

Ocular GvHD

- Ocular GvHD affects 40-60% patients after allo-HSCT
- Often under-diagnosed
- It can occur in setting of other chronic GvHD or <u>independently</u>



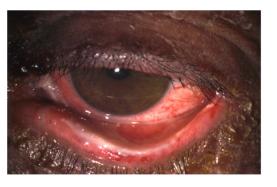
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Acute ocular GvHD

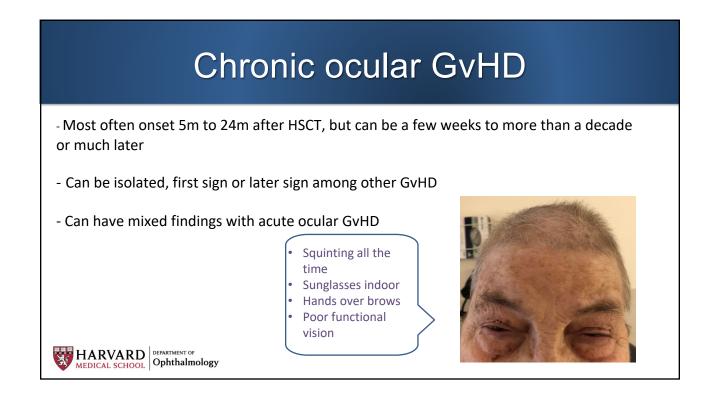
Most often occurs within first 3 months after HSCT, but can be much later

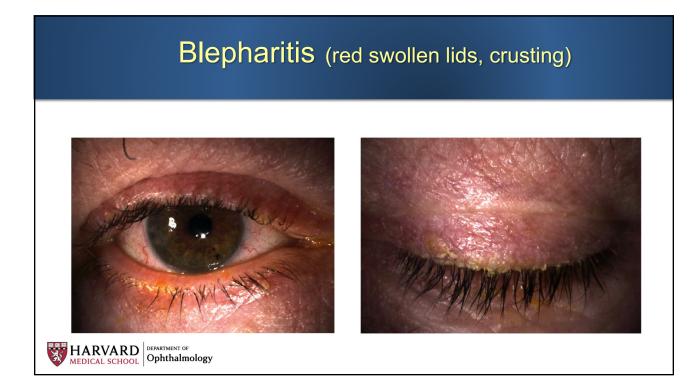
- skin rash
- elevated liver enzymes
- digestive system dysfunction

The eyes can be significantly affected



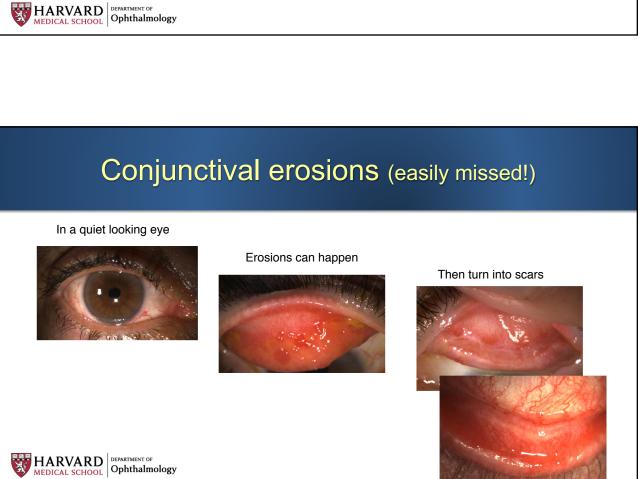
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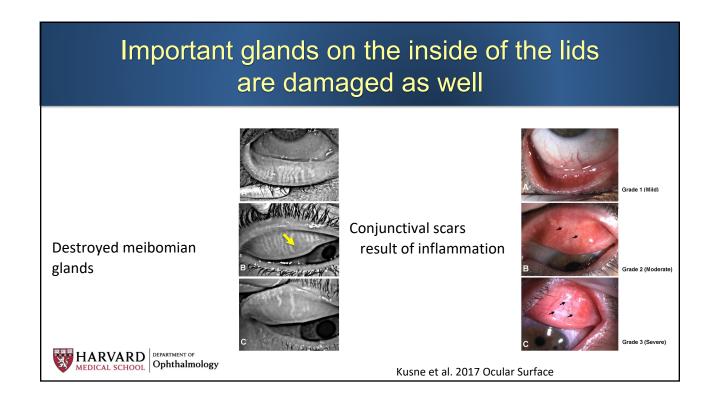




