

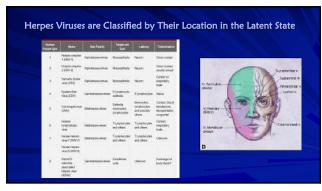




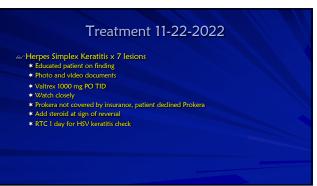


12





14







18





11-25-202

20



21



### 6 Day Follow Up Monday 11-28-2022













### 13 Day Follow Up Monday 12-05-2022

ar 7 HSV lesions resolved

29

- ACCOrnea haze and irregular cornea surface
- Ar Loteprednol OD BID until bottle is empty Ar RTC 1 month – consider cataract consult





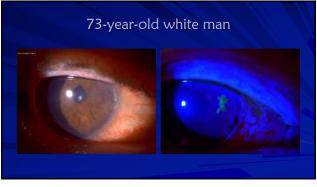
Tx: refer for cataract eval

Ar Nasal ectropion



30

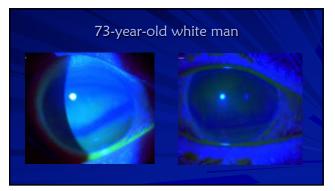




32



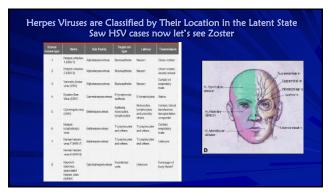
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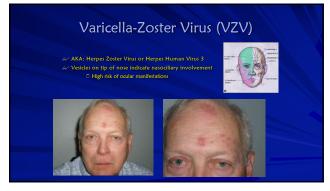


