Aeon Astron Europe B.V.

Publication list

😊 = highlight article.


Biocornea


Biobone


ologen® Collagen Matrix


9. Stephens JD, Sarkisian, Jr. SR. The use of collagen matrix (Ologen) as a patch graft in glaucoma tube shunt surgery, a retrospective chart review.


34. 陈秀萍, 董春琼, 袁非. 翼状胬肉切除联合 ologen 植入术后三年随访。 中华全科医师杂志. 2014;13(09):796-797.


86. Ritch R. **Using Bioengineered Collagen Matrix During Trabeculectomy-Biodegradable polymer implants show promise for improving the function of filtering blebs.** Glaucoma Today. 2007.
Footnotes:

* OculusGenTM 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 were originally referred to ologen® Collagen Matrix.

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

1. The congress of the European Society of Ophthalmology(SOE), June 6 – 9, 2015, Vienna.

   ❖ Aleksandra Właż, Agnieszka Wilkos-Kuc, Agnieszka Rozegnal-Madej, Tomasz Żarnowski; Evaluation of the efficacy of collagen matrix implants (Ologen®) in comparison with mitomycin C for intraocular pressure reduction in phacotrabeculectomy

2. The 119th JOS(日本眼科学会总会), April 16-19, 2015 in Sapporo, Japan

   ❖ 千照会・千原眼科 千原悦夫、林 妍; 多孔性インプラント Ologen を用いた緑内障手術の成績

3. The 5th International Forum of Ophthalmic Surgery; 2015, Katowice, Poland


KoHua Chen: Fish scale collagen as feeder layer for corneal endothelial cell-sheet preparation.

5. The 2014 American Academy of Ophthalmology (AAO); Oct. 18-21, Chicago, U.S.A.
   - S. Sarkisian: Preventing scarring in Glaucoma Filtration Surgery.
   - S. Vold: Micro invasive Glaucoma Surgery into Clinical Practice.

   - Angelo Tanna: An RCT in USA: ologen® Collagen Matrix vs. MMC in Trabeculectomy- The One-Year Interim Results
   - Salvatore Cillino: ologen® Collagen Matrix vs. MMC in Trabeculectomy- A Five-Year Update
   - Steven Sarkisian: Collagen Matrix Implant As A Wound Modulator in Trabeculectomy With The Ex-PRESS™ Mini Glaucoma Device
   - Zaher Sbeity: Bleb Revision Surgery and ologen® Collagen Matrix
   - Kyoung Yul Seo: The Repair of Scleral Thinning With ologen® Collagen Matrix

   - D Godfrey: ologen Collagen Matrix: the US experience
   - S Vold: the Ex-Press ologen technique
   - R Fellman: painful bleb? Revision surgery and ologen CM.
   - N Hasanova: case report: ologen CM in congenital glaucoma
   - M Moussalli: keys to Success with logen CM in trabeculectomy and NPDS

8. 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.


S. Rao. ologen® Collagen Matrix in developing countries – A replacement for MMC?

Scientific Programs:


S. Sarkisian. ologen® Collagen Matrix implant. IS-GLA-FR 57 Hall 11. Symposium on “Recent Advances in Glaucoma Surgery” by WGA.


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


- Campos EC. Can MMC be replaced: ologen® for eye tissue repair. H9. Use of ologen® collagen matrix in strabismus surgery

15. 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.

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

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

**Biocornea**


2. KoHua Chen, *The preparation scale collagen as feeder layer for corneal endothelial cell-sheet for DSAEK graft*. 7th World Congress on Preventive and Regenerative Medicine (WCPRM), Nov 4-7, 2014 Taipei, Taiwan.

3. 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.

4. 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.


8. 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.

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5. Tran Anh Tuan, Trinh Bach Tuyet, Bui Thi Thu Huong, To Ky Anh, Nguyen Hoang Phuc. Trabeculectomy with Ologen™ (OLO) versus trabeculectomy with mitomycin - C (MMC) for the treatment of glaucoma: a 6-month, randomized clinical trial. The AOS 2014, July 9-11, Bangkok.


10. Babak Eliassi-Rad. PO678 Use of Collagen Matrix (Ologen) as an Adjunct with Trabeculectomy or Phacotrabeculectomy. The 2014 WOC; Apr 2-5.

12. Momen Hamdi. **PO538** Collagen Matrix Implant (Ologen) in Glaucoma Surgeries; Precautions for a Better Control of Intraocular Pressure. The 2014 WOC; Apr 2-5, Tokyo.

13. Momen Hamdi. **PO703** Trabeculectomy with Collagen Matrix Implant (Ologen) in Primary Congenital Glaucoma. The 2014 WOC; Apr 2-5, Tokyo.


15. Oluwatosin Smith, David Godfrey, Davinder Grover, Michelle Butler, Ronald Fellman. **P40** Surgical Outcomes Following the Use of a Biodegradable Subconjunctival Collagen-Glycosaminoglycan Matrix in Revisions of Late-Onset Glaucoma Filtering Bleb Leaks. The 2014 AGS; Feb 27-Mar 1, Washington DC.


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

28. 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.


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

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


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


41. 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.

42. Wisam S. The Outcome of Trabeculectomy Using a Collagen Matrix Implant. FP-GLA-MO 397 Free Paper: Glaucoma. The 2012 WOC; Feb 16-20, 2012, Abu Dhabi, UAE.

43. 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.


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

56. 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.


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


61. 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.


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


79. 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.

Abbreviations: AAO, American Academy of Ophthalmology; APAO, Asia-Pacific Academy of Ophthalmology; ARVO, Association for Research in Vision and Ophthalmology; ASCRS, American Society of Cataract and Refractive Surgery; ASOA, American Society of Ophthalmic Administrators; DOG, Deutsche Ophthalmologische Gesellschaft; EGS, European Glaucoma Society; ESCR, European Society of Cataract and Refractive Surgeons; ICGS, International Congress on Glaucoma Surgery; MEACO, Middle East African Council of Ophthalmology; SEAGIG, South East Asia Glaucoma Interest Group; SOE, European Society of Ophthalmology; WGC, World Glaucoma Congress; WOC, World Ophthalmology Congress.