

MODULE SPECIFICATION

KEY FACTS

Module name	Clinical Management Guidelines
Module code	OVM061
School	School of Health Sciences
Department or equivalent	Division of Optometry and Visual Science
UK credits	15
ECTS	7.5
Level	7

MODULE SUMMARY

Module outline and aims

The purpose of this module is to enhance the practitioner's skills in evidence-based clinical decision-making, including advanced ability to use the College of Optometrists' clinical guidelines and other high level forms of evidence.

Content outline

This module will include on-line as well as face-to-face discussions and tutorials based on hypothetical clinical cases to address a range of topics including:

- The role of research evidence in eye care
- Links between evidence-based practice and clinical decision-making
- Clinical guidelines and their evidence-based application in decision-making

WHAT WILL I BE EXPECTED TO ACHIEVE?

On successful completion of this module, you will be expected to:

Knowledge and understanding:

- Critically understand the concept of evidence and its role in clinical decision-making.
- Be able to synthesise and critique current practice
- Know how to critique clinical research, including making sense of research results
- Critically understand the links between evidence-based practice and clinical decision-making
- Demonstrate a critical awareness of clinical guidelines relevant to optometry

Skills:

- Demonstrate ability to critique information received in writing or verbally
- Demonstrate ability to identify bias in information
- Demonstrate skills in the application of clinical guidelines in decision-making

Values and attitudes:

Appreciate the role and significance of best evidence in ophthalmic practice, and the potential ethical implications of a lack of non-critical approach.

HOW WILL I LEARN?

It is well-established that adult learners learn best in smaller groups and with greater interaction. The module is therefore designed using this type of learning format. The module begins with on-line learning material using our Virtual Learning Environment (VLE) Moodle. This allows you to study the background materials in your own time and as needed. This flexible approach also reduces your time away from practice with all of its cost implications. However, it is very important that you have significant face-to-face learning and the remainder of the module is two days of face-to-face learning in lectures, tutorials and discussions within small groups using hypothetical clinical cases. Following this, the module continues with two weeks of online-discussion. The discussion will take the form of case studies.

Teaching pattern:

Teaching component	Teaching type	Contact hours (scheduled)	Self-directed study hours (independent)	Placement hours	Total student learning hours
8 hours on-line material	Guided independent study	8	22	0	30
10 hours of lectures	Lectures	10	107	0	114
3 hours of tutorials	Tutorials	3	0	0	6
Totals		21	129	0	150

WHAT TYPES OF ASSESSMENT AND FEEDBACK CAN I EXPECT?

Assessments

Assessment will consist of two written exams and one on-line discussion. Questions will test your critical thinking and evaluative understanding, clinical recognition skills, ability to differentially diagnose and the application of knowledge. The assessment will consist of:

35 MCQs 1 hour (based on all aspects of the module)

5 PMCS 1 hour (which test your ability to analyse clinical results and manage patients appropriately)

On-line discussion (based on a specific question or scenario and will require a critical approach. You will be involved in discussions with class colleagues and with the module leader)

Assessment pattern:

Assessment component	Assessment type	Weighting	Minimum qualifying mark	Pass/Fail?
PMCS	Written exam	50%	50%	N/A
MCQ	Written exam	40%	50%	N/A
On-line discussion	Set exercise (1,000 words)	10%	50%	N/A

Assessment criteria

Information on the above module assessment criteria and grade-related criteria can be found on the module space in Moodle.

Assessment Criteria are descriptions of the skills, knowledge or attributes you need to demonstrate in order to complete an assessment successfully and Grade-Related Criteria are descriptions of the skills, knowledge or attributes you need to demonstrate to achieve a certain grade or mark in an assessment. Assessment Criteria and Grade-Related Criteria for module assessments will be made available to you prior to an assessment taking place on Moodle.

Feedback on assessment

Following an assessment, you will be given your marks and feedback in line with the Assessment Regulations and Policy within four weeks of the examination date. More information on the timing and type of feedback that will be provided for each assessment will be available from the module leader.

If you would like to know more about the way in which assessment works at City, please see the full version of the Assessment Regulations at:

http://www.city.ac.uk/_data/assets/word_doc/0003/69249/s19.doc

Assessment Regulations

The Pass mark for the module is 50%. Any minimum qualifying marks for specific assessments are listed in the table above. The weighting of the different components can also be found above. The Programme Specification contains information on what happens if you fail an assessment component or the module.

INDICATIVE READING LIST

Hoffman et al (2013) Evidence-based practice across the health professions. Elsevier.

Website dedicated to evidence-based optometry: www.eboptometry.com

Gambrill E. (2012) Critical thinking in Clinical Practice: Improving the Quality of Judgments and Decisions. 3rd edition. Wiley

Goldacre B (2010) Bad Science. Faber and Faber.

Those with * indicate important reference texts.

Anatomy and Physiology

Standring, S. (ed) (2015) *Gray's Anatomy - The anatomical basis of clinical practice*. 41st ed. London: Elsevier.

Microbiology/Immunology

MacPherson, G and Austyn, J. (2012) *Exploring immunology – concepts and evidence*. Weinham: Wiley-Blackwell.

Male, D., Brostoff, J., Roth, D. and Riott, I. (2012) *Immunology*. 8th ed. London: Elsevier.

Pharmacology

Bartlett, J. and Jaanus, S. (2007) *Clinical Ocular Pharmacology*. 5th ed. New York: Elsevier.*

Rang, H., Dale, M., Ritter, J. and Flower, R. (2019) *Rang & Dale's Pharmacology*. Edinburgh: Churchill Livingstone.

Sharma, R. (2014) *Ocular pharmacology and therapeutics: medication and therapies for eye diseases*. London: LAP LAMBERT Academic Publishing.

Ocular Disease

Bruce, A. and Loughman, M. (2011) *Anterior Eye Disease and Therapeutics A-Z*. 2nd ed. Oxford: Butterworth-Heinemann.*

Bruce, A., O'Day, J., McKay, D. and Swann, P. (2007) *Posterior Eye Disease and Glaucoma A-Z*. 1st ed. London: Elsevier.

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

Jackson, T. L. (2014) *Moorfields Manual of Ophthalmology*. London: Mosby.

* Kanski, J.J. (2010) *Signs in ophthalmology: Causes and differential diagnosis*. London: Mosby.*

Kanski, J.J. and Bowling, B. (2011) *Clinical ophthalmology: a systematic approach*. 7th ed. Oxford: Butterworth-Heinemann. *

The Wills Eye Institute (2016) *The Wills Eye Manual: Office and Emergency Room Diagnosis and Treatment of Eye Disease*. 5th ed. New York: Lippincott Williams and Wilkins.*

Prescribing

British National Formulary (September 2018) Number 76.

British Medical Association & the Royal Pharmaceutical Society of Great Britain. London. Code of Ethics for Pharmacists and Pharmacy Technicians. (2018) RPSGB. London.

Spalton, D.J., Hitchings, R.A. and Hunter, P. (2004) *Atlas of Ophthalmology*. St Louis: Mosby.

Clinical Knowledge (College of Optometrists)

Summaries are a reliable source of evidence-based information and practical 'know how' about the common conditions managed in primary care, providing quick answers to real

Version: 1.0
Version date: December 2018
For use from: 2019-20

Appendix: see <http://www.hesa.ac.uk/content/view/1805/296/> for the full list of JACS codes and descriptions

CODES		
HESA Code	Description	Price Group
4	Anatomy of Physiology	B
JACS Code	Description	Percentage (%)
B510	The study of the principles and techniques for examining, diagnosing and treating conditions of the human visual system	100