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### Course Description

This course will describe how to appropriately choose a pain medication based upon individual patient and drug factors.
Additionally, opioid medications will be evaluated in terms of risk versus benefit, with an emphasis on pain levels and the potential for addiction.

Case anecdotes will include management of ocular pain, with specific emphasis on oral/systemic medications and how to protect both patient and practitioner.

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## Learning Objectives

- ωWhen given a patient case, choose an appropriate pain treatment plan for the management of ocular pain, in terms of drug choices based on pain level, dosing issues, and a monitoring plan for efficacy and toxicity.
  ω Identify and describe some of the potential signs, symptoms, and behaviors
- associated with opioid or substance abuse, and describe ways to respond to this issue. & List systems available to evaluate a patient for potential opioid/substance abuse.
- Describe the treatment issues and options associated with the treatment of ocular pain in a patient with a drug abuse history.

# Two major types of pain:

Nodceptive Pain – normal processing of stimuli that damages normal tissue; how pain becomes conscious; \* responsive to non-optiolds \* examples: NSAIDs, acetaminophen, steroids

\* responsive to opioids \* examples: codeine, hydrocodone, tramadol

teuropathic, abnormal processing of sensory input by the peripheral or central ervous system; \* treatment includes adjuvant analgesics

\* sleep aids, nerve pain meds, muscle relaxers, anxiolytics







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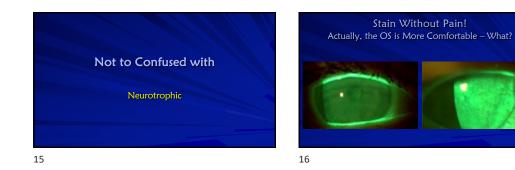


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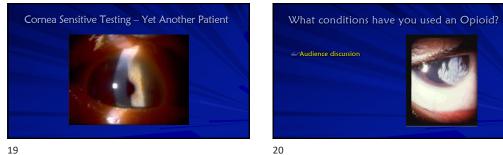








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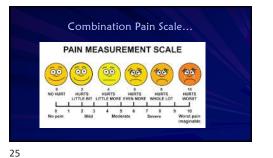
### Drug Treatment Options...Neuropathic Pain Advants - means "add on" medications Medication - medications Medication - medications Medication - medications Medication - medications Medications - medications Medications - medications Medications

Pain Assessments and Scales Adds objective data to a patient's feeling of pain \*It is a subjective problem to assess \*Remember...no patient should needlessly suffer! A"\* Does the injury or wound or diagnosis fit the patient's presentation? \*It is important to be able to assess the degree of pain in a patient.



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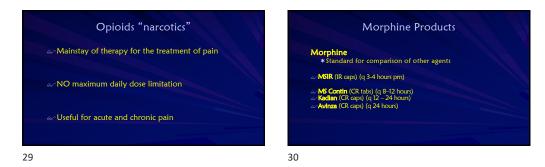


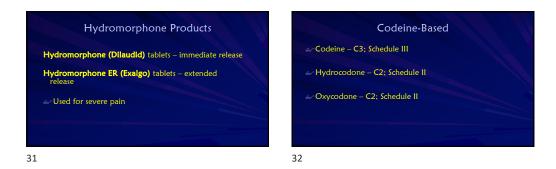
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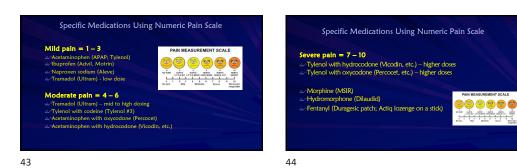
& DO YOU KNOW WHAT A PATIENT CAN TAKE?

Assessing "allergies" appropriately helps practitioners sort through ACTUAL allergy potential and "placebo allergies"

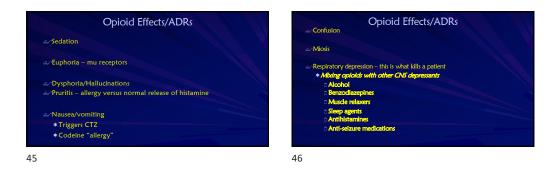
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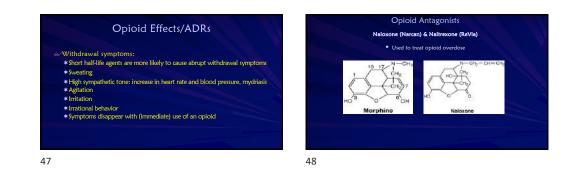
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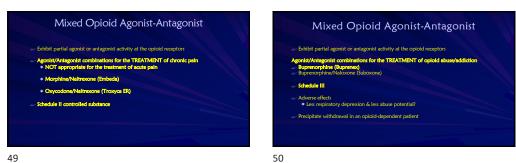
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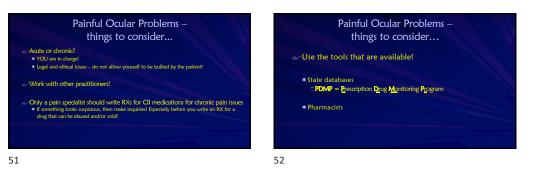






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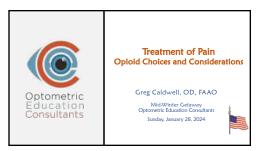






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