

## 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](mailto: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 CD Rom.***

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 1<sup>st</sup> 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](http://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. 6<sup>th</sup> ed***

Kanski JJ.

Butterworth-Heinemann ISBN13 978-0080449692

#### ***Paediatric Ophthalmology and Strabismus 3<sup>rd</sup> 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, 3<sup>d</sup> 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  
Williams 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](http://www.jaypeebrothers.com/pgDetails.aspx?book_id=978-81-8448-963-7)

### **Library/Reference books and CDs.**

***Duane's Clinical Ophthalmology (also on C.D.)***  
Tasman W., Jaeger E.R. Lippincott 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, 2<sup>nd</sup> ed***  
Krachmer JH, Mannis MJ, Holland EJ. Elsevier ISBN 0323032150

### **Publishers websites and Contacts**

Wolters/Lippincott [www.LWW.com](http://www.LWW.com)

Asia Marketing [Vincci.Chow@wolterskluwer.com](mailto:Vincci.Chow@wolterskluwer.com)

Inexpensive quality ophthalmology texts, published in India.

[www.jaypeebrothers.com](http://www.jaypeebrothers.com)

Books in English and some Chinese translations

[www.bonvision.com](http://www.bonvision.com) e-mail: [info@bonvision.com.hk](mailto:info@bonvision.com.hk)

Useful and inexpensive books

<http://www.atozinophthalmology.com/>

## **Free-Access Websites:**

Recent literature

<http://www.opthalmics.co.uk/>

Neurology

<http://neurologyonline.yassermetwally.com/>

This website intends to share experiences and resources among Ophthalmology Residencies.

<http://www.icoword.org/>

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](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-hsnfGbHagUYTBIRDnG7o&hl=en&ei=ioIJSozQKMWZjAf6hMCQCw&sa=X&oi=book\\_result&ct=result&resnum=4#PPA32\\_M1](http://books.google.co.uk/books?id=9RA2ZOPRuhgC&pg=PA30&lpg=PA30&dq=Optic+chiasm+blood+supply&source=bl&ots=LwHCH8YfEv&sig=2aDDE-hsnfGbHagUYTBIRDnG7o&hl=en&ei=ioIJSozQKMWZjAf6hMCQCw&sa=X&oi=book_result&ct=result&resnum=4#PPA32_M1)

Ophthalmic Hyperguides : [www.opthalmic.hyperguides.com](http://www.opthalmic.hyperguides.com)

Success in MRCOphth by CN Chua: [www.mrcophth.com](http://www.mrcophth.com)

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

Syndrome Eponyms <http://www.whonamedit.com>

OMIM Online -a catalogue of 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: (may have been sold)

<http://www.eyetext.com>

Medscape ophthalmology:

<http://www.medscape.com/ophthalmology>

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

[www.atlasophthalmology.com](http://www.atlasophthalmology.com)

Digital Journal of Ophthalmology: interesting cases and more!

[www.djo.harvard.edu](http://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](http://en.wikipedia.org/wiki/List_of_eye_diseases_and_disorders)

Online access to books & educational material via Orbis [www.cybersight.org](http://www.cybersight.org)

Also: [http://telemedicine.orbis.org/bins/content\\_page.asp?cid=1](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](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](http://www.abebooks.co.uk)

Diabetes

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 students to contact others in their field

[info@medicamail.com](mailto: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.opthobook.com](http://www.opthobook.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/>

**Ethics**

<http://priory.com/ethics.htm>

## **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/](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](mailto:dtaylor@icoph.org) with suggestions)

London MSc Clinical Ophthalmology <http://www.ucl.ac.uk/ico-courses/clinical>

Bristol, England. [www.bristol.ac.uk/clinicalsciencesouth/ophthalmology/vision/](http://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](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=](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=](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](mailto: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.