

Veröffentlichungen - Prof. Dr. Frederik RAISKUP, Ph.D., FEBO:

Kapitel in Monographien:

Hafezi, F. and Randleman JB. Corneal Collagen Cross-linking. First edition. Thorofare, NJ, USA. SLACK Incorporated, 2013. Chapter 23: Summary of commercially available corneal collagen cross-linking units. p. 153-161

Feder, RS. The LASIK Handbook. Second edition. Philadelphia, PA, USA. LIPPINCOTT WILLIAMS & WILKINS, a WOLTERS KLUWER business, 2013. Chapter 12: Collagen cross-linking for ectasia following keratorefractive surgery. p. 134-142

Pinelli, R. and Leccisotti A. Keratoconus surgery and cross-linking. First edition. New Delhi: Jaypee Brothers Medical Publishers Ltd, 2009. Technique of Collagen Cross-linking with Riboflavin and UVA-light. p. 13-21

Rozsival, P. Trendy soudobé oftalmologie, 5. Svazek. První vydání. Praha: Nakladatelství Galén, 2008. Kap. Crosslinking pomocou riboflavínu a UVA-žiarenia pri ektatických degeneráciach rohovky. str. 63-81

Artikel:

1. Rusňák Š, Maranová Z, Kasl Z, Hecová L, Voigt E, **Raiskup F**. Severe Eyeball and Facial Skeletal Injuries Caused by Firefighting Sport. Klin Monbl Augenheilkd. 2016 Aug 10. [Epub ahead of print] **IF 0,665**
2. Gatzoufas Z, **Raiskup F**, O'Brart D, Spoerl E, Panos GD, Hafezi F. Transepithelial Corneal Cross-linking Using an Enhanced Riboflavin Solution. J Refract Surg. 2016 Jun 1;32(6):372-7. **IF 3,314**
3. **Raiskup F**, Terai N, Veliká V, Spörl E. [Corneal Cross-Linking with Riboflavin and UVA in Keratoconus]. Klin Monbl Augenheilkd. 2016 Apr 7. [Epub ahead of print] **IF 0,665**
4. Lenk J, Haustein M, Terai N, Spoerl E, **Raiskup F**. Characterization of Ocular Biomechanics in Pellucid Marginal Degeneration. Cornea. 2016 Apr;35(4):506-9. **IF 2,042**
5. **Raiskup F**, Veselá M, Veliká V, Spörl E. Hornhautvernetzung beim Keratokonus: "Epi-off" oder "Epi-on"? Klin Monbl Augenheilkd 2015 Dec;232(12): 1392-1396 **IF 0,665**
6. **Raiskup F**, Hillen M. Corneal cross-linking can halt the progression of keratoconus, but what is the best approach to treatment? Int J Kerat Ect Cor Dis 2015

7. **Raiskup F**, Spoerl E. Reply to the Letter to Editor: Corneal collagen crosslinking with riboflavin and ultraviolet-A light in progressive keratoconus. Ten-year results. Reference: JCRS8812. J Cataract Refract Surg 2015 Jun;41(6):1337-1338 **IF 1,694**
8. **Raiskup F**, Furashova O, Spörl E. Corneal collagen crosslinking for the treatment of keratoconus: “epi-on” or “epi-off”? Russian Ophthalmological Journal 2015
9. **Raiskup F**. Epi-On or Epi-Off? The Ophthalmologist. Texere Publishing Limited, March 2015

