ICO Clinical Sciences Examinations
Educational Technology and reading list

This list is a guide to useful texts, websites etc. It is not comprehensive but contains some of the texts which cover the areas to be studied to acquire the knowledge to pass the examination.

If you have found a text (in any language) particularly helpful, an educational course or a free-access website that you have found helpful, I would be grateful if you would let me know- dtaylor@icoph.org – in that way you will be able to help other candidates achieve a pass in the examinations and improve standards in Ophthalmology worldwide. Good quality, inexpensive, educational courses are particularly difficult to find!

This was produced by Sophie Jones and David Taylor.

Please help- see last paragraph

Books

Basic and Clinical Science Course (12 volumes) or CDRom.

American Academy of Ophthalmology. On Disc or online. The 13-volume BCSC is a foundation for residents and a source of up-to-date clinical knowledge for practitioners. Revised annually, the BCSC covers everything from basic anatomy, optics, and pathology to such specialised topics as retina, glaucoma, and cataract. http://www.aao.org/education/products/courses/index.cfm

The AAO 'ONE' Network

From January 1st 2009 the AAO will offer, for no charge, access to the 'ONE' teaching facility for ophthalmologists in nearly 120 countries with a low GDPH. Access will be via their website:- www.aao.org/international/onenetwork.cfm

The Compas module is likely to be the most helpful for ophthalmologists wanting a structured learning experience.

Ophthalmic Pathology

Sehu KW, Lee WR — Blackwell Publishing. ISBN-13:978 0 727917 79 9

Clinical Ophthalmology: a systematic approach. 6th ed

Kanski JJ. — Butterworth-Heinemann ISBN13 978-0080449692

Paediatric Ophthalmology and Strabismus 3rd ed

Taylor D, Hoyt C — Elsevier ISBN: 0-7020-2708-1

Medical Statistics Made Easy

Harris M. and Taylor G. — Martin Dunitz, Taylor & Francis Group

Neuro-ophthalmology: The Essentials

Miller NR, Newman NJ — Williams & Wilkins ISBN0-683-30682-0

Neuro-ophthalmology Review Manual

Kline LB and Bajandas FJ, :, Revised Fifth Edition, 2004 Slack Incorporated ISBN10 1-55642-672-0

Ophthalmology Examination Techniques- questions and answers

Broadway D, Tufail A, Khaw PT — Butterworth-Heinemann ISBN 0-7506-2500-7.

Essential Medical Ophthalmology- a problem orientated approach

Ferris JD — Butterworth-Heinemann ISBN 0-7506-4937-2

The Ophthalmology Examinations Review

Tien Yin Wong — World Scientific 2001 ISBN 9810244002, 9789810244002

Colour Atlas of Ophthalmic Plastic Surgery, 2nd edition, 3rd edition in Dec. 2007

Tyers AG, Collin JRO — Churchill Livingstone. ISBN 0750642548

The Wills Eye Manual: Office and Emergency Room Diagnosis and Treatment of Eye Disease.

Wills Eye Hospital, Kunimoto DY, Kanitkar KD and Makar M (Eds): Fourth Edition, 2004, Lippincott Willkiams and Wilkins — ISBN13 978-078-17-4207-8

Clinical Ophthalmology: A Self-Assessment Guide
Watts P (first edition only 1992) ISBN 13**:** 978-075-06-1256-2

Clinical Ophthalmology- A Self Assessment Companion
Kanski JJ Kubicka-Trzaska A ISBN: 9780750675383

Clinical Ophthalmology- A Self Assessment Companion
Kanski JJ Kubicka-Trzaska A. Butterworth, Heinemann, Elsevier ISBN: 9780750675383

Ophthalmology Fact Fixer:240 MCQs with Explanatory answers
Chua C, Voon L, Goel S. Radcliffe Publishing Ltd ISBN 9781857759082

Ophthalmic Oncology
Singh AD, Damato BE, Pe'er J, Murphree AL, Perry J. Comprehensive Clinical Ophthalmic Oncology
Chinese edition ISBN: 978-7-5323-9348-0
English edition in mid 2008 by Slack, publishers.

