



## FELLOWSHIP IN OPHTHALMOLOGY

### SUGGESTED READING

The Fellowship Examination seeks to determine whether the candidate has a broad range of knowledge across the full spectrum of clinical ophthalmology and the underlying basic sciences.

The role of the examination is to set standards of ophthalmic care among ophthalmologists. The examination provides a quality marker to recognise best practice. The award of Fellowship is considered to be the validation of an ophthalmologist's knowledge, experience and training.

A good practical working knowledge is required, supported by an understanding of the theoretical basis of ophthalmic practise. There is a wide range of textbooks to choose from and the books which are described below provide a guide to the standard expected. Candidates may of course choose to use alternative textbooks.

### FRCS Part 1 and Part 2

#### Anatomy

Snell, R. and Lemp, M., 2013. *Clinical Anatomy of the Eye*. 2nd ed. Somerset: Wiley.  
Essential book of ocular anatomy, well written and illustrated.

#### Physiology

Levin, L. and Adler, F., 2011. *Adler's physiology of the eye*. 11th ed. Edinburgh: Saunders/Elsevier health sciences.

Exhaustive and in depth coverage of physiology of the eye.

Oyster, C.W., 1999. *The Human Eye: Structure and Function*. Sunderland, Mass: Sinauer Associates.  
This text provides a clear review of the anatomy and physiology of the eye.

#### Optics

Abrams, D. and Duke-Elder, S., 2006. *Duke-Elder's Practice of Refraction*. New Delhi: Elsevier.  
This text covers the basic principles of refraction.

Elkington, A., Frank, H. and Greaney, M., 1999. *Clinical Optics*. Oxford: Blackwell Scientific.  
A comprehensive book covering optics relevant to the practise of ophthalmology

#### Pathology

Yanoff, M. and Sassani, J., 2019. *Ocular Pathology*. 8th ed. Elsevier.  
This text briefly covers normal anatomy of the eye and orbit and provides a well-illustrated coverage of the subject of ocular pathology.

Kumar, V., Abbas, A. and Aster, J., 2017. *Robbins Basic Pathology*. 10th ed. St Louis, Mo.: Elsevier.  
This text book covers general pathology relevant to the understanding of pathological process involved in disease causation.

Harry, J. and Misson G., 2001. *Clinical Ophthalmic Pathology*. Oxford: Butterworth-Heinemann. The emphasis of the textbook is to describe the pathological basis for the clinical manifestations of disease.

### **Pharmacology**

Bartlett, J. and Jaanus, S., 2008. *Clinical Ocular Pharmacology*. 5th ed. St. Louis, Mo.: Butterworth-Heinemann/Elsevier. Comprehensive book covering every aspect of ocular pharmacology, toxicology and life threatening systemic emergencies

### **Basic sciences in relation to ophthalmology**

American Academy of Ophthalmology (AAO). Basic and Clinical Science Course. <https://www.aao.org> The Current American Academy of Ophthalmology Basic and Clinical Science Course supplemented by reading selected references ostensibly covers the curriculum, including the basic sciences and medicine in relation to ophthalmology. This text is regularly updated.

Forrester, J., Dick, A., McMenamin, P., Roberts, F. and Pearlman, E., 2016. *The Eye: Basic Sciences in Practice*. 4th ed. Edinburgh [etc.]: Elsevier. The principal basic sciences in relation to ophthalmology are described in this text.

### **FRCS Part 3**

#### **Ophthalmic Surgery**

Albert, D., 1999. *Ophthalmic Surgery: Principles and Techniques*. Malden, Mass.: Blackwell Science. This two volume text provides a comprehensive coverage of the subject.

Collin, J., 2006. *A Manual of Systematic Eyelid Surgery*. 3rd ed. Philadelphia: Butterworth-Heinemann Elsevier.

A clear presentation is the hallmark of this book.

#### **Basic medical emergency relevant to practise of Ophthalmology**

Soar, J., Perkins, G. and Nolan, J., 2012. *ABC of Resuscitation (ABC Series)*. Wiley-Blackwell. Covers all aspects of medical emergencies, but need to be updated with current guidelines.

Wyatt, J., Taylor, R., Wit, K. and Hotton, E., 2020. *Oxford Handbook of Emergency Medicine*. 5th ed. Oxford: Oxford University Press.

Book dealing with emergency medicine, and is also useful in other hospital settings.

#### **Clinical medicine relevant to the practise of Ophthalmology**

Feather, A., Waterhouse, M. and Randall, D., 2020. *Kumar and Clark's Clinical Medicine*. 10th ed. Elsevier.

A comprehensive, well laid out and illustrated book of clinical medicine. Very useful for an ophthalmologist to understand systemic diseases with ocular manifestation.

## Clinical Ophthalmology

Salmon, J., 2020. *Kanski's Clinical Ophthalmology: A Systematic Approach*. 9th ed. Elsevier Health Sciences.

This textbook covers the curriculum in ophthalmology to a basic level only.

Denniston, A. and Murray, P., 2018. *Oxford Handbook of Ophthalmology*. 4th ed. Oxford: Oxford University Press.

This book is concise, and handy to use in clinics, theatre and urgent care. This can reinforce your clinical knowledge while at work and good for reference.

Albert, D., Miller, J., Azar, D. and Blodi, B., 2008. *Albert & Jakobiec's Principles and Practice of Ophthalmology*. 3rd ed. Philadelphia: Saunders Elsevier.

This volume text can be considered a fairly comprehensive reference text book.

Agarwal, A., 2012. *Gass' Atlas of Macular Diseases*. 5th ed. St. Louis, Mo.: Elsevier.

This is an excellent reference text covering most aspects of retinal disease.

Glaser, J., 1999. *Neuro-Ophthalmology*. Philadelphia: Lippincott Williams & Wilkins.

This text provides a thorough and concise coverage of the subject.

Jiménez-Sierra, J., Ogden, T. and Van Boemel, G., 1989. *Inherited Retinal Diseases. A Diagnostic Guide*. St. Louis, Mo.: Mosby.

This text is brief, clearly laid out and comprehensive.

Leigh, R.J. and Zee, D., 2015. *The Neurology of Eye Movements*. 5th ed. New York: Oxford University Press.

This text gives a good description of how neuro-ophthalmic pathology affects eye movements.

Miller, N.R., Newman N.J., Biouesse, V. and Kerrison, J.B., 2005. *Walsh and Hoyt's Clinical Neuro-Ophthalmology* (3 vols). 6th ed. Philadelphia: Lippincott Williams & Wilkins.

This is the principle reference text for neuro-ophthalmology.

Taylor, D., 1997. *Paediatric Ophthalmology*. 2nd ed. Oxford: Blackwell Science.

This text provides a clear and detailed coverage of the subject.

Van Heuven, W. and Zwaan, J., 2000. *Decision Making In Ophthalmology*. 2nd ed. St. Louis, Mo.: Mosby.

Provides useful guidance concerning how a wide range of conditions should be managed.

Von Noorden, G. and Campos, E., 2002. *Binocular Vision and Ocular Motility: Theory and Management of Strabismus*. 6th ed. St. Louis, Mo.: Mosby.

Squint and its management are well covered in this text.

**The suggested books are by no means a comprehensive list but serve as a means of assembling a core curriculum. The separation into Parts 1, 2 and 3 are somewhat arbitrary and do not imply clinically relevant topics in Part 1 and Part 2 will not be examined in Part 3.**