

## 12. Literature

1. Afrashi F, Erakgun T, Akkin C, Kaskaloglu M, Menten J (2004) Conventional buckling surgery or primary vitrectomy with silicone oil tamponade in rhegmatogenous retinal detachment with multiple breaks. *Graefes Arch Clin Exp Ophthalmol* 242:295-300
2. Ah-Fat FG, Sharma MC, Majid MA, McGalliard JN, Wong D (1999) Trends in vitreoretinal surgery at a tertiary referral centre: 1987 to 1996. *Br J Ophthalmol* 83:396-8.
3. Algvere PV, Jahnberg P, Textorius O (1999) The Swedish Retinal Detachment Register. I. A database for epidemiological and clinical studies. *Graefes Arch Clin Exp Ophthalmol* 237:137-44.
4. Ambati J, Arroyo JG (2000) Postoperative complications of scleral buckling surgery. *Int Ophthalmol Clin* 40:175-85
5. Ambresin A, Wolfensberger TJ, Bovey EH (2003) Management of giant retinal tears with vitrectomy, internal tamponade, and peripheral 360 degrees retinal photocoagulation. *Retina* 23:622-8
6. Asaria RH, Kon CH, Bunce C, Charteris DG, Wong D, Luthert PJ, Khaw PT, Aylward GW (2001) How to predict proliferative vitreoretinopathy: a prospective study. *Ophthalmology* 108:1184-6.
7. Barrie T, Kreissig I, Heimann H, Holz ER, Mieler WF (2003) Repair of a primary rhegmatogenous retinal detachment. *Br J Ophthalmol* 87:782
8. Bartz-Schmidt KU, Kirchhof B, Heimann K (1996) Primary vitrectomy for pseudophakic retinal detachment. *Br J Ophthalmol* 80:346-9.
9. Benson WE, Cruickshanks KC, Fong DS, Williams GA, Bloome MA, Frambach DA, Kreiger AE, Murphy RP (2001) Surgical management of macular holes: a report by the American Academy of Ophthalmology. *Ophthalmology* 108:1328-35
10. Bonnet M, Fleury J, Guenoun S, Yaniali A, Dumas C, Hajjar C (1996) Cryopexy in primary rhegmatogenous retinal detachment: a risk factor for postoperative proliferative vitreoretinopathy? *Graefes Arch Clin Exp Ophthalmol* 234:739-43.
11. Bornfeld N (2001) [Ablation surgery. From the inside, from the outside, or both?]. *Ophthalmologie* 98:879-80.
12. Bovey EH, Gonvers M, Sahli O (1998) [Surgical treatment of retinal detachment in pseudophakia: comparison between vitrectomy and scleral buckling]. *Klin Monatsbl Augenheilkd* 212:314-7.