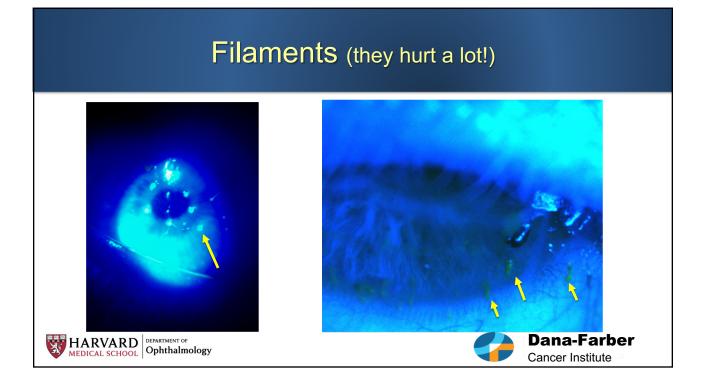
Blepharitis (lid margin ulceration, foamy discharge)





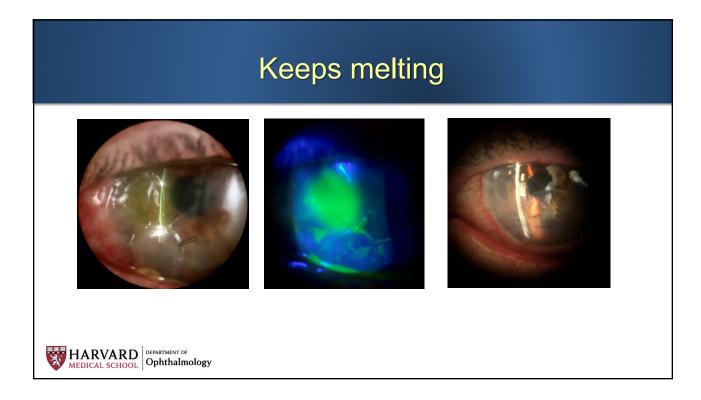


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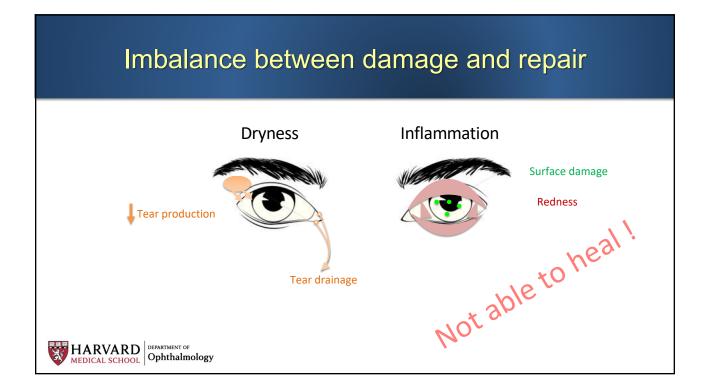


