

References

1. Aaberg TM, Benjamin EP, Biscotti CV, Singh AD (2013). Bilateral choroidal tumors consistent with metastatic malignant paraganglioma. *Retin Cases Brief Rep.* 7(4):301-3. PMID:25383831
2. Abdellatif A, Mason CM, Ytterberg SR, Boorjian SA, Salomão DR, Pulido J (2015). Choroidal involvement in Erdheim-Chester disease. *Ophthalmic Surg Lasers Imaging Retina.* 46(6):674-6. PMID:26114850
3. Abdolrahimzadeh S, Plateroti AM, Recupero SM, Lambiasi A (2016). An update on the ophthalmologic features in the phakomatoses. *J Ophthalmol.* 2016:3043026. PMID:27493794
4. Abouzeid H, Balmer A, Moulin AP, Mataftsi A, Zografos L, Munier FL (2012). Phenotypic variability of retinocytomas: pregression and postgression growth patterns. *Br J Ophthalmol.* 96(6):884-9. PMID:22328814
5. Abramson DH, Dunkel LJ, Brodie SE, Kim JW, Gobin YP (2008). A phase I/II study of direct intraarterial (ophthalmic artery) chemotherapy with melphalan for intraocular retinoblastoma initial results. *Ophthalmology.* 115(8):1398-404,1404. PMID:18342944
6. Adachi N, Tsuyama Y, Mizota A, Fujimoto N, Suehiro S, Adachi-Usami E (2003). Optic disc metastasis presenting as an initial sign of recurrence of adenoid cystic carcinoma of the larynx. *Eye (Lond).* 17(2):270-2. PMID:12640429
7. Addison DJ, Font RL (1984). Glioneuroma of iris and ciliary body. *Arch Ophthalmol.* 102(3):419-21. PMID:6703991
8. Afieldt JC, Minckler DS, Azen SP, Yeh L (1980). Prognosis in uveal melanoma with extrascleral extension. *Arch Ophthalmol.* 98(11):1975-9. PMID:7436829
9. Afrough AH, Jakobić FA, Hammon R, Grossniklaus HE, Rocco J, Lindeman NI, et al. (2016). Evaluation for high-risk HPV in squamous cell carcinomas and precursor lesions arising in the conjunctiva and lacrimal sac. *Am J Surg Pathol.* 40(4):519-28. PMID:26735858
10. Ahmed NA, Sait K, Anfnan N, Farwan K, Nizamuddin SH, Baeesa SS (2015). Gestational choriocarcinoma presenting with lacrimal gland metastasis: a first reported case. *Case Rep Obstet Gynecol.* 2015:879538. PMID:26075121
11. Akda F, Hafezi F, Heule-Dieleman HA, van den Bosch WA, Luyten GP, Tanghe HL, et al. (2010). Orbital metastases of breast cancer. Radiologic features. *Ophthalmology.* 107(8):728-32. [German] PMID:20393728
12. Akinsola FB, Mbadugha CA, Onakoya AO, Adefule-Ositelu AO, Aribaba OT, Rotimi-Samuel A (2012). Pattern of conjunctival masses seen at Guinness Eye Centre Luth Idi-Araba. *Nig Q J Hosp Med.* 22(1):39-43. PMID:23175879
13. Al-Dahmash SA, Shields CL, Kaliki S, Johnson T, Shields JA (2014). Enhanced depth imaging optical coherence tomography of choroidal metastasis in 14 eyes. *Retina.* 34(8):1588-93. PMID:24743640
14. Al-Ghadeer H, Al-Assiri A, Al-Odhaib S, Alkattan H (2012). Successful removal of a conjunctival myxoma. *Middle East Afr J Ophthalmol.* 19(3):352-3. PMID:22837636
15. Al-Jamal RT, Cassoux N, Desjardins L, Damato B, Constantinidis L, Coupland SE, et al. (2016). The Pediatric Choroidal and Ciliary Body Melanoma Study: a survey by the European Ophthalmic Oncology Group. *Ophthalmology.* 123(4):898-907. PMID:26854035
16. Al-Jamal RT, Mäkitie T, Kivelä T (2003). Nucleolar diameter and microvascular factors as independent predictors of mortality from malignant melanoma of the choroid and ciliary body. *Invest Ophthalmol Vis Sci.* 44(6):2381-9. PMID:12766034
17. AlAkeely AG, Alkattan HM, Alsuhailani AH, AlKhalidi H, Safieh LA, Coupland SE, et al. (2017). Benign reactive lymphoid hyperplasia of the conjunctiva in childhood. *Br J Ophthalmol.* 101(7):933-9. PMID:27899370
18. Alameddine RM, Mansour AM, Kahtani E (2014). Review of choroidal osteomas. *Middle East Afr J Ophthalmol.* 21(3):244-50. PMID:25100910
19. Albert DM, Dryja TP (1988). Recent studies of the retinoblastoma gene. What it means to the ophthalmologist. *Arch Ophthalmol.* 106(2):181-2. PMID:3422555
20. Ali MJ, Bothra N, Naik MN (2018). Transitional cell carcinoma of lacrimal sac. *Ophthalm Plast Reconstr Surg.* 34(3):e106. PMID:28582372
21. Ali MJ, Honavar SG, Vemuganti GK (2013). Ciliary body medulloepithelioma in an adult. *Surv Ophthalmol.* 58(3):266-72. PMID:23218809
22. Alkattan H, Al-Qurashi M (2017). Is routine histopathological examination of dacryocystorhinostomy/dacryocystectomy specimens necessary? A tertiary eye hospital experience. *Can J Ophthalmol.* 52(1):34-41. PMID:28237146
23. Alkattan HM, Al-Qahtani AA, Maktabi AM (2016). Intraocular adenocarcinoma: histopathological report of two cases with different origin. *Can J Ophthalmol.* 51(2):e67-70. PMID:27085283
24. Alkattan HM, Al-Arfaj KM, Maktabi A (2010). Conjunctival nevi: clinical and histopathologic features in a Saudi population. *Ann Saudi Med.* 30(4):306-12. PMID:20622349
25. Alkattan HM, Al-Harkan DH, Al-Mutlaq M, Maktabi A, Elkhayami SM (2014). Epithelial lacrimal gland tumors: a comprehensive clinicopathologic review of 26 lesions with radiologic correlation. *Saudi J Ophthalmol.* 28(1):49-57. PMID:24526859
26. Alkattan HM, Al-Motlak MA, Al-Shedoukhy AA (2010). Metastatic squamous spindle cell carcinoma of the conjunctiva. *Saudi J Ophthalmol.* 24(4):155-8. PMID:23960894
27. Alkattan HM, Al-Rajhi AA (2016). Corneal xanthogranuloma in association with multiple endocrine neoplasia 1: a clinicopathologic case report and review of the literature. *Saudi J Ophthalmol.* 30(1):49-52. PMID:26949359
28. Allen CE, Parsons DW (2015). Biological and clinical significance of somatic mutations in Langerhans cell histiocytosis and related histiocytic neoplastic disorders. *Hematology (Am Soc Hematol Educ Program).* 2015(1):559-64. PMID:26637772
29. Allen RA, Straatsma BR (1961). Ocular involvement in leukemia and allied disorders. *Arch Ophthalmol.* 66(4):490-508. PMID:13860566
30. Allingham RR, Seo B, Rampersaud E, Bembe M, Challa P, Liu N, et al. (2001). A duplication in chromosome 4q35 is associated with hereditary benign intraepithelial dyskeratosis. *Am J Hum Genet.* 68(2):491-4. PMID:11170897
31. Almeida A, Kaliki S, Shields CL (2013). Autofluorescence of intraocular tumours. *Curr Opin Ophthalmol.* 24(3):222-32. PMID:23429597
32. Alves LF, Fernandes BF, Burnier JV, Zoroquain P, Eskenazi DT, Burnier MN Jr (2011). Incidence of epithelial lesions of the conjunctiva in a review of 12,102 specimens in Canada (Quebec). *Arq Bras Oftalmol.* 74(1):21-3. PMID:21670902
33. Amin MB, Edge S, Greene F, Byrd DR, Brookland RK, Washington MK, et al., editors (2017). *AJCC cancer staging manual.* 8th ed. New York: Springer.