Ptosis Surgery
Arnab Biswas Jaypee Brothers. 2010 ISBN: 978-81-8448-963-7
http://www.jaypeebrothers.com/pgDetails.aspx?book_id=978-81-8448-963-7

A website through which you can access a large number of Ophthalmology texts
NOTE:-THE SPELLING IS CORRECT! www.opthalmology.blogspot.com

Library/Reference books and CDs.
Duane's Clinical Ophthalmology (also on C.D.)
Tasman W., Jaeger E.R. Lipincott Williams & Wilkins ISBN-13: 9780781768559

Principles and Practice of Ophthalmology
Albert DM and Jakobiec FA. 6 Volume Set and CD ROM. 2nd Ed 2000, Saunders ISBN13 978-0721686189.

Walsh and Hoyt's Clinical Neuro-ophthalmology
Miller N.R., Newman N.J.Biousse V. Kerrison JB Lippincott, Williams & Wilkins ISBN 9780781748148

Cornea, 2nd ed
Krachmer JH, Mannis MJ, Holland EJ. Elsevier ISBN 0323032150

Publishers websites and Contacts
Wolters/Lippincott www.LWW.com

Asia Marketing Vincci.Chow@wolterskluwer.com

Inexpensive quality ophthalmology texts, published in India. www.jaypeebrothers.com

Books in English and some Chinese translations
www.bonvision.com e-mail: info@bonvision.com.hk

Useful and inexpensive books
http://www.atozinophthalmology.com/

Free-Access Websites:

Recent literature
http://www.ophthalmics.co.uk/

Neurology

http://neurologyonline.yassermetwally.com/

This website share experiences and resources among Ophthalmology Residencies; a superb resource with lots of recommendations. http://www.icoword.org/

> **One of their recommendations:- What to teach With: The Ophthalmic Pathology Virtual Microscope Database.**
>
> High quality histopathologic specimens, with educational information, provided by the Ophthalmic Pathology Collaborative and Educational Resource (OPCER) workgroup.
> The site can be accessed at www.slidehosting.com using the username of 'aaopath' and password of 'aperio'.
> Information about this project available at:
> http://www.stritch.luc.edu/depts/ophtha/research/virtual_microscopy.htm

Digital reference of Ophthalmology http://dro.hs.columbia.edu/index.htm
Annotated photographs

Rosenbaum & Santiago's (excellent!) text on Strabismus via Google
http://books.google.com/books?id=6jqOihYJvCoC&source=gbs_navlinks_s

Walsh & Hoyt's Neuro-ophthalmology-
http://books.google.co.uk/books?id=9RA2ZOPRuhgC&pg=PA30&lpg=PA30&dq=Optic+chiasm+blood+supply&source=bl&ots=LwHCH8YfEv&sig=2aDDE-hsnfGbHagUYTBIRDnCg7o&hl=en&ei=ioIJSozQKMWZjAf6hMCQCw&sa=X&oi=book_result&ct=result&resnum=4#PPA32,M1
Ophthalmic Hyperguides : www.ophthalmic.hyperguides.com

Success in MRCOphth by CN Chua: www.mrcophth.com

Videos http://www.mrcophth.com/videosonclinicalexamination/1a.html

Syndrome Eponyms http://www.whonamedit.com

OMIM Online -human genes and genetic disorders
http://www.ncbi.nlm.nih.gov/sites/entrez?db=omim

The Neuro-ophthalmology Virtual education Library http://library.med.utah.edu/NOVEL

Eye text; Global ophthalmic community: http://www.eyetext.com

Medscape ophthalmology:
http://www.medscape.com/ophthalmology

An online 3D Anatomy available in some countries
http://www.univadis.com

Articles by named authors on a wide variety of topics, continually updated.
http://www.emedicine.com/ophthalmology/index.shtml

Atlas of ophthalmology: A superb atlas of clinical photographs mostly with brief clinical descriptions. Partially translated into Chinese, German, Arabic, Spanish, Russian, Japanese.
www.atlasophthalmology.com

Digital Journal of Ophthalmology: interesting cases and more!
www.djo.harvard.edu

Clinical Atlas of ophthalmology
http://www.sarawakeyecare.com/atlas.htm

Annotated photographs of a variety of disorders from Columbia University
http://dro.hs.columbia.edu/index.htm

Unattributed articles on numerous topics
http://en.wikipedia.org/wiki/List_of_eye_diseases_and_disorders

Online access to books & educational material via Orbis www.cybersight.org
Also: http://telemedicine.orbis.org/bins/content_page.asp?cid=1

Online access to books directly:-

a. Binocular Vision and Ocular Motility. Von Noorden G & Campos E.
b. Surgical management of Strabismus Helveston EM
c. Strabismus: a decision making approach. Von Noorden G & Helveston E.
http://telemedicine.orbis.org/bins/content_page.asp?cid=1-2193