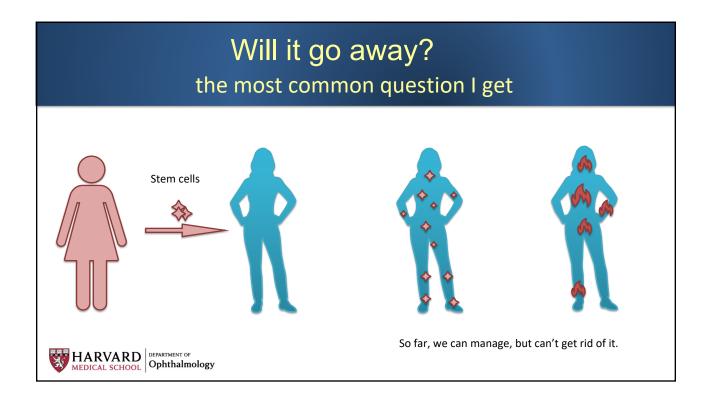
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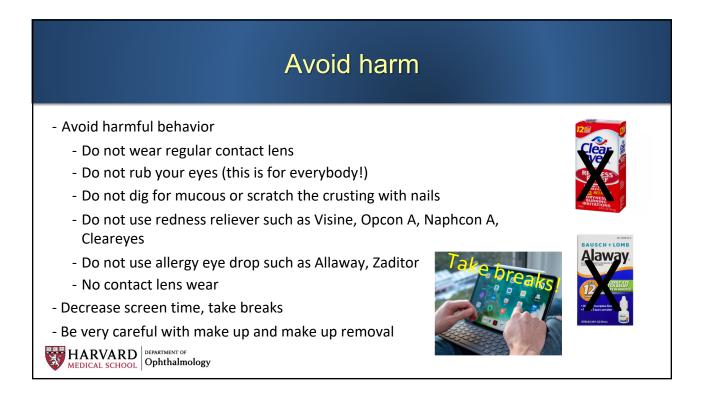












The eye is red because it's in pain

• Not infectious conjunctivitis

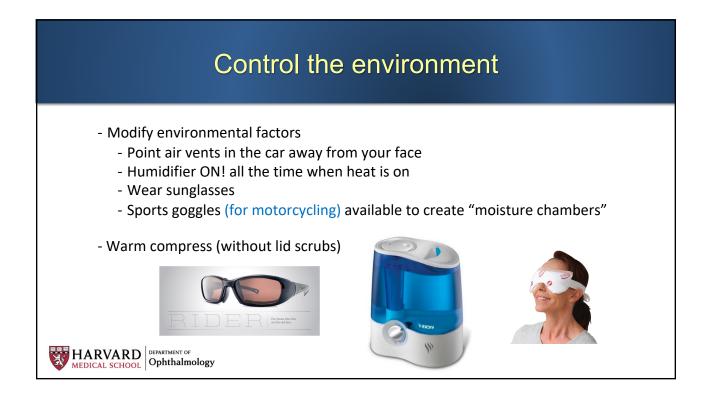
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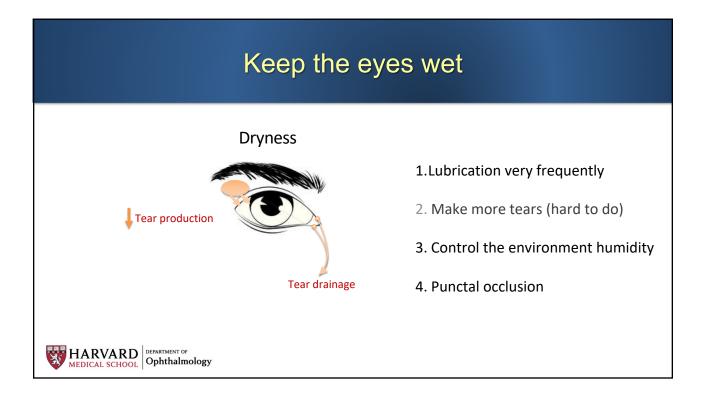
- Erythromycin doesn't really work
- Visine is TOXIC!