34. Amin RM, Hussein FA, Idriss HF, Hanafy NF, Abdallah DM (2013). Pathological, immunohistochemical and microbiological analysis of lacrimal sac biopsies in patients with chronic dacryocystitis. *Int J Ophthalmol.* 6(6):817-26. PMID:24392331
35. Amoli FA, Heidari AB (2006). Survey of 447 patients with conjunctival neoplastic lesions in Farabi Eye Hospital, Tehran, Iran. *Ophthalmic Epidemiol.* 13(4):275-9. PMID:16877286
36. Anastasiou G, Heiligenhaus A, Bechrakis N, Bader E, Bornfeld N, Steuhl KP (2002). Prognostic value of clinical and histopathological parameters in conjunctival melanomas: a retrospective study. *Br J Ophthalmol.* 86(2):163-7. PMID:11815341
37. Anderson BH, Kashner PR, Mayer J, Szykiewicz M, Jenkinson EM, Bhaskar SS, et al. (2012). Mutations in CTC1, encoding conserved telomere maintenance component 1, cause Coats plus. *Nat Genet.* 44(3):338-42. PMID:22267198
38. Anderson KK, Lessner AM, Hood I, Mendenhall W, Stringer S, Warren R (1994). Invasive transitional cell carcinoma of the lacrimal sac arising in an inverted papilloma. *Arch Ophthalmol.* 112(3):306-7. PMID:8129653
39. Andreasen S, Esmaili B, Holstein SL, Mikkelsen LH, Rasmussen PK, Heegaard S (2017). An update on tumors of the lacrimal gland. *Asia Pac J Ophthalmol (Phila).* 6(2):159-72. PMID:28399336
40. Andreasen S, Grauslund M, Heegaard S (2017). Lacrimal gland ductal carcinomas: clinical, morphological and genetic characterization and implications for targeted treatment. *Acta Ophthalmol.* 95(3):299-306. PMID:27808478
41. Andreasen S, Heegaard S, Grauslund M, Homøe P (2016). The interleukin-6/Janus kinase/STAT3 pathway in pleomorphic adenoma and carcinoma ex pleomorphic adenoma of the lacrimal gland. *Acta Ophthalmol.* 94(8):798-804. PMID:27286739
42. Andreoli MT, Aakalu V, Setabutr P (2015). Epidemiological trends in malignant lacrimal gland tumors. *Otolaryngol Head Neck Surg.* 152(2):279-83. PMID:25385802
43. Andrew NH, Coupland SE, Pirbhai A, Selva D (2016). Lymphoid hyperplasia of the orbit and ocular adnexa: a clinical pathologic review. *Surv Ophthalmol.* 61(6):778-90. PMID:27127077
44. Andrew NH, Sladden N, Kearney DJ, Selva D (2015). An analysis of IgG4-related disease (IgG4-RD) among idiopathic orbital inflammations and benign lymphoid hyperplasias using two consensus-based diagnostic criteria for IgG4-RD. *Br J Ophthalmol.* 99(3):376-81. PMID:25185258
45. Angell LK, Burton TC (1978). Posterior choroidal involvement in Letterer-Siwe disease. *J Pediatr Ophthalmol Strabismus.* 15(2):79-81. PMID:739337
46. Annels NE, Da Costa CE, Prins FA, Willemze A, Hogendoorn PC, Egeler RM (2003). Aberrant chemokine receptor expression and chemokine production by Langerhans cells underlies the pathogenesis of Langerhans cell histiocytosis. *J Exp Med.* 197(10):1385-90. PMID:12743170
47. Apple DJ, Craythorn JM, Reidy JJ, Steinmetz RL, Brady SE, Bohart WA (1984). Malignant transformation of an optic nerve melanocytoma. *Can J Ophthalmol.* 19(7):320-5. PMID:6525581
48. Apushkin MA, Apushkin MA, Shapiro MJ, Mafee MF (2005). Retinoblastoma and simulating lesions: role of imaging. *Neuroimaging Clin N Am.* 15(1):49-67. PMID:15927860
49. Araujo I, Coupland SE (2017). Primary vitreoretinal lymphoma – a review. *Asia Pac J Ophthalmol (Phila).* 6(3):283-9. PMID:28558176
50. Arepalli S, Kaliki S, Shields CL (2015). Choroidal metastases: origin, features, and therapy. *Indian J Ophthalmol.* 63(2):122-7. PMID:25827542
51. Arepalli S, Kaliki S, Shields JA, Shields CL (2012). Growth of congenital hypertrophy of the retinal pigment epithelium over 22 years. *J Pediatr Ophthalmol Strabismus.* 49 Online:e73-5. PMID:23244302
52. Arepalli S, Shields CL, Kaliki S, Emrich J, Komaricki L, Shields JA (2013). Diffuse choroidal hemangioma management with plaque radiotherapy in 5 cases. *Ophthalmology.* 120(11):2358-9. PMID:24182566
53. Argyris PP, Pambuccian SE, Cayci Z, Singh C, Tosios KI, Koutlas IG (2013). Lacrimal gland adenoid cystic carcinoma with high-grade transformation to myoepithelial carcinoma: report of a case and review of literature. *Head Neck Pathol.* 7(1):85-92. PMID:22829347
54. Aronow ME, Nakagawa JA, Gupta A, Traubouli EI, Singh AD (2012). Tuberous sclerosis complex: genotype/phenotype correlation of retinal findings. *Ophthalmology.* 119(9):1917-23. PMID:22608477
55. Arora R, Monga S, Mehta DK, Raina UK, Gogi A, Gupta SD (2006). Malignant fibrous histiocytoma of the conjunctiva. *Clin Experiment Ophthalmol.* 34(3):275-8. PMID:16671910
56. Ash JE (1950). Epibulbar tumors. *Am J Ophthalmol.* 33(8):1203-19. PMID:15432557
57. Ashkenazy N, Henry CR, Abbey AM, McKeown CA, Berrocal AM, Murray TG (2014). Successful treatment of juvenile xanthogranuloma using bevacizumab. *J AAPOS.* 18(3):295-7. PMID:24767830
58. Ashton N, Ward B, Serpell G (1954). Effect of oxygen on developing retinal vessels with particular reference to the problem of retrolental fibroplasia. *Br J Ophthalmol.* 38(7):397-432. PMID:13172417
59. Asnaghi L, Alkattan H, Mahale A, Othman M, Alwadani S, Al-Hussain H, et al. (2014). Identification of multiple DNA copy number alterations including frequent 8p11.22 amplification in conjunctival squamous cell carcinoma. *Invest Ophthalmol Vis Sci.* 55(12):8604-13. PMID:25491297
60. Collaborative Ocular Melanoma Study

- Group (2001). Assessment of metastatic disease status at death in 435 patients with large choroidal melanoma in the Collaborative Ocular Melanoma Study (COMS): COMS report no. 15. *Arch Ophthalmol*. 119(5):670–6. PMID:11346394
