

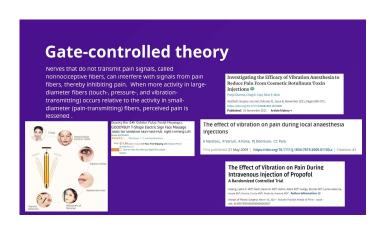


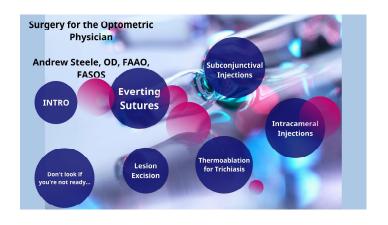




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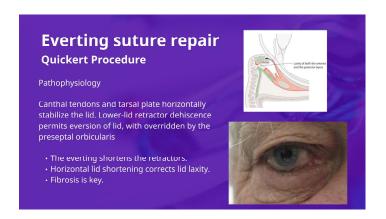








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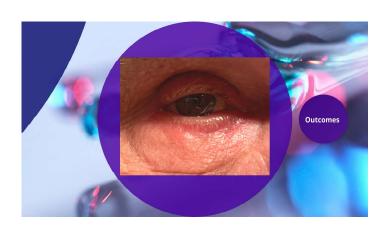






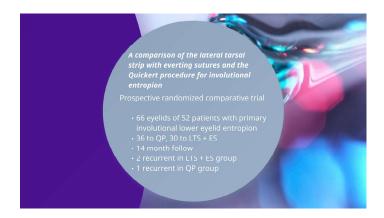
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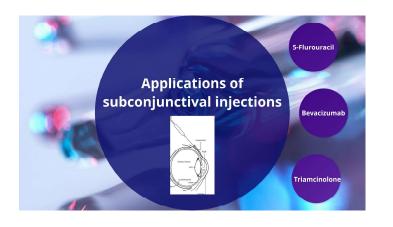


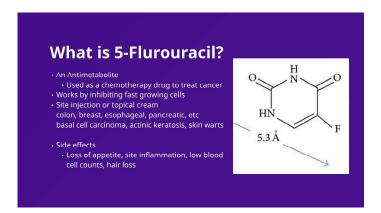
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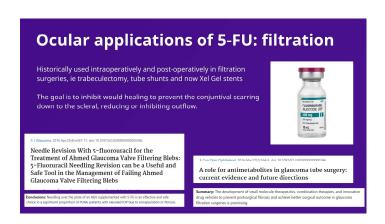


23. 24.





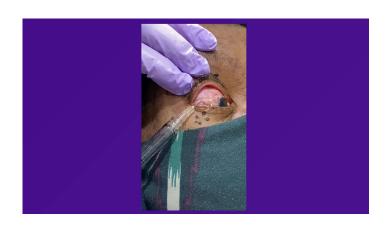
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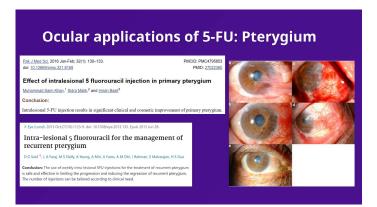


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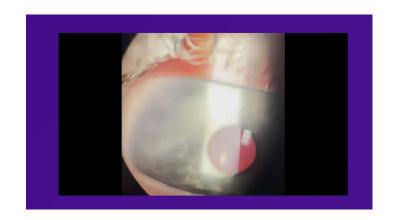
33.

Ocular applications of 5-FU: Chalazion Prographic Use of 5-Fluorouracil in Chalazion Treatment John Mohar Morey Trasman Mohadjer, Adod Rahman Zakiet, Mrs Shisado, Marian Macus Publication 138 cases of chalazions treated with injections of a 9:1 mixture of 5-FU:triamcinolone from two institutions 64% completely resolved with 1 injection There were no cases of hypopigmentation, increased IOP, or CRAO 158 (128) Demographic Clinication Previous destination Demographic Clinication Female 157 (15%) Ape (years) (1-5 ID) Female 158 (128) Ape (years) (1-5 ID) Ape (years) (1-5 ID) Female 158 (128) Ape (years) (1-5 ID) A











39.

Subconjunctival Anti-VEGF: filtration

Several studies evalute the use of subconjunctival anti-VEGF as adjunct therapy to filtration surgeries

Many of the reports have shown a difference in bleb morphology in eyes treated with anti-VEGF agents. Early postoperative results have shown less vascular and more diffuse blebs compared to MMC or 5FLI.

Conclusion: use both 5 FU (MMC) and Anti-VEGF b.6. Grewal D. S., Jain R., Kumar H., Grewal S. P. Evaluation of subconjunctival bevacizumub as an adjunct to trabsculectomy a pilot study. Ophthalmology. 2008;115(12):2141–2145. doi: 10.1016/j.ophtha.2008.06.009. [Pubbled] [CrossRef] [Googele Scholar]