Ocular Pathology over 1000cases! http://cogancollection.nei.nih.gov/

Academic books for sale and to buy. http://www.academicbooktrade.co.uk/

Abe Books – second hand books www.abebooks.co.uk

Diabetic Retinopathy screening training http://www.drscertificate.org/Links.asp
Diabetic Retinopathy http://www.retinalscreening.nhs.uk/pages/
An optometric review of medical Ophthalmology:
http://www.revoptom.com/handbook/2008/DiseaseHandbookRO.pdf

German Ophthalmological society (+English language).
http://www.dog.org/engl/index.html

Very great number of links to educational and other ophthalmology websites:
http://webeye.ophth.uiowa.edu/dept/websites/eyeres.htm

A useful basic guide to Ophthalmic practice in instructional and Quiz modes
http://www.kellogg.umich.edu/theeyeshaveit/

A very useful guide to gonioscopy with excellent video examples of clinical cases.
http://www.gonioscopy.org/

Website for researchers, physicians and studentsto contact others in their field
info@medicamail.com

Eye News: some articles and a very useful calendar of events in the UK & worldwide
http://www.pinpointmedical.com/showPublication.php?publication=eye-news

Cochrane Library: systematic reviews of the effects of healthcare interventions
http://www.cochrane.org/

Pubmed. Database for Author/Subject. Online database of biomedical journal citations and abstracts created by the U.S. National Library of Medicine. Some free full articles, many others through libraries/universities.
http://www.ncbi.nlm.nih.gov/sites/entrez?db=pubmed

Vision 2020: global initiative for the elimination of avoidable blindness. Multilingual.
http://www.v2020.org/

Root Atlas. Sometimes slow loading collection of educational videos
http://www.rootatlas.com

www.ophthobook.com
http://www.rootatlas.com/wordpress/video/860/eye-trauma-lecture-2/

A useful resource re: child abuse / non-accidental injury
http://www.cincinnatichildrens.org/svc/alpha/c/child-abuse/tools/retinal-hemorrhage.htm

Help with all aspects of IOL calculations
http://doctor-hill.com/

Dr Findl's Basic animations of eye surgery in German. Facebook videos
http://video.google.com/videoplay?docid=1740335478363556704#

A useful guide to risk management with lots of advice and downloadable forms etc. An American view
http://www.omic.com/

Search Engines

Google Scholar :
http://scholar.google.com/

Yahoo! Searching the Web-Search engines & directories
http://dir.yahoo.com/Computers_and_Internet/Internet/World_Wide_Web/Searching_the_Web/Search_Engines_and_Directories/

OAI-PMH (the Open Archives Initiative Protocol for Metadata Harvesting)
http://www.oaister.org/

Ethics- basic Principles
http://priory.com/ethics.htm

Educational Courses
(Help needed to increase the number of *inexpensive* courses worldwide: contact dtaylor@icoph.org with suggestions)

London MSc Clinical Ophthalmology http://www.ucl.ac.uk/ioo-courses/clinical

Bristol, England. www.bristol.ac.uk/clinicalsciencesouth/ophthalmology/vision/
London, England http://www.rcophth.ac.uk/scientific/meetingsandevents
London, England
http://www.moorfields.nhs.uk/HealthProfessionals/MedicalEducation
Glasgow, Scotland
http://www.rcpsg.ac.uk/Education/Events/Other/Pages/ed_spInterdisciplinarySymposia.aspx
UK-wide http://www.mrcophth.com/eyecourses1.html
http://www.google.co.uk/search?source=ig&hl=en&rlz=1G1GGLQ_ENGB265&=&q=Ophthalmology+Courses&btnG=Google+Search&meta=
World
Google: Ophthalmology courses and Australia/India/Hong Kong etc
http://www.aao.org/meetings/
http://www.google.co.uk/search?hl=en&rlz=1G1GGLQ_ENGB265&q=Ophthalmology+Courses+and+USA&btnG=Search&meta=
MIT Courses http://ocw.mit.edu/OcwWeb/Health-Sciences-and-Technology/index.htm

We would like to turn this list into a form of Wiki with a lot of content submitted by readers, particularly readers who are ICO Examination candidates or those who have recently passed the exam. There will have to be editorial control but if you have found any courses, books or websites particularly helpful- let me know! dtaylor@icoph.org We particularly need inexpensive courses anywhere in the world but particularly in Asia, Africa and the Americas and books & websites in non-English languages.