13. Brazitikos PD, D'Amico DJ, Tsinopoulos IT, Stangos NT (1999) Primary vitrectomy with perfluoro-n-octane use in the treatment of pseudophakic retinal detachment with undetected retinal breaks. *Retina* 19:103-9
14. Brazitikos PD (2000) The expanding role of primary pars plana vitrectomy in the treatment of rhegmatogenous noncomplicated retinal detachment. *Semin Ophthalmol* 15:65-77.
15. Brazitikos PD, Androudi S, D'Amico DJ, Papadopoulos N, Dimitrakos SA, Derekliis DL, Alexandridis A, Lake S, Stangos NT (2003) Perfluorocarbon liquid utilization in primary vitrectomy repair of retinal detachment with multiple breaks. *Retina* 23:615-21
16. Campo RV, Sipperley JO, Sneed SR, Park DW, Dugel PU, Jacobsen J, Flindall RJ (1999) Pars plana vitrectomy without scleral buckle for pseudophakic retinal detachments. *Ophthalmology* 106:1811-5; discussion 1816.
17. Chignell AH, Fison LG, Davies EW, Hartley RE, Gundry MF (1973) Failure in retinal detachment surgery. *Br J Ophthalmol* 57:525-30
18. Chylack LT, Jr., Wolfe JK, Singer DM, Leske MC, Bullimore MA, Bailey IL, Friend J, McCarthy D, Wu SY (1993) The Lens Opacities Classification System III. The Longitudinal Study of Cataract Study Group. *Arch Ophthalmol* 111:831-6
19. Comer MB, Newman DK, George ND, Martin KR, Tom BD, Moore AT (2000) Who should manage primary retinal detachments? *Eye* 14:572-8.
20. Cordell JL, Falini B, Erber WN, Ghosh AK, Abdulaziz Z, MacDonald S, Pulford KA, Stein H, Mason DY (1984) Immunoenzymatic labeling of monoclonal antibodies using immune complexes of alkaline phosphatase and monoclonal anti-alkaline phosphatase (APAAP complexes). *J Histochem Cytochem* 32:219-29
21. Cowley M, Conway BP, Campochiaro PA, Kaiser D, Gaskin H (1989) Clinical risk factors for proliferative vitreoretinopathy. *Arch Ophthalmol* 107:1147-51
22. Custodis E (1953) Bedeuted die Plombenaufnähung auf die Sklera einen Fortschritt in der operativen Behandlung der Netzhautablösung? *Ber Dtsch Ophthalmol Ges* 58:102
23. Desai UR, Strassman IB (1997) Combined pars plana vitrectomy and scleral buckling for pseudophakic and aphakic retinal detachments in which a break is not seen preoperatively. *Ophthalmic Surg Lasers* 28:718-22.
24. Devenyi RG, de Carvalho Nakamura H (1999) Combined scleral buckle and pars plana vitrectomy as a primary procedure for pseudophakic retinal detachments. *Ophthalmic Surg Lasers* 30:615-8.

25. el-Asrar AM (1997) Primary vitrectomy for bullous rhegmatogenous retinal detachments due to complex breaks. *Eur J Ophthalmol* 7:322-6.
26. Escoffery RF, Olk RJ, Grand MG, Boniuk I (1985) Vitrectomy without scleral buckling for primary rhegmatogenous retinal detachment. *Am J Ophthalmol* 99:275-81.
27. Farr AK, Guyton DL (2000) Strabismus after retinal detachment surgery. *Curr Opin Ophthalmol* 11:207-10.
28. Feltgen N, Wolf S, Weiss C, Heimann H (2005) Scleral buckling versus primary vitrectomy in rhegmatogenous retinal detachment study (SPR Study). Evaluation of the recruitment list (SPR Study report number 2). *Graefe's Archive manuscript in preparation*
29. Framme C, Roider J, Hoerauf H, Laqua H (2000) [Complications after external retinal surgery in pseudophakic retinal detachment--are scleral buckling operations still current?]. *Klin Monatsbl Augenheilkd* 216:25-32.
30. Gartry DS, Chignell AH, Franks WA, Wong D (1993) Pars plana vitrectomy for the treatment of rhegmatogenous retinal detachment uncomplicated by advanced proliferative vitreoretinopathy [see comments]. *Br J Ophthalmol* 77:199-203
31. Gastaud P, Rouhette H, Negre F, Leguay JM, Durafourg F (2000) [Place of "exploratory vitrectomy" in the treatment of retinal detachment without proliferative vitreoretinopathy]. *J Fr Ophtalmol* 23:482-7.
32. Girard P, Karpouzas I (1995) Pseudophakic retinal detachment: anatomic and visual results. *Graefes Arch Clin Exp Ophthalmol* 233:324-30.
33. Girard P, Karpouzas I (1995) [Vitrectomy in the treatment of simple retinal detachment]. *J Fr Ophtalmol* 18:188-93
34. Grizzard WS, Hilton GF (1982) Scleral buckling for retinal detachments complicated by periretinal proliferation. *Arch Ophthalmol* 100:419-22
35. Grizzard WS, Hilton GF, Hammer ME, Taren D (1994) A multivariate analysis of anatomic success of retinal detachments treated with scleral buckling. *Graefes Arch Clin Exp Ophthalmol* 232:1-7
36. Hakin KN, Lavin MJ, Leaver PK (1993) Primary vitrectomy for rhegmatogenous retinal detachment. *Graefes Arch Clin Exp Ophthalmol* 231:344-6.
37. Halberstadt M, Brandenburg L, Sans N, Koerner-Stiefbold U, Koerner F, Garweg JG (2003) Analysis of risk factors for the outcome of primary retinal reattachment surgery in phakic and pseudophakic eyes. *Klin Monatsbl Augenheilkd* 220:116-21
38. Han DP, Mohsin NC, Guse CE, Hartz A, Tarkanian CN (1998) Comparison of pneumatic retinopexy and scleral buckling in the management of primary

