

## DAFTAR PUSTAKA

1. Nishida T, Saika S. *Cornea and Sclera: Anatomy and Physiology*. In: Krachmer JH MM, Holland EJ, editor. Cornea Fundamentals, Diagnosis and Management. 1. Third ed. China: Mosby - Elsevier; 2011. p. 3-21.
2. Gipson IK, Joyce NC. *Anatomy and Cell Biology of the Cornea, Superficial Limbus, and Conjunctiva*. Albert and Jakobiec's Principles and Practice of Ophthalmology. 1. 3rd ed. North America: Saunders; 2008. p. 423-436.
3. Ang LPK, Tan DTH, Beuerman RW, Lavker RM. *Ocular Surface Epithelial Stem Cells: Implications for Ocular Surface Homeostasis*. Dry Eye and Ocular Surface Disorders. Canada: Marcel Dekker; 2004. p. 225-242.
4. Ebrahimi M, Abadi ET, Baharvand H. Limbal Stem Cells In Review. *Journal Of Ophthalmic And Vision Research*. 2009;1:40-58.
5. Sack RA, Nunes I, Beaton A, Morris C. Host-Defense Mechanism of the Ocular Surfaces. *Bioscience Reports*. 2001;21.
6. Cantor LB, Rapuano CJ, Cioffi GA. *Clinical Aspects of Toxic and Traumatic Injuries of the Anterior segment*. Basic and Clinical Science Course External Disease and Cornea. Italy: American Academy of Ophthalmology; 2014. p. 339-344.
7. Rhee S, Goldstein MH. *Acid and Alkali Burns*. Myron Yanoff & Jay S Duker Ophthalmology. Third ed. China: Mosby; 2009. p. 348-349.
8. Kosoko A, Vu Q, Lasaki OK. Chemical Ocular Burns: A Case Review. *American Journal of Clinical Medicine*. 2009;6.
9. Pfister RR, Pfister DR. *Alkali Injuries of the Eye*. Cornea Fundamentals, Diagnosis and Management. Volume 1. China: Mosby; 2011. p. 1193-1202.
10. Kaur M, Sinha R, Sharma N. Acute Chemical Injuries. *Ocular Emergency*. 2014;19:41-45.
11. Blackburn J, Levitan EB, MacLennan PA, Owsley C, McGwin G. The Epidemiology of Chemical Eye Injuries. *Current Eye Research Informa Healthcare*. 2012.
12. Hong J, Qiu T, Wei A, Sun X, Xu J. Clinical characteristics and visual outcome of severe ocular chemical injuries in Shanghai. *Ophthalmology*. 2010;117:2268-2272.
13. Pfister RR. *Chemical Trauma*. In: Foster CS AD, Dohlman CH, editor. Smolin and Thoft's The Cornea Scientific Foundations and Clinical Practice. fourth ed. Philadelphia: Lippincott Williams & Wilkins; 2005. p. 781-795.
14. Venkatesh R, Trivedi HL. Ocular Trauma- Chemical Injuries. *Bombay Hospital Journal*. 2009;51(2):215-221.
15. Kuckelkorn R, Schrage N, Keller G, Redbrake C. Emergency Treatment of Chemical and Thermal Eye Burns. *Acta Ophthalmology Scand*. 2002;4-10.

16. Panda A, Jain M, Vanathi M, Velpandian T, Khokhar S, Dada T. Topical Autologous Platelet-Rich Plasma Eyedrops for Acute Corneal Chemical Injury. *The Journal of Cornea and External Disease*. 2012;31(9).
17. Brodovsky SC, McCarty CA, Snibson G, Loughnan M, Sullivan L, Daniell M, Taylor HR. Management of alkali burns : an 11-year retrospective review. *Ophthalmology*. 2000;107(10):1829-1835.
18. Ralph RA. Tetracyclines and the treatment of corneal stromal ulceration: a review. *Cornea*. 2000;19(3):274-277.
19. Rafii AB, Eslani M, Haq Z, Shirzadeh E, Huvard MJ, Djalilian AR. Current and Upcoming Therapies for Ocular Surface Chemical Injuries. *The ocular surface*. 2017;15(1):48-64.