10. **Raiskup F**. Ergebnisse konfokal-mikroskopischer Untersuchungen nach Kollagenvernetzung mit Riboflavin und UV-A-Bestrahlung bei Patienten mit progredientem Keratokonus. Transfer in die Praxis. Karger Kompass Ophthalmol 2015; 1:28-29
11. **Raiskup F**, Theuring A, Pillunat LE, Spoerl E. Corneal collagen crosslinking with riboflavin and ultraviolet-A light in progressive keratoconus: ten-year results. J Cataract Refract Surg. 2015 Jan;41(1):41-6. **IF 1,694**
12. Zygoura V, Alio Del Barrio J, Gatzoufas Z, Saw V, **Raiskup F**. Evaluation of corneal stromal demarcation line depth following standard and a modified-accelerated collagen cross-linking protocol. Am J Ophthalmol. 2015 Jan;159(1):211-2 **IF 2,881**
13. Mazzotta C, Traversi C, **Raiskup F**, Rizzo CL, Renieri A. First identification of a triple corneal dystrophy association: keratoconus, epithelial basement membrane corneal dystrophy and fuchs' endothelial corneal dystrophy. Case Rep Ophthalmol. 2014 Sep 17;5(3):281-8
14. **Raiskup F**. Auswirkungen des CXL auf das Hornhautgewebe. Ophthalmologische Nachrichten 05.2014
15. Theuring A, Spoerl E, Pillunat LE, **Raiskup F**. Hornhautkollagenvernetzung mit Riboflavin und UVA-Licht bei Patienten mit progressivem Keratokonus. Ophthalmologe. 2014 Feb;112(2):140-7 **IF 0,504**
16. Economopoulou M, Masjuk J, **Raiskup F**, Ebermann D, Saha S, Karl MO, Funk R, Jaszai J, Chavakis T, Ehrhart-Bornstein M, Pillunat LE, Kunz-Schughart L, Kurth I, Dubrovskaja A, Androutsellis-Theotokis A. Expression of the transcription factor Hes3 in the mouse and human ocular surface, and in pterygium. Int J Radiat Biol. 2014 Aug;90(8):700-9 **IF 1,687**
17. **Raiskup F**. Postoperative management of corneal crosslinking patients. EyeWorld 2013; 18(12): 34-35

18. **Raiskup F**, Spoerl E. Corneal crosslinking with riboflavin and ultraviolet A. Part II. Clinical indications and results. *Ocul Surf.* 2013 Apr;11(2):93-108 **IF 4,212**
19. **Raiskup F**, Spoerl E. Corneal crosslinking with riboflavin and ultraviolet A. Part I. Principles. *Ocul Surf.* 2013 Apr;11(2):65-74 **IF 4,212**
20. Terai N, **Raiskup F**, Haustein M, Pillunat LE, Spoerl E. Identification of biomechanical properties of the cornea: the ocular response analyzer. *Curr Eye Res.* 2012 Jul;37(7):553-62 **IF 1,71**
21. Terai N, **Raiskup F**. Bilaterale Visusminderung bei einem jungen Mann. *Ophthalmologe.* 2012 May;109(5):487-90 **IF 0,529**
22. **Raiskup F**, Pinelli R, Spoerl E. Riboflavin osmolar modification for transepithelial corneal cross-linking. *Curr Eye Res* 2012. 37(3):234-8 **IF 1,71**
23. **Raiskup F**, Kissner A, Spörl E, Pillunat LE. Hornhautvernetzung mit hypoosmolarer Riboflavin-Lösung beim Keratokonus mit dünner Hornhaut. *Ophthalmologe.* 2011 Sep;108(9):846-51 **IF 0,617**
24. **Raiskup F**, Spoerl E. Corneal cross-linking with hypo-osmolar riboflavin solution in thin keratoconic corneas. *Am J Ophthalmol.* 2011 Jul;152(1):28-32 **IF 4,293**
25. Spoerl E, Hoyer A, Pillunat LE, **Raiskup F**. Corneal cross-linking and safety issues. *Open Ophthalmol J.* 2011 Feb 11;5:14-6
26. Spoerl E, Terai N, Scholz F, **Raiskup F**, Pillunat LE. Detection of biomechanical changes after corneal cross-linking using Ocular Response Analyzer software. *J Refract Surg.* 2011 Jun;27(6):452-7 **IF 2,491**
27. Spoerl E, **Raiskup F**, Kampik D, Geerling G. Correlation between UV Absorption and riboflavin concentration in different depths of the cornea in CXL. *Curr Eye Res.* 2010 Nov;35(11):1040-1 **IF 1,360**
28. Kissner A, Spoerl E, Jung R, Spekl K, Pillunat LE, **Raiskup F**. Pharmacological modification of the epithelial permeability by benzalkonium chloride in UVA/Riboflavin corneal collagen cross-linking. *Curr Eye Res.* 2010; 35(8): 715-721 **IF 1,360**
29. Hoyer A, **Raiskup F**, Pillunat E. Mitomycin C bei diffusem multifokalem malignem Melanom der Bindehaut. *Klin Monbl Augenheilkd.* 2010; 227(5): 430-432 **IF 0,407**
30. **Raiskup F**, Kissner A, Hoyer A, Spörl E, Pillunat LE. Narbenbildung nach Hornhautvernetzung beim Keratokonus. *Ophthalmologe.* 2010; 107(9): 837-842 **IF 0,904**
31. Orucov F, Frucht-Pery J, **Raiskup F**, Strasman E, Landau D, Solomon A. Quantitative Assessment of Bandage Soft Contact Lens Wear Immediately After LASIK. *J Refract Surg.* 2010; 26(10): 744-748 **IF 2,491**