### Herpes A to Z for the eye Care Provider























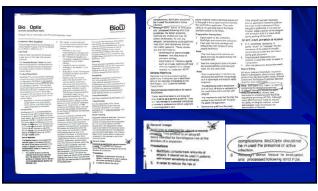


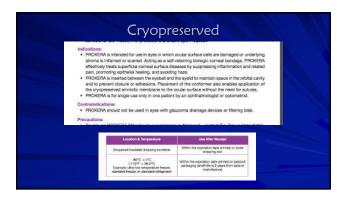


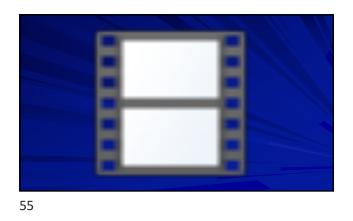








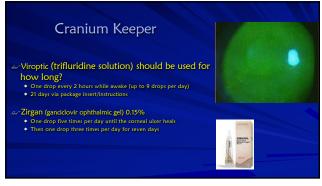




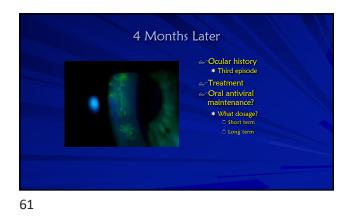


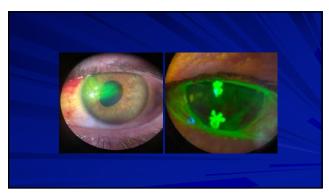


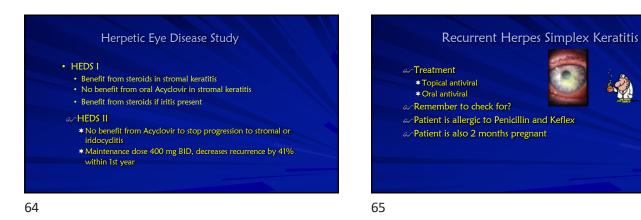


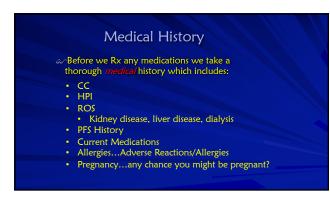








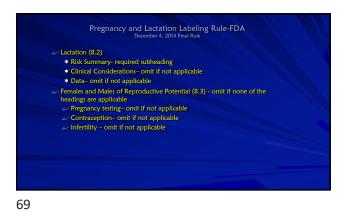






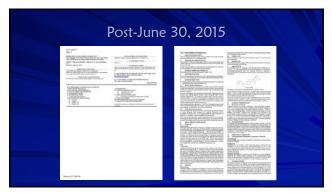


Pregnancy a	and Lactation Labeling Rule-FDA December 4, 2014 Final Rule
Effective June 30, 2015	
* Effective now for new medication	ns and a 3-5 year phase in period (application)
<ul> <li>Labeling for human prescription d</li> <li>* Pregnancy</li> </ul>	Irugs and biological products will include:
* Lactation	
* Females and Males of Reproducti	ive Potential
Pregnancy (8.1)	
* Pregnancy Exposure Registry - or	nit if not applicable
* Risk Summary – required subhead	ling
* Clinical Considerations- omit if no	
<ul> <li>Dose adjustments during pregnan</li> <li>Maternal adverse reactions - omit</li> </ul>	icy and the postpartum period - omit if not applicable
Fetal/Neonatal adverse reactions	
Labor or delivery - omit if not ap	
* Data- omit if none of the heading	are applicable
Human Data - omit if not applice	able

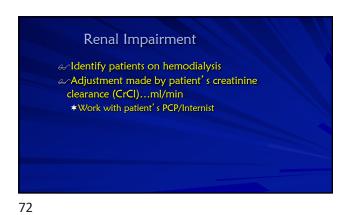


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70



71





#### Zovirax (acyclovir)

- Schood for simplex and zoster
- Available in 200, 400 and 800 mg, IV
- Ar Maintenance dose: 200-400 mg bid ArCaution if impaired renal function
- Category B

# Off-Label

- ArValtrex and Famvir used for the eye
  - \*Off label \*Only approved for genital herpes

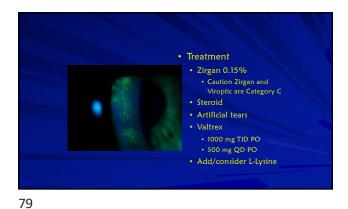
76

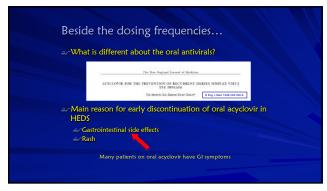
\*Won't find dosage in PDR for ocular usage

75



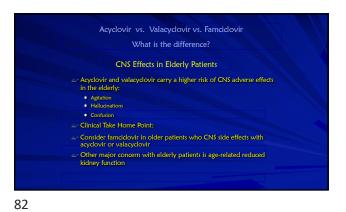










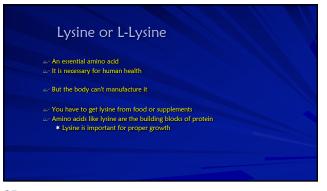


Is there a difference in efficacy between topical and orals in the various forms of ocular herpes?

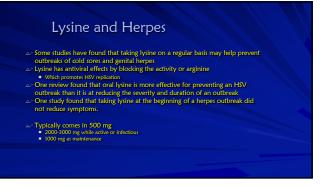


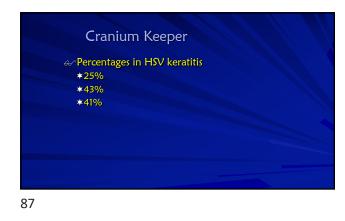


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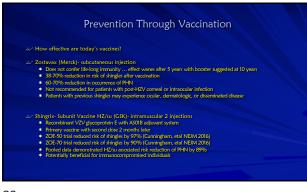