61. Assheton DC, Guerin EP, Sheridan CM, Bishop PN, Hiscott PS (2007). Neoplastic transformation of ciliary body epithelium is associated with loss of opticon expression. *Br J Ophthalmol*. 91(2):230–2. PMID:17005546
62. Augsburger JJ, Henson GL, Hershberger VS, Trichopoulos N (2006). Topographical distribution of typical unifocal congenital hypertrophy of retinal pigment epithelium. *Graefes Arch Clin Exp Ophthalmol*. 244(11):1412–4. PMID:16568286
63. Avdagic E, Farber N, Katabi N, Shinder R (2017). Carcinoma ex pleomorphic adenoma of the lacrimal gland with epithelial-myoepithelial carcinoma histologic type. *Ophthalmol Plast Reconstr Surg*. 33(3S Suppl 1):S136–8. PMID:26934566
64. Avedschmidt SE, Stagner AM, Eagle RC Jr, Harocopos GJ, Dou Y, Rao RC (2016). The targetable epigenetic tumor protein EZH2 is enriched in intraocular medulloepithelioma. *Invest Ophthalmol Vis Sci*. 57(14):6242–6. PMID:27842164
65. Awaji S, Alkatan H, Al-Kharashi S, Al-Rajhi A (2013). Iris melanocytoma in child diagnosed by fine needle aspiration biopsy. *Saudi J Ophthalmol*. 27(4):277–80. PMID:24371424
66. Aylward GW, Chang TS, Pautler SE, Gass JD (1998). A long-term follow-up of choroidal osteoma. *Arch Ophthalmol*. 116(10):1337–41. PMID:9790633
67. Diaz-Perez JA, Barajas-Gamboa JS (2012). Complex choristoma of the lacrimal caruncle: a case report of an unusual congenital tumor with clinical and histopathological classification. *Int Ophthalmol*. 32(1):37–9. PMID:22213061
68. Azari AA, Barney NP (2013). Conjunctivitis: a systematic review of diagnosis and treatment. *JAMA*. 310(16):1721–9. PMID:24150468
69. Azari AA, Kanavi MR, Saipie N, Lee V, Lucarelli M, Potter HD, et al. (2013). Transitional cell carcinoma of the lacrimal sac presenting with bloody tears. *JAMA Ophthalmol*. 131(5):689–90. PMID:23471524
70. Babu NA, Rajesh E, Krupaa J, Gnananandar G (2015). Genodermatoses. *J Pharm Bioallied Sci*. 7(Suppl 1):S203–6. PMID:26015711
71. Badalian-Very G, Vergilio JA, Degar BA, MacConaill LE, Brandner B, Calicchio ML, et al. (2010). Recurrent BRAF mutations in Langerhans cell histiocytosis. *Blood*. 116(11):1919–23. PMID:20519626
72. Baines PS, Hiscott PS, McLeod D (1982). Posterior non-vascularized proliferative extraretinopathy and peripheral nodular retinal telangiectasis. *Trans Ophthalmol Soc U K*. 102(Pt 4):487–91. PMID:6964653
73. Bakalian S, Marshall JC, Logan P, Faingold D, Maloney S, Di Cesare S, et al. (2008). Molecular pathways mediating liver metastasis in patients with uveal melanoma. *Clin Cancer Res*. 14(4):951–6. PMID:18281525
74. Balachandran C, Millar MJ, Murali R, Bulliard C, Malcolm CM, Maloof A (2009). Malignant optic glioma presenting as an acute anterior optic neuropathy. *Retin Cases Brief Rep*. 3(2):156–60. PMID:25391062
75. Bannister M, Lawson G (2014). Papillary-cystic variant of acinic cell carcinoma in the lacrimal gland. *Case Rep Ophthalmol Med*. 2014:285485. PMID:24959368
76. Bansal S, Khan AL, Hsuan J (2008). Lacrimal sac mucus-secreting adenocarcinoma. *Orbit*. 27(3):199–201. PMID:18569829
77. Barak Y, Tong MG, Purkiss TJ, Schaal S (2012). Rosai-Dorfman disease diagnosed because of bilateral choroidal masses. *Retin Cases Brief Rep*. 6(3):326–9. PMID:25389746
78. Barbaro NM, Rosenblum ML, Maitland CG, Hoyt WF, Davis RL (1982). Malignant optic glioma presenting radiologically as a “cystic” suprasellar mass: case report and review of the literature. *Neurosurgery*. 11(6):787–9. PMID:6298650
79. Baredes S, Ludwin DB, Troublefield YL, Langer PD, Mirani N (2003). Adenocarcinoma ex-pleomorphic adenoma of the lacrimal sac and nasolacrimal duct: a case report. *Laryngoscope*. 113(6):940–2. PMID:12782801
80. Barker D, Wright E, Nguyen K, Cannon L, Fain P, Goldgar D, et al. (1987). Gene for von Recklinghausen neurofibromatosis is in the pericentromeric region of chromosome 17. *Science*. 236(4805):1100–2. PMID:3107130
81. Barker-Griffith AE, McDonald PR, Green WR (1976). Malignant melanoma arising in a choroidal magnacellular nevus (melanocytoma). *Can J Ophthalmol*. 11(2):140–6. PMID:1078332
82. Barr CC, Rice TA, Michels RG (1980). Angioma-like mass in a patient with retrolental fibroplasia. *Am J Ophthalmol*. 89(5):647–50. PMID:6155069
83. Barros JN, Almeida SR, Lowen MS, Cunha MC, Gomes JA (2015). Impression cytology in the evaluation of ocular surface tumors: review article. *Arq Bras Oftalmol*. 78(2):126–32. PMID:25945538
84. Barry JS, Reddy MA (2008). The association of an epibulbar dermoid and Duane syndrome in a patient with a SALL1 mutation (Townes-Brooks syndrome). *Ophthalmic Genet*. 29(4):177–80. PMID:19005989
85. Bastian BC (2014). The molecular pathology of melanoma: an integrated taxonomy of melanocytic neoplasia. *Annu Rev Pathol*. 9(1):239–71. PMID:24460190
86. Batra R, Mudhar HS, Sandramouli S (2012). A unique case of IgG4 sclerosing dacryocystitis. *Ophthalmol Plast Reconstr Surg*. 28(3):e70–2. PMID:21946772
87. Baysal BE, Maher ER (2015). 15 years of paraganglioma: genetics and mechanism of pheochromocytoma-paraganglioma syndromes characterized by germline SDHB and SDHD mutations. *Endocr Relat Cancer*. 22(4):T71–82. PMID:26113606
88. Beadling C, Jacobson-Dunlop E, Hodi FS, Le C, Warrick A, Patterson J, et al. (2008). KIT gene mutations and copy number in melanoma subtypes. *Clin Cancer Res*. 14(21):6821–8. PMID:18980976
89. Bechrakis NE, Lee WR (1991). Dedifferentiation potential of iris melanoma. *Fortschr Ophthalmol*. 88(6):651–6. PMID:1794785