32. **Raiskup F**, Hoyer A, Spoerl E. Permanent Corneal Haze After Riboflavin-UVA Induced Cross-Linking in Keratoconus. J Refract Surg. 2009; 25: S824 – 828 **IF2,320**
33. Spoerl E, Zubaty V, Terai N, Pillunat LE, **Raiskup F.**: The influence of high-dose cortisol on the biomechanics of the cornea. J Refract Surg. 2009; 25: 794 – 798 **IF 2,320**
34. Spörl E, Terai N, Haustein M, Böhm AG, **Raiskup-Wolf F**, Pillunat LE. Biomechanischer Zustand der Hornhaut als neuer Indikator für pathologische und strukturelle Veränderungen. Ophthalmologe 2009;106: 512 – 520 **IF 1,000**
35. Hoyer A, **Raiskup-Wolf F**, Spörl E, Pillunat LE. Kollagenvernetzung mit Riboflavin und UVA-Licht bei Keratokonus – Dresdner Ergebnisse. Ophthalmologe. 2009; 106:133 – 140 **IF 1,000**
36. Spoerl E, **Raiskup-Wolf F**, Kuhlisch E, Pillunat LE. Cigarette smoking is negatively associated with keratoconus. J Refract Surg. 2008 Sep; 24(7):S737-40 **IF 2,320**
37. **Raiskup-Wolf F**, Hoyer A, Spoerl E, Pillunat LE. Collagen crosslinking with riboflavin and UVA-light in keratoconus : Long-term results. J Cataract Refract Surg 2008 ; 34 :796-801 **IF 1,914**
38. Spörl E, **Raiskup-Wolf F**, Pillunat LE. Biophysikalische Grundlagen der Kollagenvernetzung. Klin Monatsbl Augenheilkd. 2008 Feb;225(2):131-7 **IF 0,407**
39. Spoerl E, Zubaty V, **Raiskup-Wolf F**, Pillunat LE. Oestrogen-induced changes in biomechanics in the cornea as a possible reason for keratectasia. Br J Ophthalmol. 2007 Nov; 91(11):1547-50 **IF 2,689**
40. **Raiskup-Wolf F**, Eljarrat-Binstock E, Reháč M, Domb A, Frucht-Pery J. Transcorneal and transscleral iontophoresis of the dexamethasone phosphate into the rabbit eye. Cesk Slov Oftalmol. 2007 Sep; 63(5):360-8.
41. Rehak M, Fric E, Rehak J, **Raiskup-Wolf F**, Langova K. Functional examination of retinal vessels in patients with central retinal vein occlusion. Cesk Slov Oftalmol. 2007 Apr; 63(2):95-102.
42. Frucht-Pery J, Landau D, **Raiskup F**, Orucov F, Strassman E, Blumenthal EZ, Solomon A. Early transient visual acuity loss after LASIK due to steroid-induced elevation of intraocular pressure. Journal of Refractive Surgery 2007 Mar; 23(3):244-51 **IF 1,696**
43. **Raiskup-Wolf F**. UV-Vernetzung kann Anzahl der Keratoplastiken senken. Ophthalmologische Nachrichten. Special : Hornhaut. 2007 Februar : 12