rhegmatogenous retinal detachment. Southern Wisconsin Pneumatic Retinopexy Study Group. *Am J Ophthalmol* 126:658-68.

39. Heimann H, Bornfeld N, Friedrichs W, Helbig H, Kellner U, Korra A, Foerster MH (1996) Primary vitrectomy without scleral buckling for rhegmatogenous retinal detachment. *Graefes Arch Clin Exp Ophthalmol* 234:561-8.

40. Heimann H, Coupland SE, Gochman R, Hellmich M, Foerster MH (2001) Alterations in expression of mucin, tenascin-c and syndecan-1 in the conjunctiva following retinal surgery and plaque radiotherapy. *Graefes Arch Clin Exp Ophthalmol* 239:488-95.

41. Heimann H, Hellmich M, Bornfeld N, Bartz-Schmidt KU, Hilgers RD, Foerster MH (2001) Scleral buckling versus primary vitrectomy in rhegmatogenous retinal detachment (SPR Study): design issues and implications. SPR Study report no. 1. *Graefes Arch Clin Exp Ophthalmol* 239:567-74.

42. Heimann H, Gochman R, Hellmich M, Bechrakis NE, Foerster MH (2004) [Dry eye symptoms following vitreo-retinal surgery and ocular tumour therapy.]. *Ophthalmologie* 101:1098-104

43. Heimann H, Kirchhof B (2005) Primary vitrectomy in rhegmatogenous retinal detachment. In: Ryan SJ (eds) *Retina*. Mosby, St. Louis, pp in press

44. Heimann H, Zou X, Jandek C, Kellner U, Bechrakis NE, Kreusel KM, Helbig H, Krause L, Schueler A, Bornfeld N, Foerster MH (2005) Primary vitrectomy for rhegmatogenous retinal detachment - an analysis of 512 cases. *Graefes' Archive* in press:

45. Hermanek P, Hermanek PJ (2000) Role of the surgeon as a variable in the treatment of rectal cancer. *Semin Surg Oncol* 19:329-35

46. Hoerauf H, Roider J, Herboth T, Hager A, Laqua H (1997) [Outcome after vitrectomy in rhegmatogenous retinal detachment and dense vitreous opacities]. *Klin Monatsbl Augenheilkd* 211:369-74.

47. Hoffmann F, Helbig H, Goersch H (2002) [Wide-angle contact lenses of corundum monocrysal for pars plana vitrectomy]. *Klin Monatsbl Augenheilkd* 219:444-8

48. Hoing C, Heidenkummer HP, Kampik A (1995) [Primary vitrectomy in rhegmatogenous retinal detachment]. *Ophthalmologie* 92:668-71.

