
**Biocornea**


**Ologen® Collagen Matrix**


29. Anguelov B. Trabeculectomy with absorbable suture of the scleral flap and...


Footnotes:

* OculusGen™ used in the study is the prototype brand name and has been renamed into ologen® Collagen Matrix in July 2007 with enhanced biocompatibility, longer biodegradation time in accordance with the wound healing process, and more pressure sustainability and resistance to humidity. "ologen® Collagen Matrix" has also improved for better performance and efficacy in terms of IOP control and overall surgical outcomes, which can be shown in the preliminary meta-analysis based on the SCI publications available to date. The meta-analysis publications will be reviewed and published some time in the future.

# In this review, all the references cited under Oculusgen collagen implant (references no. 42-46) were originally referred to ologen® Collagen Matrix.

(B). Scientific program (content available upon request)

1. The 2013 APAO-AIOS Congress; Jan 17-20, 2013, Hyderabad, India.
    Sathyan P, S Sirisha (ologen vs. MMC). Safety and efficacy in randomized controlled trials and enabling surgical tips.
    R Ritch. The Use of ologen in Filtration Surgery (GL-SS08).

T S Dietlein. ologen® for surgical treatment of exposed tubes after GDD surgery.

Tharwat Mokbel. Trabeculectomy with ologen.

S B, Lee. ologen Collagen Matrix in repair of sclera thinning.
A, Rakib. ologen Collagen Matrix in pterygium excision.
J H, Son. ologen Collagen Matrix in oculoplastic surgery (DCR & socket reconstruction etc).
S Noman. ologen Collagen Matrix in trabeculectomy (complicated and secondary glaucoma cases).

R. Ritch. Novelty design of ologen® Collagen Matrix to improve surgical success rate without MMC.
S. Cillino. A 2-year randomized study of ologen® Collagen Matrix vs. MMC.
S. Sarkisian. Recent advances in glaucoma surgery - Clinical experiences of ologen® Collagen Matrix in over 1000 ocular surgeries.
Z. Sbeity. ologen® Collagen Matrix in revision of filtering surgery.
P. Sathyan. Experiences & practical tips of ologen® Collagen Matrix in Indians.
S. Rao. ologen® Collagen Matrix in developing countries – A replacement for MMC?

Scientific Programs:


   J. Lai. Can MMC be replaced: Collagen matrix for eye tissue repair. R 341. Trabeculectomy with ologen® and MMC.


8. The 2010 World Ophthalmology Congress (WOC); June 5-9, 2010, Berlin.
   Campos EC. Can MMC be replaced: ologen® for eye tissue repair. H9. Use of ologen® collagen matrix in strabismus surgery

9. The 5th International Congress on Glaucoma Surgery (ICGS); November 11-13, 2010, New Delhi, India.
   Rao BS. Plenary Session 1-Trabeculectomy: The state of the art. PL1.5: Improving success of trabeculectomy.
   Sharmila R. Plenary session 6-Wound Healing: The eye under control. PL6.5: Trabeculectomy with subconjunctival biodegradable implant (ologen) for the treatment of glaucoma.

Kusumesh R. Plenary session 6-Wound Healing: The eye under control. PL6.8: Outcome of trabeculectomy with combined use of subconjunctival collagen implant and mitomycin c.


Ariga M, Crowston J. Instruction Course 10 (basic)-Wound healing: Practical considerations.

10. The 2008 ASCRS-ASOA Symposium and Congress; April 4-9, 2008, Chicago, USA.


(C). Conference papers and presentations (2008-present)

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1. Van Essen TH, Lin CC, Lai HJ, Hussain AK, Jager MJ, Luyten GPM. A Biocornea Of Fish Scales - First Results Of A Research Model. 6038/D859. ARVO annual meeting; May 6-10, 2012, Ft. Lauderdale, USA.

2. Hos D, Bock F, Regenfuss B, Onderka J, Lin CC, Lai HJ, Cursiefen C. Reduced Hem- And Lymphangiogenesis Into A Fishscale-derived Collagen Scaffold Used As Biological Artificial Cornea (BioCornea). 040/D861. ARVO annual meeting; May 6-10, 2012, Ft. Lauderdale, USA.