90. Behbehani RS, Vacarezza N, Sergott RC, Bilyk JR, Hochberg F, Savino PJ (2005). Isolated optic nerve lymphoma diagnosed by optic nerve biopsy. *Am J Ophthalmol*. 139(6):1128–30. PMID:15953457
91. Bell D, Sniogowski MC, Wani K, Prieto V, Esmaeli B (2016). Mutational landscape of lacrimal gland carcinomas and implications for treatment. *Head Neck*. 38 Suppl 1:E724–9. PMID:25899808
92. Bell WR, Singh K, Rajan Kd A, Eberhart CG (2015). Expression of p16 and p53 in intraepithelial periorcular sebaceous carcinoma. *Ocul Oncol Pathol*. 2(2):71–5. PMID:27171611
93. Bellmann C, Lumbroso-Le Rouic L, Levy C, Plancher C, Dendale R, Sastre-Garau X, et al. (2010). Uveal melanoma: management and outcome of patients with extraocular spread. *Br J Ophthalmol*. 94(5):569–74. PMID:19965816
94. Berard M, Sordello S, Ortega N, Carrier JL, Peyri N, Wassef M, et al. (1997). Vascular endothelial growth factor confers a growth advantage in vitro and in vivo to stromal cells cultured from neonatal hemangiomas. *Am J Pathol*. 150(4):1315–26. PMID:9094988
95. Berg JN, Walter JW, Thisanagayam U, Evans M, Blei F, Waner M, et al. (2001). Evidence for loss of heterozygosity of 5q in sporadic haemangiomas: are somatic mutations involved in haemangioma formation? *J Clin Pathol*. 54(3):249–52. PMID:11253142
96. Berman EL, Shields CL, Sago MS, Eagle RC Jr, Shields JA (2008). Multifocal blue nevus of the conjunctiva. *Surv Ophthalmol*. 53(1):41–9. PMID:18191656
97. Bernardini FP, Croxatto JO, Nozza P, Rossi A, Capris P (2013). Primary diffuse leptomeningeal gliomatosis in children: a clinical pathological correlation. *Ophthalmol Plast Reconstr Surg*. 29(2):93–7. PMID:23247038
98. Bernardini FP, Orcioni GF, Croxatto JO (2010). Oncocytic carcinoma of the lacrimal gland in a patient with neurofibromatosis. *Ophthalmol Plast Reconstr Surg*. 26(6):486–8. PMID:20700068
99. Bernstein-Lipschitz L, Lahav M, Chen V, Gutman I, Gal R, Lipschitz M (1990). Metastatic thyroid carcinoma masquerading as lacrimal gland tumor. *Graefes Arch Clin Exp Ophthalmol*. 228(2):112–5. PMID:2186969
100. Bertelmann E, Pahl S, Rieck P (2011). Malignant neoplasms of the lacrimal sac: rarity among tear duct diseases. *Ophthalmologie*. 108(5):440–4. [German] PMID:21125284
101. Bertschinger D, Oberic A, Moulin A, Hamédani M (2010). Malignant transformation of a “benign” lacrimal gland tumor. *Klin Monatsbl Augenheilkd*. 227(4):321–3. PMID:20408086
102. Betz CS, Leung A, Janda P, Jund R (2005). Adenocarcinoma in the tear sack after endonasal dacryocystorhinostomy. *HNO*. 53(3):257–62. [German] PMID:15060716
103. Bhatnagar R, Vine AK (1991). Diffuse infiltrating retinoblastoma. *Ophthalmology*. 98(11):1657–61. PMID:1800925
104. Bhawan J, Silva C, Taungjaruwain WM (2013). Inconsistent immunohistochemical expression of lymphatic and blood endothelial cell markers in cutaneous lymphangiomas. *J Cutan Pathol*. 40(9):801–6. PMID:23782346
105. Bi YW, Chen RJ, Li XP (2007). Clinical and pathological analysis of primary lacrimal sac tumors. *Zhonghua Yan Ke Za Zhi*. 43(6):499–504. [Chinese] PMID:17897525
106. Bianciotto C, Shields CL, Guzman JM, Romanelli-Gobbi M, Mazzuca D Jr, Green WR, et al. (2011). Assessment of anterior segment tumors with ultrasound biomicroscopy versus anterior segment optical coherence tomography in 200 cases. *Ophthalmology*. 118(7):1297–302. PMID:21377736
107. Bissig A, Moulin A, Spahn B, Zembowicz A, Schalenbourg A (2012). Conjunctival pigmented epithelioid melanocytoma: a clinicopathological case report. *Arch Ophthalmol*. 130(11):1478–9. PMID:23143456
108. Biswas J, Bhushan B, Jayakumar N, Chidambaram B (1999). Teratoid malignant medulloepithelioma of the optic nerve: report of a case and review of the literature. *Orbit*. 18(3):191–6. PMID:12045984
109. Biswas J, Kabra S, Krishnakumar S, Shanmugam MP (2004). Clinical and histopathological characteristics of uveal melanoma in Asian Indians. A study of 103 patients. *Indian J Ophthalmol*. 52(1):41–4. PMID:15132378
110. Blakeley JO, Bakker A, Barker A, Clapp W, Ferner R, Fisher MJ, et al. (2017). The path forward: 2015 International Children’s Tumor Foundation conference on neurofibromatosis type 1, type 2, and schwannomatosis. *Am J Med Genet A*. 173(6):1714–21. PMID:28436162
111. Blei F, Walter J, Orlov SJ, Marchuk DA (1998). Familial segregation of hemangiomas and vascular malformations as an autosomal dominant trait. *Arch Dermatol*. 134(6):718–22. PMID:9645641
112. Blicker JA, Rootman J, White VA (1982). Cellular blue nevus of the conjunctiva. *Ophthalmology*. 99(11):1714–7. PMID:1454347
113. Boehlke CS, Frueh BR, Flint A, Eber VM (2007). Malignant fibrous histiocytoma of the lateral conjunctiva and anterior orbit. *Ophthalmol Plast Reconstr Surg*. 23(4):338–40. PMID:17667121
114. Boldrey EE, Schwartz A (1982). Enlargement of congenital hypertrophy of the retinal pigment epithelium. *Am J Ophthalmol*. 94(1):64–6. PMID:7091284
115. Boley S, Sloan JL, Pemov A, Stewart JF (2009). A quantitative assessment of the burden and distribution of Lisch nodules in adults with neurofibromatosis type 1. *Invest Ophthalmol Vis Sci*. 50(11):5035–43. PMID:19516012
116. Bolzoni A, Pianta L, Farina D, Nicotri P (2005). Benign myoepithelioma of the lacrimal gland: report of a case. *Eur Arch Otorhinolaryngol*. 262(3):186–8. PMID:15138773
117. Bonavolontà G, Strianese D, Grassi F, Comune C, Tranfa F, Uccello G, et al. (2013). An analysis of 2,480 space-occupying lesions of the orbit from 1976 to 2011. *Ophthalmol Plast Reconstr Surg*. 29(2):79–86. PMID:23470516