20. Wagoner MD. Chemical injuries of the eye: current concepts in pathophysiology and therapy. *Survey of ophthalmology*. 1997;41(4).
21. Sharma N, Kaur M, Agarwal T, Sangwan VS, Vajpayee RB. Treatment of Acute Ocular Chemical Burns. *Survey of ophthalmology*. 2017.
22. Wagoner MD, Al-Swailem S, Al-Jastaneiah S, Kenyon KR. *Chemical Injuries of the Eye*. Albert and Jakobiec's Principles and Practice of Ophthalmology. 1. 3rd ed. North America: Saunders; 2008. p. 761-769.
23. Lanigan RS, Yamarik TA, American College of Toxicology. Final Report on the Safety Assessment of EDTA, Calcium Disodium EDTA, Diammonium EDTA, Dipotassium EDTA, Disodium EDTA, TEA-EDTA, Tetrasodium EDTA, Tripotassium EDTA, Trisodium EDTA, HEDTA, and Trisodium HEDTA. *International Journal of Toxicology*. 2002;21(2):95-142.
24. O'Brien TP. *Bacterial Keratitis*. In: Foster CS AD DC, editor. Smolin and Thoft's The Cornea Scientific Foundations and Clinical Practice. fourth ed. Philadelphia: Lippincott Williams & Wilkins; 2005. p. 235-279.
25. Kimmitt BA, Moore GE, Stiles J. Comparison of the efficacy of various concentrations and combinations of serum, ethylenediaminetetraacetic acid, tetracycline, doxycycline, minocycline, and N-acetylcysteine for inhibition of collagenase activity in an in vitro corneal degradation model. *AJVR*. 2018;79(5):555-561.
26. Al-Hity A, Ramaesh K, Lockington D. EDTA chelation for symptomatic band keratopathy: results and recurrence. *Eye*. 2017;1-6.
27. Brown SI, Weller CA. Collagenase Inhibitors in Prevention of Ulcers of Alkali-Burned Cornea. *Arch Ophthal*. 1970;83:352-353.
28. Hook CW, Brown SI, Iwanij W, Nakanishi I. Characterization and inhibition of corneal collagenase. *Investigative ophthalmology*. 1971;7(10):496-503.
29. Petrovic MAJ, Petrovic M, Vujic D, Janicijevic K, Popovic A. Autologous Serum Eye Drops for Post-Chemical Injuries and Corneal Epithelial Defects. *Open Access Macedonian Journal of Medical Sciences*. 2013;Volume 1.
30. Quinto GG, Campos M, Behrens A. Autologous serum for ocular surface diseases. *Arq Bras Oftalmol*. 2008;71(6):47-54.

31. Yoon KC, Heo H, Im SK, You IC, Kim YH, Park Y (2007). Comparison of Autologous Serum and Umbilical Cord Serum Eye Drops for Dry Eye Syndrome. American Journal of Ophthalmology. 2007;144(1):86-92.
32. Semeraro F, Forbice E, Braga O, Bova A, Di Salvatore A, Azzolini C. Evaluation of the efficacy of 50% autologous serum eye drops in different ocular surface pathologies. BioMed research international. 2014.
33. Salman IA, Gundogdu C. Epithelial healing in experimental corneal alkali wounds with nondiluted autologous serum eye drops. Cutaneous and Ocular Toxicology. 2010;29(2):116-121.
34. Young A, Cheng A, Ng HK., Cheng L, Leung G, Lam D, 614. The use of autologous serum tears in persistent corneal epithelial defects. Eye. 2004;18:609-614.
35. Ziakas NG, Borbordis KG, Terzidou C, Naoumidi T, Mikropoulos D, Georgiadou EN, Georgiadis NS. Long-term follow up of autologous serum treatment for recurrent corneal erosions. Clinical and Experimental Ophthalmology. 2010;38:683-687.
36. Sharma N, Goel M, Velpandian T, Titiyal JS, Tandon R, Vajpayee RB. Evaluation of umbilical cord serum therapy in acute ocular chemical burns. Investigative ophthalmology & visual science. 2011;52(2):1087-1092.