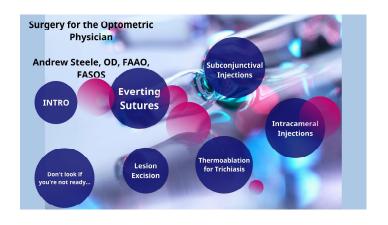
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 Pro M. J., Freidl K. B., Neylan C. J., Sawchyn A. K., Wizov S. S., Moster M. R. Ranibizumab versus mitomycin C in primary trabel-culectomy—a pilot study. Current eye Research. 2015;40(5):510–505.
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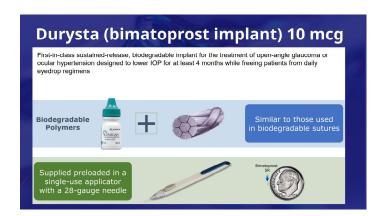
Landitation (Landitation Landitation) and Kittigotopaisan K., Tantisiarasart T., Wangsupadilok B. Efficacy of adjunctive subconjunctival bescazimanh on the outcomes of primary trabeculectomy with unimorpic IC: prospective modomized placebe-controlled trial. Journal of Gilamonus. 2015;24(8):600-606. doi: 10.1097/LIC.000000000000194 [PMC free article] [PubMed] [CrossRef] [Google Scholar]



41. 42.

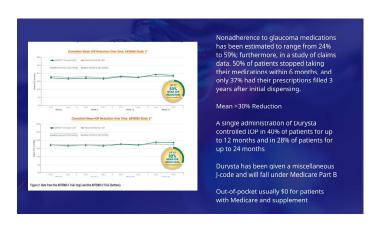


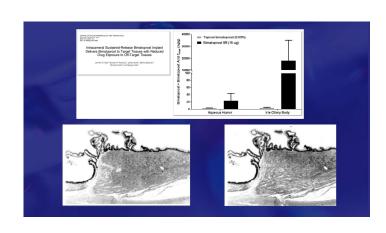


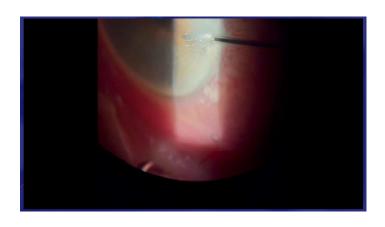


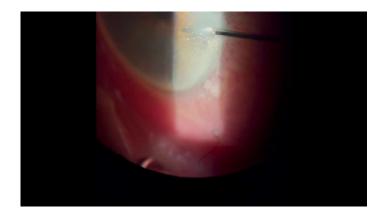


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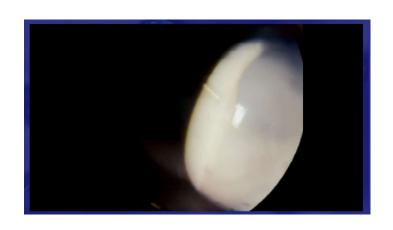


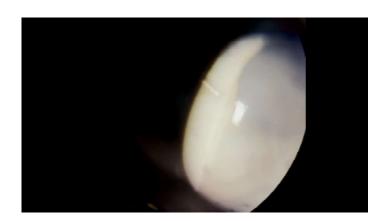




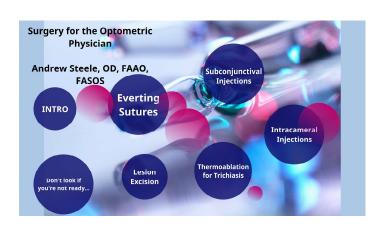


49. 50.





51.





53. 54.









57.





59. 60.



Chalazion Treatment

- Observation
- Intralesional injection
- Intense Pulse Light (IPL)
 - New non-invasive method of treating local inflammation
 - Specially focused light helps kill bacteria
 Heat melts away melbomian plug
 - Improvement in little as 24 hours
- Incision and Drainage



62.

Chalazion Treatment

- Observation
- Intralesional injection
- Intense Pulse Light (IPL)
- Incision and Drainage
 - Remains standard of care for medium to large lesions
 - Make your mark!
 - 2% lidocalne with epinephrine injected pretarsal and (sub-conjunctively?)
 - 30 gauge needle
 - Allow medicine to settle for 5-10 minutes

Chalazion Treatment

- Observation
- Intralesional injection
- Intense Pulse Light (IPL)
- Incision and Drainage
 - Clean periorbital area with antiseptic solution
 - Place chalazion clamp (orientation is important)
 - Evert the lid
 - Using 11 blade, stabbing vertical incision along the affected meibomian gland
 - Then consider "crossing the t"

63. 64.

Chalazion Treatment

- Observation
- Intralesional injection
- Intense Pulse Light (IPL)
- Incision and Drainage
 - Using a small curette, gently scape out the contents of the cyst
 - Curettes have sharp edges, useful in scoring the inner surface of the cyst wall
 Excise the corners of the cross-shaped incision with Wescott scissors
 - Topical antibiotic (Rx for TID for 3 days)
 - Pressure patch vs thermal cautery
 - Typical resolution 1 week (due to anesthesia swelling)

Equipment

- Lidocaine 2% with Epinephrine
- 30 gauge needle
- Chalazion Clamp
- 11-Blade ■ Curette
- Westcott scissors
- Surgical gauze, sterile gloves, sterile cotton tips, tape, eye patch

65. 66.







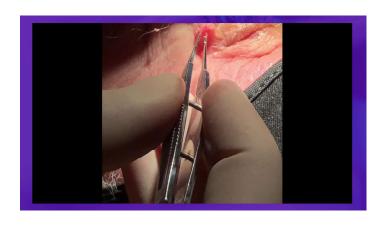


69. 70.





71. 72.





73. 74.





75. 76.





77. 78.



Questions?

Andrew Steele, OD, FAAO Bennett & Bloom Eye Centers andrewjosephsteele@gmail.com

9. 80