118. Bonavolontà G, Tranfa F, Strianese D, Di Matteo G, Orabona P, De Rosa G (1997). Warthin tumor of the lacrimal gland. *Am J Ophthalmol*. 124(6):857–8. PMID:9402842
119. Bonder D, Fischer MJ, Levine MR (1982). Squamous cell carcinoma of the lacrimal sac. *Ophthalmology*. 90(9):1133–5. PMID:6648852
120. Boniuk M, Messmer EP, Font RL (1985). Hemangiopericytoma of the meninges of the optic nerve. A clinicopathologic report including electron microscopic observations. *Ophthalmology*. 92(12):1780–7. PMID:4088633
121. Boniuk M, Zimmerman LE (1982). Epibulbar osteoma (episcleral ossification choristoma). *Am J Ophthalmol*. 53(2):284–9. PMID:13871021
122. Bonzheim I, Giese S, Deuter C, Sauer D, Zierhut M, Waizel M, et al. (2015). High frequency of MYD88 mutations in vitreoretinal B-cell lymphoma: a valuable tool to improve diagnostic yield of vitreous aspirates. *Blood*. 126(1):76–9. PMID:25900979
123. Bor-Shavit E, Hammel N, Nahum Y, Rapaport ZH, Stiebel-Kalish H (2015). Visual disability rates in a ten-year cohort of patients with anterior visual pathway meningiomas. *Disabil Rehabil*. 37(11):958–62. PMID:25133857
124. Borit A, Richardson EP Jr (1982). Theological and clinical behaviour of pilocytic astrocytomas of the optic pathways. *Brain*. 105(Pt 1):161–87. PMID:7066671
125. Bosch MM, Wichmann WW, Soltmann E, Landau K (2006). Optic nerve sheath meningiomas in patients with neurofibromatosis type 2. *Arch Ophthalmol*. 124(3):375–8. PMID:16534058
126. Boye E, Yu Y, Paranya G, Mulliken JB, Olsen BR, Bischoff J (2001). Correlation of altered behavior of endothelial cells in hemangiomas. *J Clin Invest*. 107(6):745–52. PMID:11254674
127. Boztug K, Frimpong-Ansah K, Nanduri VR, Lawson J, Russell-Eggitt I, Bruns P (2006). Intraocular Langerhans cell histiocytosis in a neonate resulting in bilateral loss of vision. *Pediatr Blood Cancer*. 47(5):634–6. PMID:16444678
128. Brandwein-Gensler M, Hille J, Wang J, Urken M, Gordon R, Wang LJ, et al. (2004). Low-grade salivary duct carcinoma: description of 16 cases. *Am J Surg Pathol*. 28(5):644–5. PMID:15252310
129. Brannan PA, Kersten RC, Schwann S, Kulwin DR (2005). A case of primary

- adenocarcinoma of the lacrimal sac. *Orbit*. 24(4):291–3. PMID:16354642
130. Brantley MA Jr, Harbour JW (2001). The molecular biology of retinoblastoma. *Ocul Immunol Inflamm*. 9(1):1–8. PMID:11262663
131. Bredow L, Martin G, Reinhardt T, Mittelfiefhaus H, Auw-Haendrich C (2009). Recurrent conjunctival papilloma progressing into squamous cell carcinoma with change of HPV-finding during the course. *Br J Ophthalmol*. 93(11):1437,1451. PMID:19692355
132. Brierly JD, Gospodarowicz MK, Wittekind C, editors (2017). *TNM classification of malignant tumours*. 8th ed. Oxford: Wiley Blackwell.
133. Broadbuss E, Topham A, Singh AD (2009). Incidence of retinoblastoma in the USA: 1975–2004. *Br J Ophthalmol*. 93(1):21–3. PMID:18621794
134. Bronkhorst IH, Ly LV, Jordanova ES, Vrolijk J, Versluis M, Luyten GP, et al. (2011). Detection of M2-macrophages in uveal melanoma and relation with survival. *Invest Ophthalmol Vis Sci*. 52(2):643–50. PMID:20811059
135. Bronkhorst IH, Vu TH, Jordanova ES, Luyten GP, Burg SH, Jager MJ (2012). Different subsets of tumor-infiltrating lymphocytes correlate with macrophage influx and monosomy 3 in uveal melanoma. *Invest Ophthalmol Vis Sci*. 53(9):5370–8. PMID:22743317
136. Broughton WL, Zimmerman LE (1978). A clinicopathologic study of 56 cases of intraocular medulloepitheliomas. *Am J Ophthalmol*. 85(3):407–18. PMID:655220
137. Brown GC, Shields JA (1985). Tumors of the optic nerve head. *Surv Ophthalmol*. 29(4):239–64. PMID:3885451
138. Brown HH, Glasgow BJ, Holland GN, Foos RY (1989). Keratinizing corneal intraepithelial neoplasia. *Cornea*. 8(3):220–4. PMID:2472930
139. Brown NA, Furtado LV, Betz BL, Kiel MJ, Weigelin HC, Lim MS, et al. (2014). High prevalence of somatic MAP2K1 mutations in BRAF V600E-negative Langerhans cell histiocytosis. *Blood*. 124(10):1655–8. PMID:24982505
140. Brownstein S (1981). Mucoepidermoid carcinoma of the conjunctiva with intraocular invasion. *Ophthalmology*. 88(12):1226–30. PMID:7322472
141. Brownstein S, Little JM (1983). Ocular neurofibromatosis. *Ophthalmology*. 90(12):1595–9. PMID:6429597
142. Abu el-Asrar AM, al-Momen AK, Kangave D, Harakati MS (1995). Prognostic importance of retinopathy in acute leukemia. *Doc Ophthalmol*. 91(3):273–81. PMID:8886591
143. Buckley RJ (1988). Vernal keratoconjunctivitis. *Int Ophthalmol Clin*. 28(4):303–8. PMID:3053489
144. Buder K, Gesierich A, Gelbrich G, Goebeler M (2013). Systemic treatment of metastatic uveal melanoma: review of literature and future perspectives. *Cancer Med*. 2(5):674–86. PMID:24403233
145. Buettner H (1975). Congenital hypertrophy of the retinal pigment epithelium. *Am J Ophthalmol*. 79(2):177–89. PMID:1115190
146. Bui T, Young JW, Frausto RF, Markello TC, Glasgow BJ, Aldave AJ (2016). Hereditary benign intraepithelial dyskeratosis: report of a case and re-examination of the evidence for locus heterogeneity. *Ophthalmic Genet*. 37(1):76–80. PMID:24555743
147. Bunt AH, Tso MO (1981). Feulgen-positive deposits in retinoblastoma. Incidence, composition, and ultrastructure. *Arch Ophthalmol*. 99(1):144–50. PMID:7006579
148. Burnier MN, McLean IW, Zimmerman LE, Rosenberg SH (1990). Retinoblastoma. The relationship of proliferating cells to blood vessels. *Invest Ophthalmol Vis Sci*. 31(10):2037–40. PMID:2211000