6. Van Essen TH, Lin CC, Lai HJ, Hussain AK, Luyten GPM, Jager MJ. A biocornea of fish scale- evaluation of a research model. PNO 4088, Association for Research in Vision and Ophthalmology annual meeting; May 1 – 5, 2011, Fort Lauderdale, USA.
ologen® Collagen Matrix

1. Hamdi M. EP-GLA-310 Trabeculectomy with collagen matrix implant (Ologen) in primary congenital glaucoma. The 2013 EGS Meeting; June 7-11, Copenhagen, Denmark.

2. Hamdi M. EP-GLA-311 Collagen matrix implant (Ologen) in glaucoma surgeries; precautions for a better control of intraocular pressure. The 2013 EGS Meeting; June 7-11, Copenhagen, Denmark.


8. Bordeianu C. Medium-term results after trabeculectomy on scarred conjunctiva, using fibrogenesis modulators (ologen) and fibrogenesis inhibitors (5-FU). The XXX Congress of ESCRs; September 7-12, 2012, Milan, Italy.

9. Hamed Y. Biodegradable collagen matrix (ologen) with low dose mitomycin-C in bleb revision cases post failed trabeculectomy. The XXX Congress of ESCRs; September 7-12, 2012, Milan, Italy.


12. Dietlein TS, Rosentreter A. Secondary subconjunctival implantation of biodegradable porous collagen matrix for treating ocular hypotony.
10. Following trabeculectomy with mitomycin C. P 5.10 2012 EGS Congress; Jun 17-22, Copenhagen, Denmark.


15. Rosentreter A, Konen W, Dietlein TS, Hermann M. Histopathologic findings in explanted ologen Implants. 203 Glaucoma: surgery or wound healing – GL. 2012 ARVO; May 6-10, Ft. Lauderdale, USA.


17. Sathyan P. Type I collagen matrix (ologen) implant with trabeculectomy-control 2 chambers with one sponge. VI-GLA-10 Video Presentations: Glaucoma. The 2012 WOC; Feb 16-20, 2012, Abu Dhabi, UAE.


29. Rosentreter A, Schild AM, Gaki S, Mellein AC, Dietlein TS. The ARVO 2011 Annual Meeting; May 1-5, 2011, Fort Lauderdale, USA.

30. Rouse JM, Sarkisian SR. Trabeculectomy Using Collagen Matrix Implant: A retrospective Review on 1-Year Data. AGS, 21st Annual Meeting; March 3-6, 2011, Dana Point, California, USA.


32. Tzvetkova B, Anguelov B. The 9th Congress of the EGS; September 12-17, 2010, Madrid, Spain.


35. Rosentreter A, Schild AM, Jordan JF, Kriegstein GK, Dietlein TS. A Prospective Randomized Trial of Trabeculectomy Using Mitomycin C vs. an Ologen Implant in Open Angle Glaucoma. The ARVO 2010 Annual Meeting; May 2-6, 2010, Fort Lauderdale, USA.


38. Ogle J, Lim BA. 12.8.5 Surgical Treatment: Filtering surgery: Other. WGC 2009; July 8-11, 2009, Boston, USA.


41. Chen HS-L, Hsu W-C. 12.8.2 Surgical Treatment: Filtering surgery: With tube implant or other drainage devices. WGC 2009; July 8-11, 2009, Boston, USA.


53. Lim BA, Ogle J. GC-D1-166 The Use of Biodegradable Collagen Implant in Trabeculectomy. WOC 2008; June 28-July 2, 2008, Hong Kong.


Footnotes:
* Before year 2008, there are 26 ologen posters or presentations presented in the international Conferences.

** OculusGen™ Collagen Matrix has been renamed into ologen® Collagen Matrix in July 2007. The implants used in this study are OculusGen™ Collagen Matrix. The material constituents and the physical properties of OculusGen™ Collagen Matrix has been improved and upgraded for better performance and efficacy. This becomes ologen® Collagen Matrix. Furthermore, when ologen® Collagen Matrix is applied in trabeculectomy, loose suture on the sclera flap is strongly recommended.