49. Hooymans JM, De Lavalette VW, Oey AG (2000) Formation of proliferative vitreoretinopathy in primary rhegmatogenous retinal detachment. *Doc Ophthalmol* 100:39-42

50. Johnson Z, Ramsay A, Cottrell D, Mitchell K, Stannard K (2002) Triple cycle audit of primary retinal detachment surgery. *Eye* 16:513-8

51. Kloeti R (1983) Retinal detachment surgery without scleral buckling. Primary vitrectomy. *Klin Mbl Augenheilk* 182:474-478
52. Kon CH, Asaria RH, Occleston NL, Khaw PT, Aylward GW (2000) Risk factors for proliferative vitreoretinopathy after primary vitrectomy: a prospective study. *Br J Ophthalmol* 84:506-11.
53. Kreiger AE (1993) Wound complications in pars plana vitrectomy. *Retina* 13:335-44
54. Kreissig I (2002) [Treatment of primary retinal detachment. Minimal extraocular or intraocular?]. *Ophthalmologe* 99:474-84
55. Kroll P (2001) [Scleral buckling versus primary pars plana vitrectomy in relation to pathology of the vitreous body]. *Ophthalmologe* 98:886.
56. la Cour M, Friis J (2002) Macular holes: classification, epidemiology, natural history and treatment. *Acta Ophthalmol Scand* 80:579-87
57. La Heij EC, Derhaag PF, Hendrikse F (2000) Results of scleral buckling operations in primary rhegmatogenous retinal detachment. *Doc Ophthalmol* 100:17-25
58. Laqua H (1983) Current concepts in the management of complex retinal detachments. *Trans Ophthalmol Soc U K* 103:133-8
59. Laqua H, Honnicke K (2001) [Is scleral buckling still current?]. *Ophthalmologe* 98:881-5.
60. Larrison WI, Frederick AR, Jr., Peterson TJ, Topping TM (1993) Posterior retinal folds following vitreoretinal surgery. *Arch Ophthalmol* 111:621-5.
61. Leaver P (1993) Expanding the role of vitrectomy in retinal reattachment surgery [editorial; comment]. *Br J Ophthalmol* 77:197
62. Leaver PK (1999) Trends in vitreoretinal surgery--time to stop and think [editorial; comment]. *Br J Ophthalmol* 83:385-6
63. Lincoff H, Kreissig I (2000) Changing patterns in the surgery for retinal detachment: 1929 to 2000. *Klin Monatsbl Augenheilkd* 216:352-9.
64. Machemer R, Buettner H, Norton EW, Parel JM (1971) Vitrectomy: a pars plana approach. *Trans Am Acad Ophthalmol Otolaryngol* 75:813-20
65. Machemer R, Aaberg TM, Freeman HM, Irvine AR, Lean JS, Michels RM (1991) An updated classification of retinal detachment with proliferative vitreoretinopathy. *Am J Ophthalmol* 112:159-65