149. Burr JM, Mitry E, Rachet B, Coleman MP (2007). Survival from uveal melanoma in England and Wales 1986 to 2001. *Ophthalmic Epidemiol*. 14(1):3–8. PMID:17365812
150. Burris CK, Rodriguez ME, Raven ML (2015). Melanolytic glaucoma. *Ophthalmology*. 122(12):2422. PMID:26592671
151. Bursztyn LL, Hyrcza MD, Allen LH, Berean KW, Wehrli B (2014). Low-grade intraocular carcinoma of the lacrimal gland. *Orbit*. 33(2):135–8. PMID:24195727
152. Calle CA, Castillo IG, Eagle RC Jr, Daza MT (2006). Oncocytoma of the lacrimal gland: case report and review of the literature. *Orbit*. 25(3):243–7. PMID:16987774
153. Campbell AA, Jakobiec FA, Rashid A, Dana R, Yoon MK (2016). Bilateral sequential dacryocystitis in a patient with graft-versus-host disease. *Ophthalmol Plast Reconstr Surg*. 32(4):e89–92. PMID:25192327
154. Campbell RJ, Min KW, Bolling JP (1997). Skeinoid fibers in mesectodermal leiomyoma of the ciliary body. *Ultrastruct Pathol*. 21(6):559–67. PMID:9355238
155. Campo E, Swerdlow SH, Harris NL, Pileri S, Stein H, Jaffe ES (2011). The 2008 WHO classification of lymphoid neoplasms and beyond: evolving concepts and practical applications. *Blood*. 117(19):5019–32. PMID:21300984
156. Cani AK, Soliman M, Hovelson DH, Liu CJ, McDaniel AS, Haller MJ, et al. (2016). Comprehensive genomic profiling of orbital and ocular adnexal lymphomas identifies frequent alterations in MYD88 and chromatin modifiers: new routes to targeted therapies. *Mod Pathol*. 29(7):685–97. PMID:27102345
157. Canturk S, Qaddoumi I, Khetan V, Ma Z, Furmanchuk A, Antonelli CB, et al. (2010). Survival of retinoblastoma in less-developed countries impact of socioeconomic and health-related indicators. *Br J Ophthalmol*. 94(11):1432–6. PMID:20733021
158. Cao J, Heijkants RC, Jochemsen AG, Dogrusöz M, de Lange MJ, van der Velden PA, et al. (2016). Targeting of the MAPK and AKT pathways in conjunctival melanoma shows potential synergy. *Oncotarget*. 8(35):58021–36. PMID:28938534
159. Capó H, Palmer E, Nicholson DH (1993). Congenital cysts of the iris stroma. *Am J Ophthalmol*. 116(2):228–32. PMID:8352310
160. Caraballo JN, Snyder MR, Johnston PB, O'Neill BP, Raja H, Balsanek JG, et al. (2014). Vitreoretinal lymphoma versus uveitis: cytokine profile and correlations. *Ocul Immunol Inflamm*. 22(1):34–41. PMID:24490677
161. Carbone M, Ferris LG, Baumann F, Napolitano A, Lum CA, Flores EG, et al. (2012). BAP1 cancer syndrome: malignant mesothelioma, uveal and cutaneous melanoma, and MBAITs. *J Transl Med*. 10:179. PMID:22935333
162. Carney JA (1995). Carney complex: the complex of myxomas, spotty pigmentation, endocrine overactivity, and schwannomas. *Semin Dermatol*. 14(2):90–8. PMID:7640202
163. Carrau RL, Stillman E, Canaan RE (1994). Mucoepidermoid carcinoma of the conjunctiva. *Ophthalmol Plast Reconstr Surg*. 10(3):163–8. PMID:7947443
164. Carreño E, Saornil MA, Garcia-Alvarez C, Lopez-Lara F, De Frutos-Baraja JM, Almaraz A (2012). Prevalence of ocular and oculodermal melanocytosis in Spanish population with uveal melanoma. *Eye (Lond)*. 26(1):159–62. PMID:22020174
165. Carvalho RM, Taleb A, Carvalho GL, Avila M (2010). Conjunctival fibrous histiocytoma simulating atypical pterygium in the Amazon region: case report. *Arq Bras Oftalmol*. 73(6):534–6. [Portuguese] PMID:21271031
166. Cassiman C, Casteels I, Jacob J, Plasschaert E, Brems H, Dubron K, et al. (2017). Choroidal abnormalities in café-au-lait syndromes: a new differential diagnostic tool? *Clin Genet*. 91(4):529–35. PMID:27716896
167. Cassoux N, Giron A, Bodaghi B, Tran TH, Baudet S, Daux F, et al. (2007). IL-10 measurement in aqueous humor for screening patients with suspicion of primary intraocular lymphoma. *Invest Ophthalmol Vis Sci*. 48(7):3253–9. PMID:17591896
168. Cervantes G, Rodriguez AA Jr, Leal AG (2002). Squamous cell carcinoma of the conjunctiva: clinicopathological features in 287 cases. *Can J Ophthalmol*. 37(1):14–9. PMID:11865953
169. Chacko JG, Lam BL, Adusumilli J, Dubovy SR (2010). Multicentric malignant glioma of adulthood masquerading as optic neuritis. *Br J Ophthalmol*. 94(6):782–3. PMID:18977790
170. Chahud F, Young RH, Remulla JF, Khadem JJ, Dryja TP (2001). Bilateral diffuse uveal melanocytic proliferation associated with extraocular cancers: review of a process particularly associated with gynecologic cancers. *Am J Surg Pathol*. 25(2):212–8. PMID:11176070
171. Chakraborty R, Hampton OA, Abhyankar H, Zinn DJ, Grimes A, Skull B, et al. (2017). Activating MAPK1 (ERK2) mutation in an aggressive case of disseminated juvenile xanthogranuloma. *Oncotarget*. 8(28):46065–70. PMID:28512266
172. Chakraborty R, Hampton OA, Shen X, Simko SJ, Shih A, Abhyankar H, et al. (2014). Mutually exclusive recurrent somatic mutations in MAP2K1 and BRAF support a central role for ERK activation in LCH pathogenesis. *Blood*. 124(19):3007–15. PMID:25202140
173. Chalkia AK, Spandidos DA, Detorakis ET (2013). Viral involvement in the pathogenesis and clinical features of ophthalmic pterygium (review). *Int J Mol Med*. 32(3):539–43. PMID:23856952
174. Champion R, Daicker BC (1989). Congenital hypertrophy of the pigment epithelium: light microscopic and ultrastructural findings in young children. *Retina*. 9(1):44–8. PMID:2717803
175. Chan CC, Collins AB, Chew EY (2007). Molecular pathology of eyes with von Hippel-Lindau (VHL) disease: a review. *Retina*. 27(1):1–7. PMID:17218907
176. Chan CC, Whitcup SM, Solomon D, Nussenblatt RB (1995). Interleukin-10 in the vitreous of patients with primary intraocular lymphoma. *Am J Ophthalmol*. 120(5):671–3. PMID:7485372
