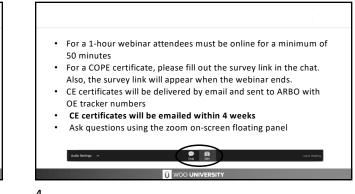
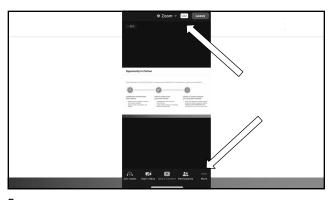
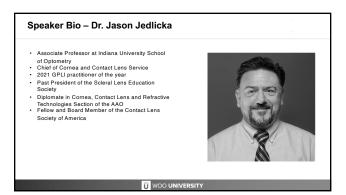




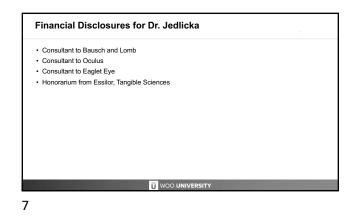
Thank you to Tangible Science for exhibiting at this event!







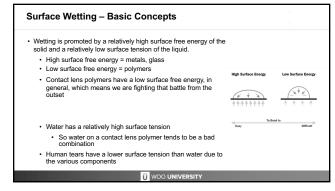




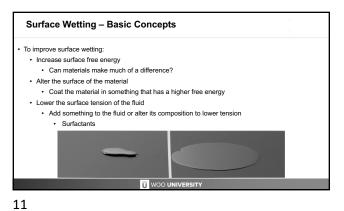


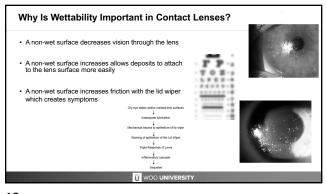
Wettability Wetting is the ability of a liquid deposited on a surface to spread out and maintain contact with that surface Excellent Wetting **Ü** WOO UNIVERSITY









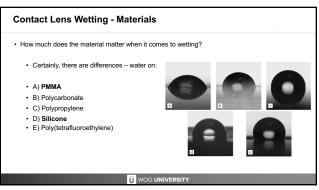


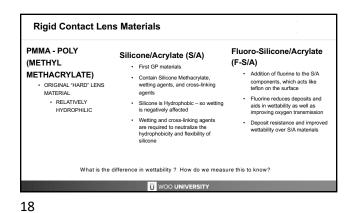




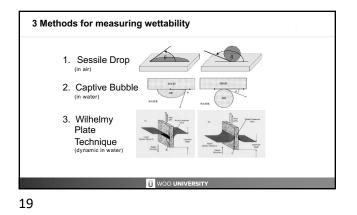




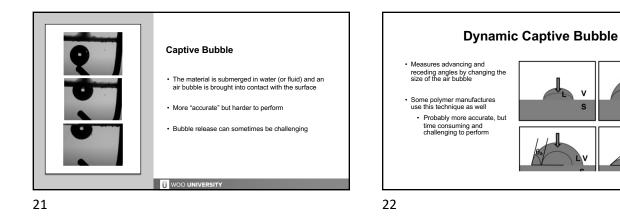


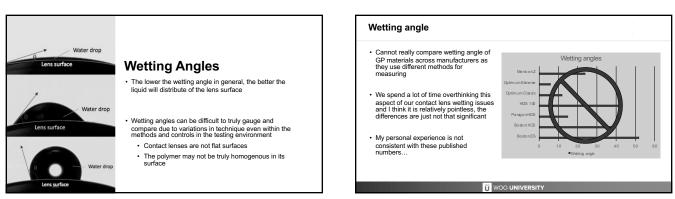


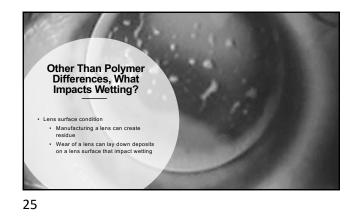
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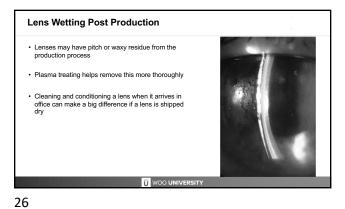