37. Sharma N, Lathi SS, Sehra SV, Agarwal T, Sinha R, Titiyal JS, Titiyal JS, Velpandian T, Tandon R, Vajpayee RB. Comparison of umbilical cord serum and amniotic membrane transplantation in acute ocular chemical burns. . The British journal of ophthalmology. 2015;99(5):669-673.
38. Lu L, Reinach PS, Kao WW. Corneal Epithelial Wound Healing. Experimental biology and medicine. 2001;226(7):653-654.
39. Gunay C, Sagliyan A, , Yilmaz S, , Kandemir FM, , Han MC, Ozkaraca M, , Kulualp K. Evaluation of autologous serum eyedrops for the treatment of experimentally induced corneal alkali burns. Revue Méd Vét. 2015;166(3-4):63-71.
40. Gipson IK, Joyce NC, Zieske JD. *The Anatomy and Cell Biology of The Human Cornea, Limbus, Conjunctiva, and Adnexa*. In: Foster CS AD, Dohlman CH, editor. Smolin and Thoft's The Cornea Scientific Foundations and Clinical Practice. fourth ed. Philadelphia: Lippincott Williams & Wilkins; 2005. p. 1-30.
41. Cantor LB, Rapuano CJ, Cioffi GA. *The eye*. In: Basic and Clinical Science Course Fundamental and Principles of Ophthalmology. Italy: American Academy of Ophthalmology; 2014. p. 37-43.
42. Cantor LB, Rapuano CJ, Cioffi GA. *Structure and Function of the External Eye and Cornea*. In: Basic and Clinical Science Course External Disease and Cornea. Italy: American Academy of Ophthalmology; 2014. p. 3-10.
43. Sun TT, Lavkert RM. Corneal Epithelial Stem Cells: Past Present And Future. The Society for Investigative Dermatology. 2004;9:202-207.

44. He H, Yiu SC. Stem Cell Based Therapy For Treating Limbal Stem Cells Deficiency A review Of Different Strategies. Saudi Journal Of Ophthalmology. 2014;28:188-194.
45. Ramos T, Scott D, Ahmad S. An Update On Ocular Surface Epithelial Stem Cells: Cornea And Conjunctiva. Stem Cells International. 2015:1-7.
46. Ghieh F, Jurus R, Ibrahim A, Geagea AG, Daouk H, El Baba B, Chams S, Matar M, Zein W, Jurus A. The Use Of Stem Cells In Burn Wound Healing A Review. BioMed research international. 2015:1-9.
47. Dua HS, Blanco AA. Limbal Stem Cells Of The Corneal Epithelium. Survey of ophthalmology. 2000;44(5):415-425.
48. Agrawal V, Tsai RJF. Corneal Epithelial Wound Healing. Indian Journal Ophthalmology. 2003;51:5-15.
49. Ashby BD, Garret Q, Willcox MDP. Corneal Injuries And Wound Healing: Review Of Processes And Therapies. Austin Journal Of Clinical Ophthalmology. 2014;1(4):1-25.
50. Maycock NJR, Marshall J. Genomic Of Corneal Wound Healing: A Review Of The Literature. ACTA Ophthalmologica. 2014:170-184.
51. Mort RL, Ramaesh T, Kleinjan DA, Morley SD, West JD. Mosaic Analysis Of Stem Cell Function And Wound Healing In The Mouse Corneal Epithelium. BMC Developmental Biology. 2009;9:1-14.
52. Kenyon KR, Ghinelli E, Chaves HV. *Morphology and Pathologic Response in Corneal and Conjunctival Disease*. In: Foster CS AD, Dohlman CH, editor. Smolin and Thoft's The Cornea Scientific Foundations and Clinical Practice. Philadelphia: Lippincott Williams & Wilkins; 2005. p. 103-136.
53. Cantor LB, Rapuano CJ, Cioffi GA. *Wound Repair*. Basic and Clinical Science Course Ophthalmic Pathologic and Intraocular Tumors. Italy: American Academy of Ophthalmology; 2014. p. 13-23.
54. Isnard N, Bourles DF, Robert L, Renard G. Studies on Corneal Wound Healing Effect of Fucose on Iodine Vapor-Burnt Rabbit Corneas Ophthalmologica. 2005;219:324–333
55. Brejchova K, Liskova P, Hrdlickova E, Filipec M, Jirsova K. Matrix metalloproteinases in recurrent corneal melting associated with primary Sjögren's syndrome. Molecular Vision. 2009;15:2364-2372.