177. Chan WM, Liu DT, Lam LY, Choi PC, Chan CK, Lam DS, et al. (2004). Primary epithelial-myoepithelial carcinoma of the lacrimal gland. *Arch Ophthalmol*. 122(11):1714–7. PMID:15534138
178. Chang MW, Frieden IJ, Good W (1996). The risk intraocular juvenile xanthogranuloma: survey of current practices and assessment of risk. *J Am Acad Dermatol*. 34(3):445–9. PMID:8609257
179. Chang SH, Worley LA, Onken MD, Harbour JW (2008). Prognostic biomarkers in uveal melanoma: evidence for a stem cell-like phenotype associated with metastasis. *Melanoma Res*. 18(3):191–200. PMID:18477893
180. Chang TC, Estes R (2014). Beta blocker treatment of infantile conjunctival hemangiomas—observations from 2 cases. *J AAPOS*. 18(1):80–2. PMID:24568991
181. Chang TS, Byrne SF, Gass JD, Hughes JR, Johnson RN, Murray TG (1996). Echographic findings in benign reactive lymphoid hyperplasia of the choroid. *Arch Ophthalmol*. 114(6):669–75. PMID:8639077
182. Chang Y, Moore P (2014). Twenty years of KSHV. *Viruses*. 6(11):4258–64. PMID:25386844
183. Chang Y, Wei WB, Shi JT, Xian JF, Yang WL, Xu XL, et al. (2016). Clinical and histopathological features of adenomas of the ciliary pigment epithelium. *Acta Ophthalmol*. 94(7):e637–43. PMID:27130243
184. Chanudet E, Ye H, Ferry J, Bacon CM, Adam P, Müller-Hermelink HK, et al. (2009). A20 deletion is associated with copy number gain at the TNFA/B/C locus and occurs preferentially in translocation-negative MALT lymphoma of the ocular adnexa and salivary glands. *J Pathol*. 217(3):420–30. PMID:19006194
185. Chanudet E, Zhou Y, Bacon CM, Wotherspoon AC, Müller-Hermelink HK, Adam P, et al. (2006). Chlamydia psittaci is variably associated with ocular adnexal MALT lymphoma in different geographical regions. *J Pathol*. 209(3):344–51. PMID:16583361
- 185A. Chao AN, Shields CL, Krema H, Shields JA (2001). Outcome of patients with periorbital sebaceous gland carcinoma with and without conjunctival intraepithelial invasion. *Ophthalmology*. 108(10):1877–83. PMID:11581065
186. Chaput F, Amer R, Baglivo E, Toutou V, Kozyreff A, Bron D, et al. (2017). Intraocular T-cell lymphoma: clinical presentation, diagnosis, treatment, and outcome. *Ocul Immunol Inflamm*. 25(5):639–48. PMID:27002464
187. Char DH, Miller T, Kroll S (1997). Orbital metastases: diagnosis and course. *Br J Ophthalmol*. 81(5):386–90. PMID:9227204
188. Char DH, Stone RD, Crawford JB, Wallyn R, Irvine AR, Hilton GF, et al. (1980). Diffuse melanoma of the choroid. *Br J Ophthalmol*. 64(3):178–80. PMID:6966937
189. Charles NC, Fox DM, Avendaño JA, Marroquin LS, Appleman W (1997). Conjunctival neuroblastoma. Report of 3 cases. *Arch Ophthalmol*. 115(4):547–9. PMID:9109769
190. Chavez M, Mafee MF, Castillo B, Kaufman LM, Johnstone H, Edward DP (2004). Medulloepithelioma of the optic nerve. *J Pediatr Ophthalmol Strabismus*. 41(1):48–52. PMID:14974835
191. Chawla B, Kashyap S, Sen S, Bajaj MS, Pushker N, Gupta K, et al. (2013). Clinicopathologic review of epithelial tumors of the lacrimal gland. *Ophthalmol Plast Reconstr Surg*. 29(6):440–5. PMID:24145905
192. Chen H, Li J, Wang L, Cong N, Shi C, Song J, et al. (2014). Hepatocellular carcinoma metastasis to the lacrimal gland: a case report. *Oncol Lett*. 8(2):911–3. PMID:25013516
193. Chen JJ, Costello F, Kardon RH (2015). Sex disparities in neuro-ophthalmologic disorders. *Curr Eye Res*. 40(2):247–65. PMID:24911098
194. Chen TY, Keeney MG, Chintakuntlawar AV, Knutson DL, Kloft-Nelson S, Greipp PT, et al. (2017). Adenoid cystic carcinoma of the lacrimal gland is frequently characterized by MYB rearrangement. *Eye (Lond)*. 31(5):720–5. PMID:28085142
195. Chen X, Maniotis AJ, Majumdar D, Pe'er J, Folberg R (2002). Uveal melanoma cell staining for CD34 and assessment of tumor vascularity. *Invest Ophthalmol Vis Sci*. 43(8):2533–9. PMID:12147581
196. Chen X, Wu Q, Tan L, Porter D, Jager MJ, Emery C, et al. (2014). Combined PKC and MEK inhibition in uveal melanoma with GNAQ and GNA11 mutations. *Oncogene*. 33(39):4724–34. PMID:24141786
197. Chew EY (2005). Ocular manifestations of von Hippel-Lindau disease: clinical and genetic investigations. *Trans Am Ophthalmol Soc*. 103:495–511. PMID:17057815
198. Chhablani PP, Ambiya V, Nair AG, Bondalapati S, Chhablani J (2018). Retinal findings on OCT in systemic conditions. *Semin Ophthalmol*. 33(4):525–46. PMID:28640657
199. Chi MJ, Baek SH (2006). Clinical analysis

- of benign eyelid and conjunctival tumors. *Ophthalmologica*. 220(1):43–51. PMID:16374048
200. Chien JL, Sioufi K, Surakiatchanukul T, Shields JA, Shields CL (2017). Choroidal nevus: a review of prevalence, features, genetics, risks, and outcomes. *Curr Opin Ophthalmol*. 28(3):228–37. PMID:28141766
201. Chilton J, Caughon MR, Kepes JJ (1990). Ganglioglioma of the optic chiasm: case report and review of the literature. *Neurosurgery*. 26(6):1042–5. PMID:2194139
202. Chmielecki J, Crago AM, Rosenberg M, O'Connor R, Walker SR, Ambrogio L, et al. (2013). Whole-exome sequencing identifies a recurrent NAB2-STAT6 fusion in solitary fibrous tumors. *Nat Genet*. 45(2):131–2. PMID:23313954
203. Cho HK, Park SH, Shin SY (2011). Isolated optic nerve metastasis of breast cancer initially mimicking retrolbulbar optic neuritis. *Eur J Ophthalmol*. 21(4):513–5. PMID:21140366
204. Choi EK, Chévez-Barrios P (2014). Inflamed conjunctival nevi: histopathological criteria. *Arch Pathol Lab Med*. 138(9):1242–6. PMID:25171709