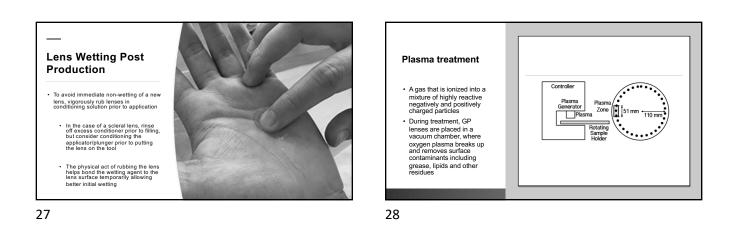


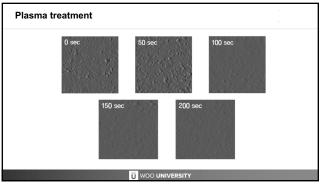


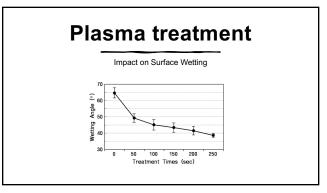


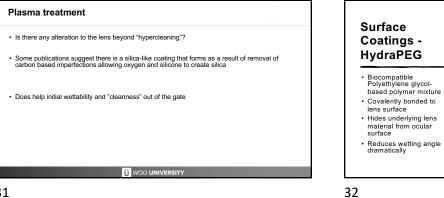




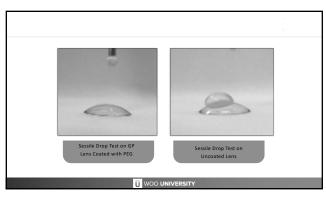




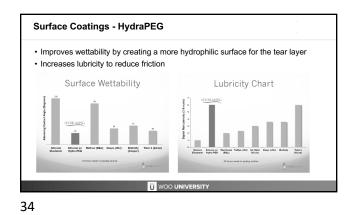








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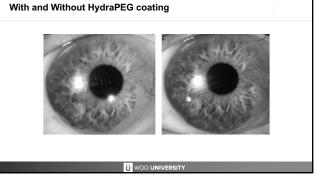


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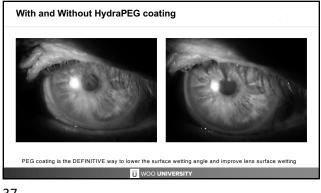
Contact lens with HYDR A4PEC

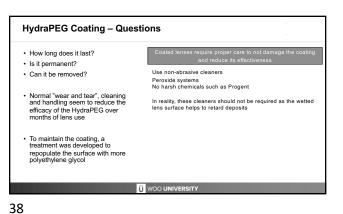


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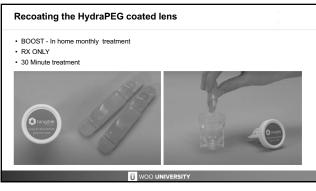




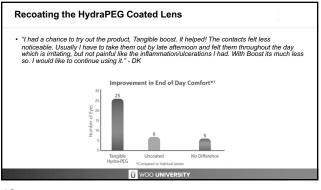




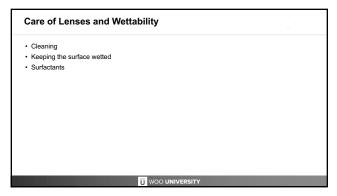






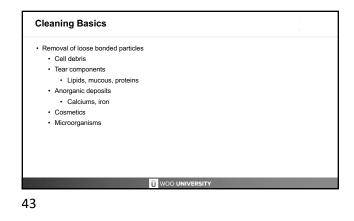


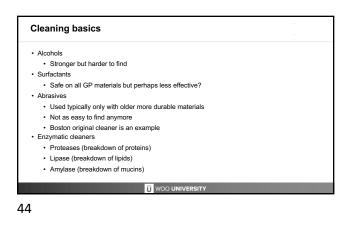


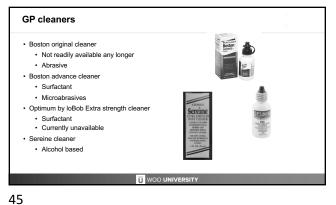












GP Cleaners

Progent

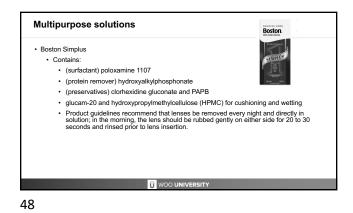
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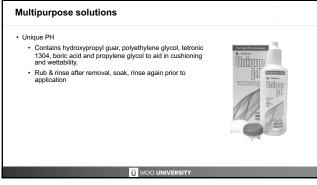


- · For monthly use
- The mixture of two sterile solutions, PROGENT A (sodium hypochlorite, sodium carbonate, sodium hydroxide, purified water) and PROGENT B (potassium bromide, sodium carbonate, purified water)
- PROGENT A and B are mixed in a PROGEnt vial
- Allow lenses to soak in the PROGENT solution mixture for 30 minutes. Soaking for longer than 30 minutes is not recommended.