66. Mangouritsas G, Rothbacher HH, Heidenkummer PH, Ulbig MW, Kampik A (1995) [Risk factors for surgical failures in rhegmatogenous retinal detachment]. *Klin Monatsbl Augenheilkd* 206:20-8.
67. McLeod D (2004) Is it time to call time on the scleral buckle? *Br J Ophthalmol* 88:1357-9
68. Miki D, Hida T, Hotta K, Shinoda K, Hirakata A (2001) Comparison of scleral buckling and vitrectomy for retinal detachment resulting from flap tears in superior quadrants. *Jpn J Ophthalmol* 45:187-91.
69. Minihan M, Tanner V, Williamson TH (2001) Primary rhegmatogenous retinal detachment: 20 years of change. *Br J Ophthalmol* 85:546-8.
70. Newman DK, Burton RL (1999) Primary vitrectomy for pseudophakic and aphakic retinal detachments. *Eye* 13:635-9.
71. Norton AJ, Jordan S, Yeomans P (1994) Brief, high-temperature heat denaturation (pressure cooking): a simple and effective method of antigen retrieval for routinely processed tissues. *J Pathol* 173:371-9
72. O'Malley P, Swearingen K (1992) Scleral buckle with diathermy for simple retinal detachments. 100 pneumatic retinopexy eligible eyes. *Ophthalmology* 99:269-77.
73. Okada K, Sakata H, Mizote H, Minamoto A, Narai A, Choshi K (1997) Postoperative posterior retinal holes after pars plana vitrectomy for primary retinal detachment. *Retina* 17:99-104
74. Oshima Y, Emi K, Motokura M, Yamanishi S (1999) Survey of surgical indications and results of primary pars plana vitrectomy for rhegmatogenous retinal detachments. *Jpn J Ophthalmol* 43:120-6.
75. Oshima Y, Yamanishi S, Sawa M, Motokura M, Harino S, Emi K (2000) Two-year follow-up study comparing primary vitrectomy with scleral buckling for macula-off rhegmatogenous retinal detachment. *Jpn J Ophthalmol* 44:538-49.
76. Pollack AL, McDonald HR, Ai E, Green WR, Halpern LS, Jampol LM, Leahy JM, Johnson RN, Spencer WH, Stern WH, Weinberg DV, Werner JC, Williams GA (2001) Sympathetic ophthalmia associated with pars plana vitrectomy without antecedent penetrating trauma. *Retina* 21:146-54
77. Pournaras CJ, Donati G, Sekkat L, Kapetanios AD (2000) [Pseudophakic retinal detachment: treatment by vitrectomy and scleral buckling. Pilot study]. *J Fr Ophtalmol* 23:1006-11.
78. Pournaras CJ, Kapetanios AD (2003) Primary vitrectomy for pseudophakic retinal detachment: a prospective non-randomized study. *Eur J Ophthalmol* 13:298-306

79. Rachal WF, Burton TC (1979) Changing concepts of failures after retinal detachment surgery. *Arch Ophthalmol* 97:480-3
80. Richardson EC, Verma S, Green WT, Woon H, Chignell AH (2000) Primary vitrectomy for rhegmatogenous retinal detachment: an analysis of failure. *Eur J Ophthalmol* 10:160-6.
81. Roider J, Hoerauf H, Hager A, Herboth T, Laqua H (2001) [Conventional ablation surgery or primary vitrectomy in complicated retinal holes]. *Ophthalmologe* 98:887-91.
82. Roldan-Pallares M, del Castillo Sanz JL, Awad-El Susi S, Refojo MF (1999) Long-term complications of silicone and hydrogel explants in retinal reattachment surgery. *Arch Ophthalmol* 117:197-201.
83. Rubin ML (1976) The induction of refractive errors by retinal detachment surgery. *Trans Am Ophthalmol Soc* 73:452-90
84. Schmidt JC, Rodrigues EB, Hoerle S, Meyer CH, Kroll P (2003) Primary vitrectomy in complicated rhegmatogenous retinal detachment--a survey of 205 eyes. *Ophthalmologica* 217:387-92
85. Sharma A, Grigoropoulos V, Williamson TH (2004) Management of primary rhegmatogenous retinal detachment with inferior breaks. *Br J Ophthalmol* 88:1372-5
86. Sharma T, Challa JK, Ravishankar KV, Murugesan R (1994) Scleral buckling for retinal detachment. Predictors for anatomic failure. *Retina* 14:338-43
87. Sharma T, Gopal L, Badrinath SS (1998) Primary vitrectomy for rhegmatogenous retinal detachment associated with choroidal detachment. *Ophthalmology* 105:2282-5.
88. Smiddy WE, Loupe DN, Michels RG, Enger C, Glaser BM, deBustros S (1989) Refractive changes after scleral buckling surgery. *Arch Ophthalmol* 107:1469-71.
89. Speicher MA, Fu AD, Martin JP, von Fricken MA (2000) Primary vitrectomy alone for repair of retinal detachments following cataract surgery. *Retina* 20:459-64
90. Spitznas M (1987) A binocular indirect ophthalmomicroscope (BIOM) for non-contact wide-angle vitreous surgery. *Graefes Arch Clin Exp Ophthalmol* 225:13-5
91. SPR H (2003) View 2: the case for primary vitrectomy. *Br J Ophthalmol* 87:784-7
92. Steel DH, West J, Campbell WG (2000) A randomized controlled study of the use of transscleral diode laser and cryotherapy in the management of rhegmatogenous retinal detachment. *Retina* 20:346-57
93. Sullivan PM, Luff AJ, Aylward GW (1997) Results of primary retinal reattachment surgery: a prospective audit. *Eye* 11:869-71