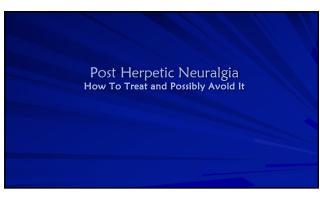


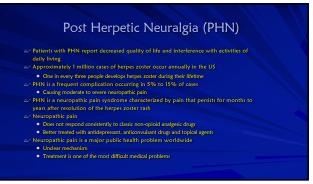








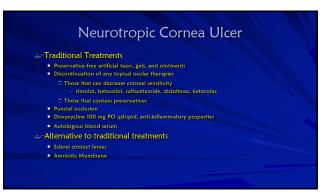






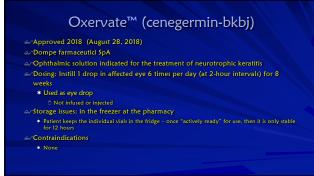






Escherichia Coli

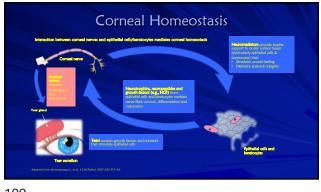
96

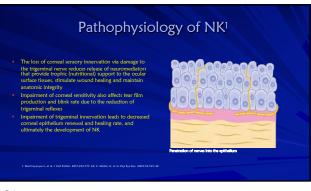




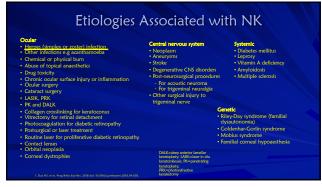
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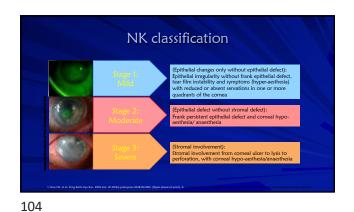
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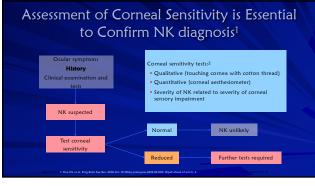


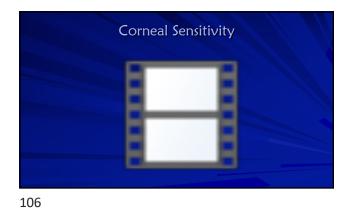














 Active ingredient structurally identical to human nerve growth factor produced in ocular tissues

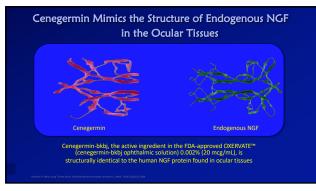
 A Naturally occurring neurotrophin is responsible for differentiation, growth, and maintenance of neurons

 The regenerative potential of nerve growth factor (NGF) was used to vooered by Nobel-prize winning scientists in the early used to vooered by Nobel-prize winning scienti

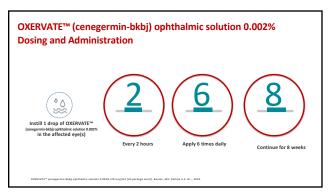
108



109

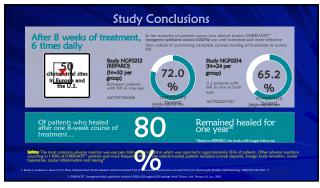


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- ∞ Dosing: Instill 1 drop in affected eye 6 times per day (at 2 hour intervals) for 8 weeks
- $\infty$  Storage issues: in the freezer at the pharmacy: patient keeps the individual vials in the fridge once "actively ready" for use, then it is only stable for 12 hours
- △ △ ADRs: eye pain, inflammation, corneal deposits









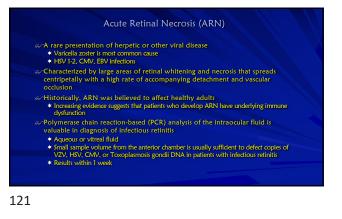


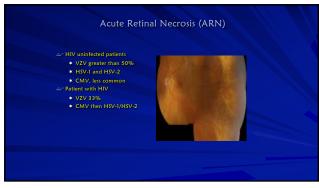






120











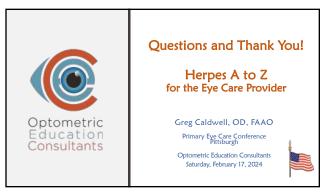
#### Treatment

- Intravenous acyclovir 10-15mg/kg TID for 5-10 days followed by oral regiment
- arr for 6-12 weeks
  Arr for 6-12 weeks
  Arr for an experimental injection of foscarnet or ganciclovir can be considered
- Vitreous condensation and inflammation
   PVR occurs in up to 75% of patients with ARN

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## **Differential Diagnosis** Necrotizing retinitis is typically from Herpes Family of viruses but keep in mind • Syphilitic retinitis • Toxoplasmic retinochoroiditis Primary vitreo-retinal lymphoma Sarcoidosis \* Tuberculosis\* Toxocariasis

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