- Assessment of Visual Function
- Examination of the Anterior Segment
- Examination of the Posterior Segment and Orbit
- Ocular Therapeutics
- Ocular Microbiology

## **Diseases of the Eye**

- Diseases of the Conjunctiva
- Diseases of the Cornea
- Diseases of the Sclera
- Diseases of the Uveal Tract
- The Lens
- The Glaucomas
- Diseases of the Retina
- Diseases of the Vitreous
- Diseases of the Optic Nerve
- Intraocular Tumours
- Injuries to the Eye

## **Disorders of Motility**

- Anatomy and Physiology of the Motor Mechanism
- Comitant strabismus
- Incomitant Strabismus

## **Diseases of the Adnexa**

- Diseases of the Lids
- Diseases of the Lacrimal Apparatus
- Diseases of the Orbit

## **Systemic Ophthalmology**

- Diseases of the Nervous System with Ocular Manifestations
- Ocular Manifestations of Systemic Disorders
- Systemic drugs – Effects on eye

## **Preventive Ophthalmology**

- Genetic Ophthalmology
- The Causes and Prevention of Blindness
- Eye Banking
- Eye Camps

## **Surgical Instruments in Ophthalmology**

- Surgical Instruments in Ophthalmology
- Local Anaesthesia in Ophthalmology
- Lasers in Ophthalmology