94. Tanner V, Minihan M, Williamson TH (2001) Management of inferior retinal breaks during pars plana vitrectomy for retinal detachment. *Br J Ophthalmol* 85:480-2.
95. Tewari HK, Kedar S, Kumar A, Garg SP, Verma LK (2003) Comparison of scleral buckling with combined scleral buckling and pars plana vitrectomy in the management of rhegmatogenous retinal detachment with unseen retinal breaks. *Clin Experiment Ophthalmol* 31:403-7
96. Tornquist R, Tornquist P, Stenkula S (1987) Retinal detachment. A study of a population-based patient material in Sweden 1971-1981. II. Pre-operative findings. *Acta Ophthalmol (Copenh)* 65:223-30
97. van Effenterre G, Haut J, Larricart P, Abi-Rached J, Vachet JM (1987) Gas tamponade as a single technique in the treatment of retinal detachment: is vitrectomy needed? A comparative study of 120 cases. *Graefes Arch Clin Exp Ophthalmol* 225:254-8
98. Van Tricht V, Zivojnovic R, Zeyen T, Van der Auwera JC, Claes C (1998) Conventional retinal detachment surgery: technique, complications and results. *Bull Soc Belge Ophthalmol* 270:39-43
99. Verbraeken H, Vanhulst L (1984) Pars plana vitrectomy in aphakic retinal detachments. *Int Ophthalmol* 7:21-3
100. Weinberger D, Lichter H, Gatton DD, Kremer I, Axer-Siegel R, Yassur Y (1995) Intraocular intrusion of sutures after retinal detachment buckling surgery. *Retina* 15:417-21
101. Wickham L, Connor M, Aylward GW (2004) Vitrectomy and gas for inferior break retinal detachments: are the results comparable to vitrectomy, gas, and scleral buckle? *Br J Ophthalmol* 88:1376-9
102. Wild MR, Ruby AJ, Rosenshein J (2000) Pneumatic retinopexy: a survey of current practice patterns among the vitreous society members. *Ophthalmic Surg Lasers* 31:76-81
103. Wilkinson CP, Bradford RH, Jr. (1984) Complications of draining subretinal fluid. *Retina* 4:1-4.
104. Wilkinson CP, Rice TA (1997) Results of retinal reattachment surgery. In: Wilkinson CP, Rice TA (eds) *Michels retinal detachment*. Mosby, St. Louis, pp 935-978
105. Wilkinson CP (1998) Wanted: optimal data regarding surgery for retinal detachment [editorial]. *Retina* 18:199-201
106. Wolf S, Schon V, Meier P, Wiedemann P (2003) Silicone oil-RMN3 mixture ("heavy silicone oil") as internal tamponade for complicated retinal detachment. *Retina* 23:335-42



107. Wong TY, Tielsch JM, Schein OD (1999) Racial difference in the incidence of retinal detachment in Singapore. *Arch Ophthalmol* 117:379-83.
108. Wright LA, Cleary M, Barrie T, Hammer HM (1999) Motility and binocularity outcomes in vitrectomy versus scleral buckling in retinal detachment surgery. *Graefes Arch Clin Exp Ophthalmol* 237:1028-32.
109. Yang CM (1997) Pars plana vitrectomy in the treatment of combined rhegmatogenous retinal detachment and choroidal detachment in aphakic or pseudophakic patients. *Ophthalmic Surg Lasers* 28:288-93.
110. Ziemssen F, Bartz-Schmidt KU (2004) [Vitrectomy with or without cerclage in the treatment of retinal detachment.]. *Ophthalmologie* 101:554-62