Comprehensive Ophthalmology
As per the Competency-based Medical Education Curriculum (NMC)

with Complementary LOGBOOK-cum-Practical Manual

Author: A K Khurana

ABOUT THE BOOK

Eighth edition has been thoroughly revised, updated as per Competency-based Medical Education (CBME) curriculum with recent advances incorporated in every section.

KEY FEATURES

**CBME Curriculum** - The eighth edition has been updated and based on the competency-based Medical Education Curriculum (NMC).

**Organization and layout of the book** - Text is arranged in six sections. Various topics have been linked with appropriate competencies as per the CBME curriculum. The first 5 sections are devoted to Anatomy and Physiology of Eye, Optics and Refraction, Diseases of Eye and Ocular Adnexa, Ocular Therapeutics, and Systemic and Community Ophthalmology. Section 6 is devoted to Practical Ophthalmology.

**Chapter Layout** - Each chapter begins with a CHAPTER OUTLINE highlighting the topics covered and SUBJECT COMPETENCIES as per CBME competencies, followed by relevant applied anatomy and physiology. To easily understand, retain and reproduce, text is organized into:

- Various levels of headings, subheadings, bold face and italics given in the text for a quick revision.
- Illustrations comprising clinical photographs and clear line diagrams.
- Operative steps of important surgical techniques in the relevant chapters.
- Tables and flow charts to highlight the important points.
Revised and updated text. Each chapter has been revised and updated with recent advances.

- Competency Codes have been added throughout the text.
- Core Competencies (CC) and Non-core Competencies (NC) have been highlighted.
- Community ophthalmology chapter has been aligned to National Policy on Blindness and Visual Impairment. It has been extensively updated in view of the changed objectives due to culmination of Vision 2020 at global level and extension of vision 2020: India with Strategic Plan April 2021 – March 2026, under National Programme for Control of Blindness and Visual Impairment.

Practical Ophthalmology (Section VI) is the unique feature of this book. It provides exact insight and topics essential for practical examination such as Clinical Methods in Ophthalmology, Ophthalmic Cases, Darkroom Procedures, and Ophthalmic Instruments. This section has been updated with following incorporations as per the new CBME curriculum:

- AETCOM Modules (Attitude, Ethics and Communication Skills)
- Case Studies
- DOAP (Demonstrate, Observe, Assess and Perform)
- Skill Assessment
- OSPE (Objectively Structured Practical Examination)
- OSCE (Objectively Structured Clinical Examination)
- LOGBOOK-cum-Practical Manual (as per CBME, NMC curriculum)

Review of Ophthalmology - For self-assessment and preparation of postgraduate entrance examinations, Review of ophthalmology has been given as an ONLINE RESOURCE arranged in three parts:

- Part A: Quick Text Review and Multiple-Choice Questions
- Part B: Clinical Skill Videos for common skills to be learnt, and
- Part C: Surgical Videos for the important ocular surgeries.