56. DelMonte DW, Kim T. Anatomy and physiology of the cornea. Journal Cataract Refractive Surgery. 2011; 37:588–598.
57. Eslani M, Rafii AB, Movahedian A, Djalilian AR. The Ocular Surface Chemical Burns. Journal of Ophthalmology. 2014:1-9.
58. Cameron JD. *Ocular Trauma*. In: Klintworth GK GA, Heathcote JG, Cameron JD, Elner VM, Rao NA, editor. Garner and Klintworth's Pathobiology of Ocular Disease. Third ed. New York: Informa Healthcare; 2008. p. 333-348.
59. Maskati Q. Chemical Burns of The Eye. JSM Burns and Trauma. 2017;2(2):1-5.
60. Hall AH. *Epidemiology of Ocular Chemical Burns*. Chemical Ocular Burns Berlin: Springer; 2011. p. 9-15.
61. Merle H, Gerard M, Schrage N. Severe Ocular Burns. European Ophthalmic Review Touch briefeing. 2011:130-133.

62. Davis AR, Ali QH, Aclimandos WA, Hubter PA. Topical Steroid use in The Treatment Of cular Alkali Burns. British Journal Of Ophthalmology. 1997;732-735.
63. Bjørklund G, Mutter J, Aaseth J. Metal chelators and neurotoxicity: lead, mercury, and arsenic. Arch Toxicol. 2017.
64. Anitua E, Muruzabal F, Tayebba A, Riestra A, Perez VL, Lloves JM, Orive G. Autologous serum and plasma rich in growth factors in ophthalmology: preclinical and clinical studies. ACTA Ophthalmologica. 2015;93:e605–e614.
65. Ribeiro MVMR, De Melo VF, Barbosa MEFC, Tozzi MUDF, Ramos MSB, Gaia NMSRS, Santos VMG, Neri WDO, Barbosa FT, Ribeiro EAN. The use of platelet rich plasma in Ophthalmology a literature review. Rev Bras Oftalmol. 2017;76:319-324.
66. Pfister RR Haddox JL, Dodson RW, Harkins LE. Alkali-burned collagen produces a locomotory and metabolic stimulant to neutrophils. Investigative Ophthalmology and Visual Science. 1987;28(2):295-304.
67. Pfister RR Haddox JL, Sommers CI. Alkali-degraded cornea generates a low molecular weight chemoattractant for polymorphonuclear leukocytes. Investigative Ophthalmology and Visual Science. 1993;34(7):229702304.
68. Brown SI Akiya S, Weller CA. Prevention of the ulcers of the alkali-burned cornea. Preliminary studies with collagenase inhibitors. Archives of Ophthalmology. 1969;82(1):95-97.
69. Moon MEL Robertson IF. Retrospective study of alkali burns of the eye. Australian Journal of Ophthalmology. 1983;11:281-286.
70. Singh P Tyagi M, Kumar Y, Gupta KK, Sharma PD. Ocular chemical injuries and their management. Oman Journal of Ophthalmology. 2013;6(2):83-86.
71. Hook CW Brown SI, Iwanij W, Nakanishi I. Characterization and inhibition of corneal collagenase. Investigative ophthalmology. 1971;7(10):496-503.
72. IK Salman. Effects of Autologous Serum Eye Drops on Corneal Wound Healing After Superficial Keratectomy in Rabbits. Cornea. 2006;25(10):1178-1181.
73. Conway ED Stiles J, Townsend WM, Yi Weng H. Comparison of the in vitro anticollagenase efficacy of homologous serum and plasma on degradation of corneas of cats, dogs, and horses. AJVR. 2016;77(6):627-633.
74. Rehman AA Ahsan H, Khan FH. Alpha-2-Macroglobulin: A Physiological Guardian. Journal of Cellular Physiology. 2013;228:1665–1675.
75. LA. Remington. *Cornea and Sclera. In* Clinical anatomy and Physiology of the Visual System. Third ed. Missouri: Elsevier; 2012.