



LEARNING OBJECTIVES & PRESENTER BIO – WAVE 2020 – 21ST & 22ND MARCH 2020

SATURDAY 4.05pm – 4.35pm

Dr Alex Hui

Presentation Title:

Antibiotic Selection in Infection Management

TX

Summary In this course, the factors associated with the appropriate selection of antibiotics in the management of ocular infection will be discussed. The effects of clinical presentation, local antibiotic use, rates of resistance and laboratory testing as factors in choosing an appropriate antibiotic and dosing regimen will be presented and applied to clinical scenarios.

Learning Objectives

1. Discuss the mechanisms of action and spectrum of activity of common antibiotics used in eye care
 2. Discuss the clinical considerations associated with antibiotic selection and usage when managing ocular infections.
 3. Present the impact of laboratory testing, local standards of practice and resistance rates as factors in antibiotic selection
-

SUNDAY 9.30am – 10.00am

Dr Alex Hui

Presentation Title:

Pain Management for Optometrists

TX

Summary This course will provide an introduction into the mechanisms of pain, the differences between acute and chronic pain and how these factors influence therapeutic management. The currently available medicine classes to manage pain, their mechanisms of action and their ophthalmic use will be discussed.

Learning objectives:

1. Understand the differences in managing acute versus chronic pain
 2. Discuss the mechanisms of action of the different classes of pain medication
 3. Design appropriate pain management strategies for ophthalmic conditions in primary care
-

SUNDAY 10.35am – 11.05pm

Dr Alex Hui

Presentation Title:

Oral Antibiotics and Antivirals in Eye Care

TX

Summary: This presentation will detail the need for oral therapeutic care in cases of infectious eye disease. Common indications, contraindications and dosages for the management of ocular infections requiring oral therapy will be presented. The pharmacological considerations of systemic management for ocular disease will also be discussed.

Learning objectives:

1. Become familiar with the indications, contraindications, dosages, adverse effects and precautions of commonly used oral antibacterial and antiviral medications for eye care
2. Increase knowledge of ocular conditions which require oral therapy and evidence supporting use of this method of administration

Have knowledge of the pharmacological considerations of oral medications for ocular disease

Dr Alex Hui

OD, PhD, GradCertOcTher, FAAO

DR ALEX HUI, OD, PhD, GradCertOcTher, FAAO, is a Senior Lecturer at the School of Optometry and Vision Science at UNSW Sydney. He completed his optometry training and PhD at the University of Waterloo and the Centre for Contact Lens Research, where he investigated drug releasing contact lenses.



He is an author on more than 15 peer reviewed and non-peer reviewed publications, and has presented at various conferences worldwide including in Australia, Canada, the USA and Japan. His research interests include contact lenses, ocular therapeutics, myopia control and drug delivery.