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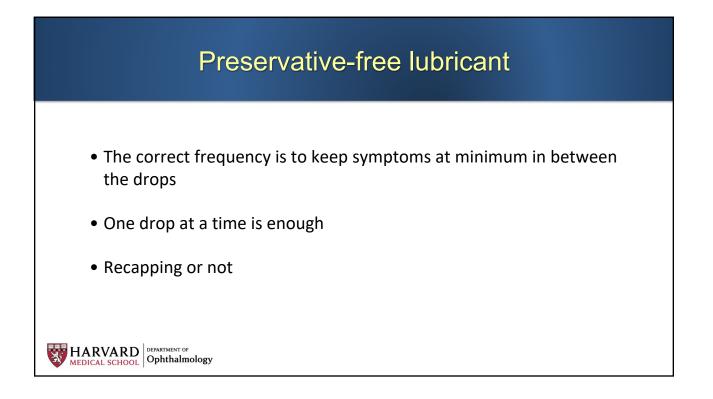
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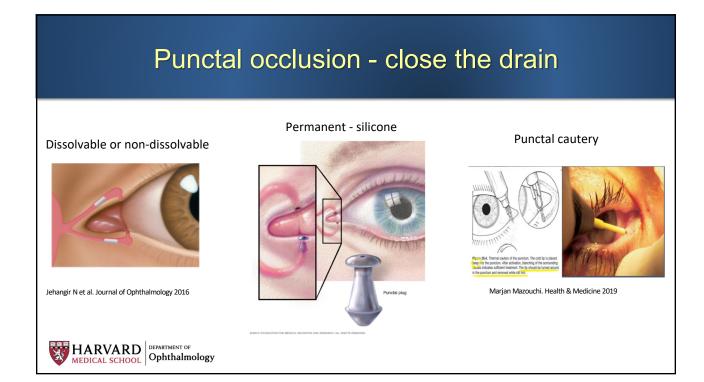