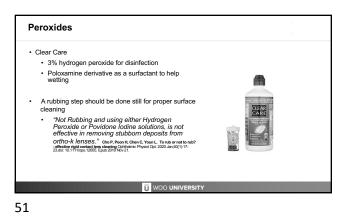
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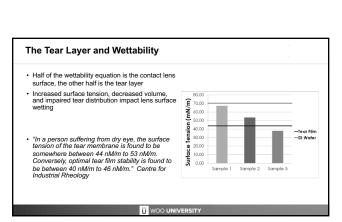








Ocular Health and Wettability

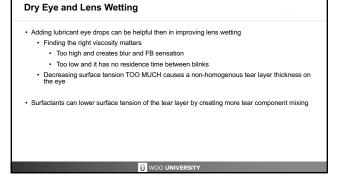


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Cleaning and Storage Solutions

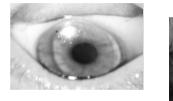
- · Always ensure proper use of cleaning agents with patients
- Sometimes patients are not following all the steps correctly
- Rarely are wetting problems truly about the material, solution, or lens manufacturing
- Focus on the tear layer and surface treatments and maintaining those surface coatings over time with recoatings

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GP Lens Non-wetting

- 53 yo female presents for follow up of persistent lens non-wetting
- New lenses ordered x 2, new cleaning solutions recommended all with no improvement





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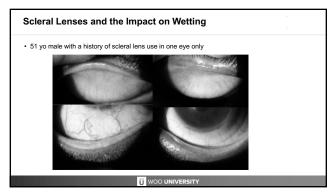
57

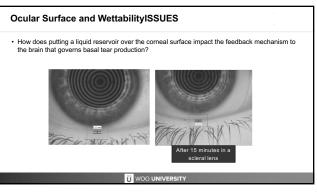


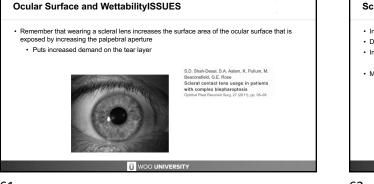
- · Make the lens as comfortable as possible to as to encourage proper blinking
- Remind of the need to fully blink
- Make sure the patient uses lubricant drops throughout the day
- · PEG coating keeps the lens surface wetted even when blinking is compromised
- "Set aside five one minute sessions a day for two weeks spread throughout the day. Into each
 of the minutes, cram fifty full blinks look into each of the five forward directions (up, down, left,
 right, straight) blink ten times into each direction (5x10) it takes far less than fifty seconds; much
 less than a minute. These blinks are not ight lid-squeezes, but closures. It is best to do them
 with RGP's in place to get the feel of it. " Bezale Schendowich, O.D.

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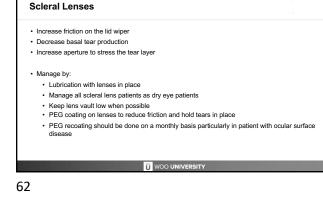












Summarizing Wetting of GP Lenses

- Many times we think non-wetting is a material or manufacturing problem
- Most of the time it is either the patient's bad habits, dry eye disease, or lid wiper problems
- Make sure the patient learn proper technique for care including rubbing lenses and using the right solutions properly
 Make sure up manage had babils like some blinking or improve and patients
- Make sure you manage bad habits like poor blinking or improper care regimens and make sure the lens is made as comfortable as possible for the patient so they don't try to adapt out of blinking
- Add lubricants / surfactants to the patients daily routine
- Plasma treat lenses to ensure they are as clean as possible out of the gate
- Surface coat lenses with HydraPEG to significantly lower wetting angle and reduce friction so as to spare the lid wiper health
- Maintain the HydraPEG with proper care solutions and repopulating the coating monthly with Boost
 Aggressively treat lid wiper epitheliopathy when found