44. Frucht-Pery J, **Raiskup F**, Mechoulam H, Shapiro M, Eljarrat-Binstock E, Domb A. Iontophoretic treatment of experimental pseudomonas keratitis in rabbit eyes using gentamicin-loaded hydrogels. *Cornea*. 2006 Dec; 25(10):1182-6 **IF 1,708**

45. **Raiskup**-Wolf F, Eljarrat-Binstock E, Rehak M, Domb A, Frucht-Pery J. Delivery of gentamicin to the rabbit eye using hydrogel and iontophoresis *Cesk Slov Oftalmol*. 2006 May;62(3):175-82

46. Frucht-Pery J, **Raiskup F**, Ilsar M, Landau D, Orucov F, Solomon A. Conjunctival autografting combined with low-dose mitomycin C for prevention of primary pterygium recurrence. *Am J Ophthalmol*. 2006 Jun;141(6):1044-1050 **IF 2,468**

47. Lifshitz T, Levy J, **Raiskup F**, Klemperer I, Frucht-Pery J. Two cases of pneumococcal keratitis following myopic LASIK. *J Refract Surg*. 2005 Sept-Oct; 21(5): 498-501 **IF 1,948**

48. Eljarrat-Binstock E, **Raiskup F**, Frucht-Pery J, Domb AJ. Transcorneal and transscleral iontophoresis of dexamethasone phosphate using drug loaded hydrogel. *J Control Release*. 2005 Sep 2; 106(3): 386-390 **IF 3,696**

49. Yahalom C, Mechoulam H, **Raiskup F**, Solomon A, Frucht-Pery J. Forty years of changing indications in penetrating keratoplasty in Israel. *Cornea* 2005 Apr, 24(3): 256-258 **IF 1,358**

50. **Raiskup F**, Solomon A, Landau D, Ilsar M, Frucht-Pery J. Mitomycin C for pterygium: long term evaluation. *Br. J Ophthalmol*. 2004 Nov; 88(11), 1425-1428 **IF 2,000**

51. Solomon A, Kaiserman I, **Raiskup F**, Landau D, Frucht-Pery J. Long-term effects of mitomycin C in pterygium surgery on scleral thickness and the conjunctival epithelium. *Ophthalmology* 2004 Aug; 111(8): 1522-1527 **IF 3,210**

52. Eljarrat-Binstock E, **Raiskup F**, Stepensky D, Domb AJ, Frucht-Pery J. Delivery of gentamicin to the rabbit eye by drug-loaded hydrogel iontophoresis. *Invest Ophthalmol Vis Sci* 2004 Aug; 45(8) : 2543-2548 **IF 3,577**

53. Eljarrat-Binstock E, **Raiskup F**, Frucht-Pery J, Domb AJ. Hydrogel probe for iontophoresis drug delivery to the eye. *J. Biomater Sci Polym Ed* 2004; 15(4): 397-413 **IF 1,255**

54. Zadok D, **Raiskup F**, Landau D, Frucht-Pery J. Long-term evaluation of hyperopic laser in situ keratomileusis. *J Cataract Refract Surg* Nov. 2003, 29 (11), 2181-2188 **IF 1,897**

55. Solomon A, Chowers I, **Raiskup F**, Siganos CS, Frucht-Pery J. Inadvertent conjunctival trauma related to contact with drug container tips: a masquerade syndrome. *Ophthalmology* 2003, Apr, 110 (4): 796-800 **IF 3,162**
56. Zadok D, **Raiskup F**, Landau D, Frucht-Pery J. Intraocular pressure after LASIK for hyperopia. *Ophthalmology* Sept. 2002, 109(9), 1659-1661 **IF 2,863**