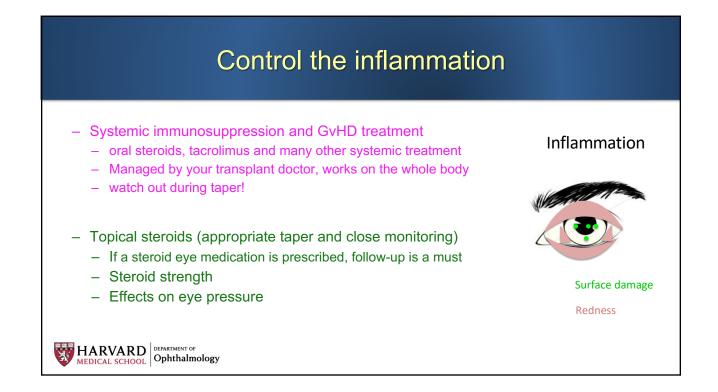


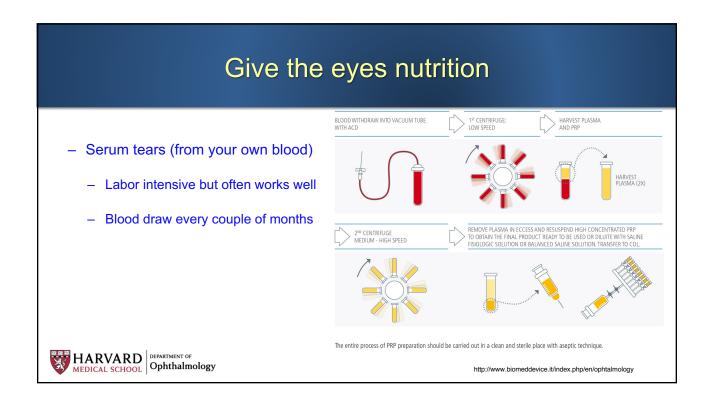








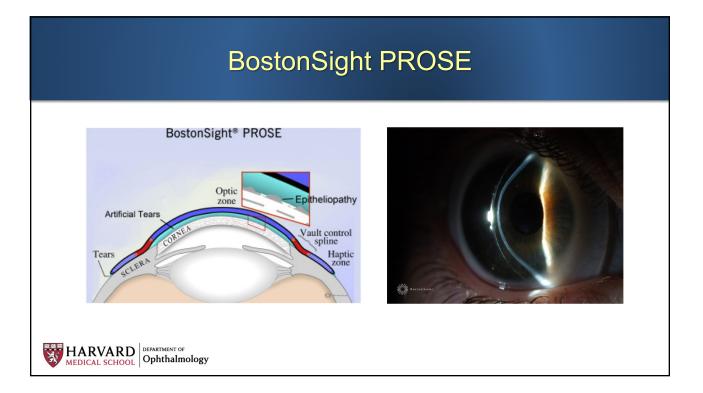


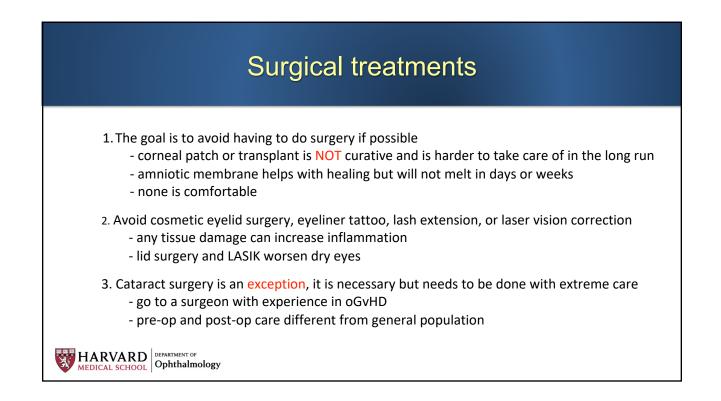


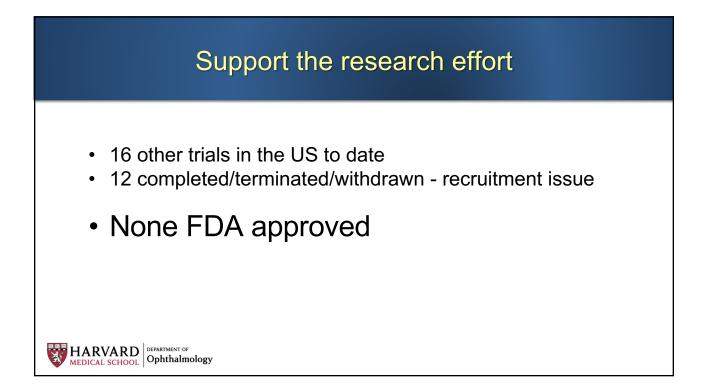
Therapeutic scleral lens

- 1. These are NOT regular soft or hard contact lens
- 2. They are fitted only by an optometrist who had special residency training
- 3. Your transplant doctor or GvHD eye doctor's referral is needed
- 4. High cost, poor insurance coverage, steep learning curve, but life-changing result for many
- 5. Major ones are:
 - Boston Sight (<u>www.bostonsight.org</u>)
 - GP lens Institute (<u>www.gpli.info</u>)
 - EyePrintPro (<u>www.eyeprintpro.com</u>)

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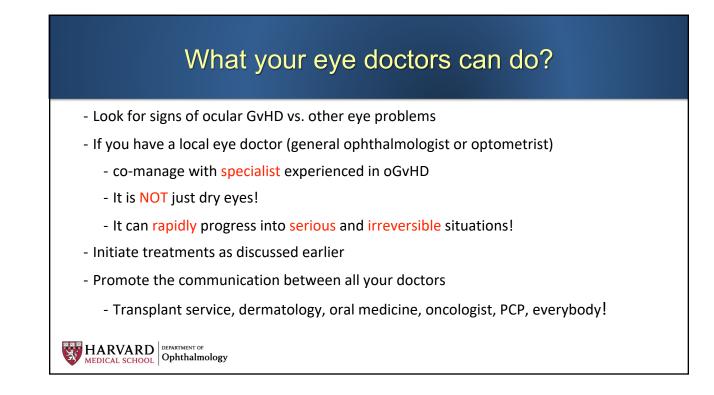












It is "we" and "us" working together!

First, understand the problems

Second, avoid preventable damage

Third, invest (commit) in management

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