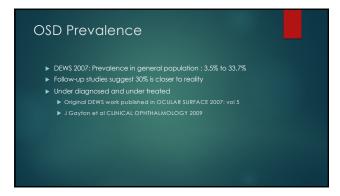


**KEY POINTS**  Dry Eye is under diagnosed and under treated in the cataract patient Dry Eye affects accuracy of preoperative testing and can result in postoperative refractive errors ► High suspicion ▶ When in doubt treat ▶ Be aggressive then back off

2



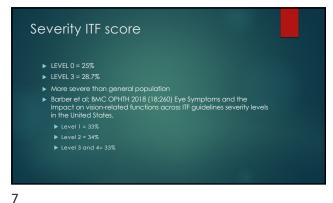
PHACO STUDY 2017 ▶ 143 patients 55 years old or older scheduled for routine cataract surgery ➤ Goal: determine the incidence of dry eye and its severity and to assess the signs and symptoms of dry eye in this patient population Exclusion: patients already using cyclosporine eye drops or with previous ocular surgery ▶ Questionnaire for symptoms

3 4



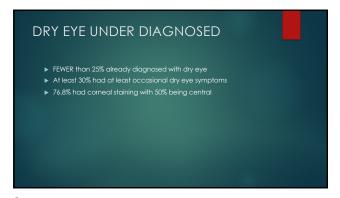
International Task Force (ITF)Severity 

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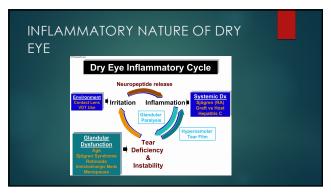
PHACO STUDY Subjective Questionnaire

8



CO-MORBIDITIES ► CONTACT LENS WEAR

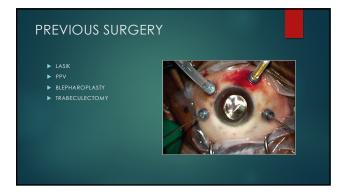
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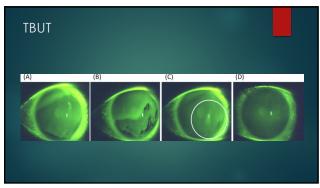








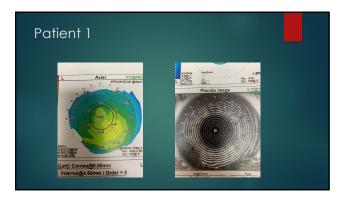






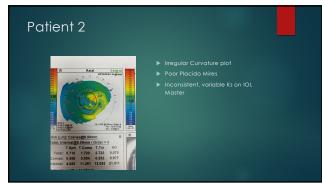






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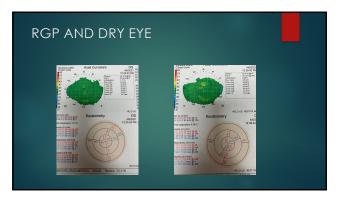




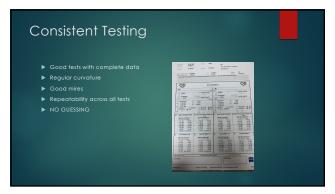
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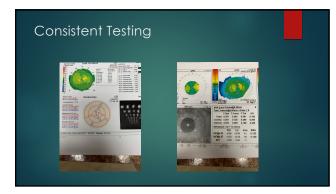












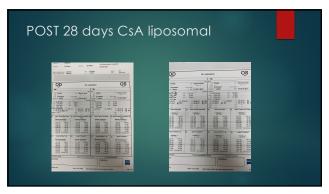


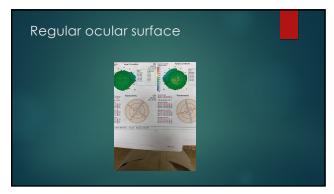






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Treatment

➤ Geared toward first accurate testing and good recovery

➤ Mainstay is still artificial tears, prefer preservative free

➤ Warm compresses with gel mask, Bruder mask etc., generally helpful

➤ Liposomal CsA or liftegrast for 4 weeks before re-test

➤ Soft steroids: Lotemax or EYsuVIS or at least flurometholone, particularly if insurance balks at CsA or liftegrast

➤ Caution with ointments for these patients: affects tear film in testing

➤ Plug after 4 weeks if not good enough

➤ Anniotears postop or Vital tears

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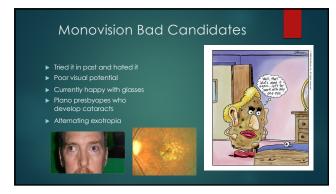


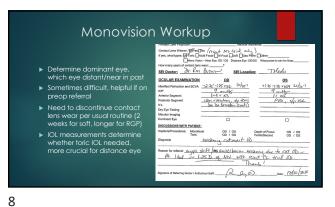


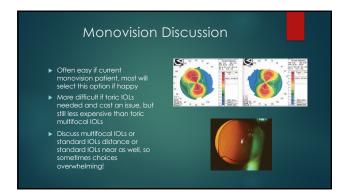














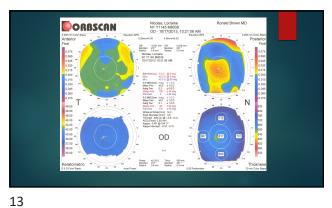
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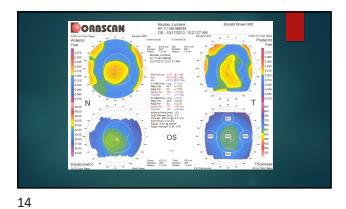




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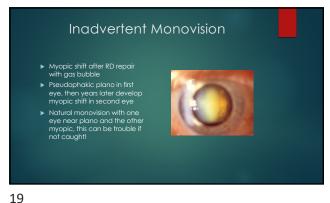


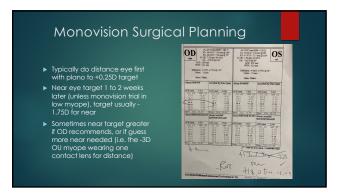












Beware of Young Patients ▶ 50 yo with cataracts may have monovision with -1D in near eye Available Diopters of Accommodation by Age ▶ BUT... if they end up -2D in monovision near eye, distance will be worse ➤ These patients may feel like they saw better before cataract surgery, require extra counselling May be better multifocal IOL candidate

What about LASIK patients? Monovision great option for post-LASIK cataract patients Multifocal IOLs can create difficulties after LASIK, especially with very flat corneas and higher order aberrations Generally I recommend monofocal or toric IOLs, sometimes with monovision target

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