205. Choi M, Koo JS, Yoon JS (2015). Recurred adenoid cystic carcinoma of lacrimal gland with aggressive local invasion to the maxillary bone marrow without increased uptake in PET-CT. *Korean J Ophthalmol*. 29(1):68–70. PMID:25646064
206. Chong EM, Coffee RE, Chintagumpala M, Hurwitz RL, Hurwitz MY, Chévez-Barrios P (2006). Extensively necrotic retinoblastoma is associated with high-risk prognostic factors. *Arch Pathol Lab Med*. 130(11):1669–72. PMID:17076529
207. Chowers I, Folberg R, Livni N, Pe'er J (2002). p53 immunoreactivity, Ki-67 expression, and microcirculation patterns in melanoma of the iris, ciliary body, and choroid. *Curr Eye Res*. 24(2):105–8. PMID:12187481
208. Christmas NJ, Mead MD, Richardson EP, Albert DM (1991). Secondary optic nerve tumors. *Surv Ophthalmol*. 36(3):196–206. PMID:1776123
209. Chung A, Mudhar HS (2014). Conjunctival metastasis from pleural mesothelioma. *Ocul Oncol Pathol*. 1(1):19–23. PMID:27175358
210. Coban-Karatas M, Bai N, Altan-Yaycioglu R, Terzi A (2016). Spindle cell carcinoma of the conjunctiva: a rare entity. *Indian J Ophthalmol*. 64(5):402–4. PMID:27380985
211. Cockerham GC, Hidayat AA, Bijwaard KE, Sheng ZM (2000). Re-evaluation of "reactive lymphoid hyperplasia of the uvea": an immunohistochemical and molecular analysis of 10 cases. *Ophthalmology*. 107(1):151–8. PMID:10647734
212. Cohen BH, Green WR, Iliff NT, Taxy JB, Schwab LT, de la Cruz Z (1980). Spindle cell carcinoma of the conjunctiva. *Arch Ophthalmol*. 98(10):1809–13. PMID:7425908
213. Cohen VM, Shields CL, Furuta M, Shields JA (2008). Vitreous seeding from retinal astrocytoma in three cases. *Retina*. 28(6):884–8. PMID:18536607
214. Cohen VM, Tsipida M, Hungerford JL, Jan H, Cerio R, Moir G (2013). Prospective study of sentinel lymph node biopsy for conjunctival melanoma. *Br J Ophthalmol*. 97(12):1525–9. PMID:24064944
215. Colarossi C, Milazzo M, Paglierani M, Massi D, Memeo L, Canzonieri V (2013). A juvenile case of conjunctival atypical nevus. *Diagn Pathol*. 8:64. PMID:23607499
216. Collins VP, Jones DT, Giannini C (2015). Pilocytic astrocytoma: pathology, molecular mechanisms and markers. *Acta Neuropathol*. 129(6):775–88. PMID:25792358
217. Colman SD, Williams CA, Wallace MR (1995). Benign neurofibromas in type 1 neurofibromatosis (NF1) show somatic deletions of the NF1 gene. *Nat Genet*. 11(1):90–2. PMID:7550323
218. Conway VH, Brownstein S, Chisholm IA (1985). Lacrimal gland choristoma of the ciliary body. *Ophthalmology*. 92(3):449–53. PMID:3991133
219. Cook N, Mushtaq F, Leitner C, Ilchysyn A, Smith GT, Cree IA (2016). Chronic tarsal conjunctivitis. *BMC Ophthalmol*. 16:130. PMID:27473439
220. Cooling RJ, Wright JE (1979). Arachnoid hyperplasia in optic nerve glioma: confusion with orbital meningioma. *Br J Ophthalmol*. 63(9):596–9. PMID:486377
221. Copson B, McKelvie PA, Khong JJ (2017). Massive retinal gliosis with episcleral extension. *Clin Experiment Ophthalmol*. 45(9):923–4. PMID:28516476
222. Corrêa ZM, Augsburgers JJ (2016). Independent prognostic significance of gene expression profile class and largest basal diameter of posterior uveal melanomas. *Am J Ophthalmol*. 162:20–7.e1. PMID:26596399
223. Costa S, Byrne M, Pissaloux D, Haddad V, Paindavoine S, Thomas L, et al. (2016). Melanomas associated with blue nevi or mimicking cellular blue nevi: clinical, pathologic, and molecular study of 11 cases displaying a high frequency of GNA11 mutations, BAP1 expression loss, and a predilection for the scalp. *Am J Surg Pathol*. 40(3):368–77. PMID:26645730
224. Coupland S, Heegaard S (2014). Can conjunctival lymphoma be a clinical diagnosis? *Br J Ophthalmol*. 98(5):574–5. PMID:24307715
225. Coupland SE, Anastassiou G, Bornfeld N, Hummel M, Stein H (2005). Primary intraocular lymphoma of T-cell type: report of a case and review of the literature. *Graefes Arch Clin Exp Ophthalmol*. 243(3):189–97. PMID:15806372
- 225A. Coupland SE, Campbell I, Damato B (2008). Routes of extraocular extension of uveal melanoma: risk factors and influence on survival probability. *Ophthalmology*. 115(10):1778–85. PMID:1855472
226. Coupland SE, Damato B (2008). Understanding intraocular lymphomas. *Clin Experiment Ophthalmol*. 36(6):564–78. PMID:18954321
227. Coupland SE, Foss HD, Assaf C, Auw-Haendrich C, Anastassiou G, Anagnostopoulos I, et al. (1999). T-cell and T/natural killer-cell lymphomas involving ocular and ocular adnexal tissues: a clinicopathologic, immunohistochemical, and molecular study of seven cases. *Ophthalmology*. 106(11):2109–20. PMID:10571346
228. Coupland SE, Foss HD, Bechrakis NE, Hummel M, Stein H (2001). Secondary ocular involvement in systemic "memory" B-cell lymphocytic leukemia. *Ophthalmology*. 108(7):1289–95. PMID:11425689
229. Coupland SE, Heimann H, Kellner U, Bornfeld N, Foerster MH, Lee WR (1998). Keratoacanthoma of the bulbar conjunctiva. *Br J Ophthalmol*. 82(5):586. PMID:9713071
230. Coupland SE, Hummel M, Müller HH, Stein H (2005). Molecular analysis of immunoglobulin genes in primary intraocular lymphoma. *Invest Ophthalmol Vis Sci*. 46(10):3507–14. PMID:16186327
231. Coupland SE, Krause L, Delecluse HJ, Anagnostopoulos I, Foss HD, Hummel M, et al. (1998). Lymphoproliferative lesions of the ocular adnexa. Analysis of 112 cases. *Ophthalmology*. 105(8):1430–41. PMID:9709754
232. Coupland SE, Lodenkemper C, Smith JR, Brazier RM, Charlotte F, Anagnostopoulos I, et al. (2005). Expression of immunoglobulin transcription factors in primary intraocular lymphoma and primary central nervous system lymphoma. *Invest Ophthalmol Vis Sci*. 46(11):3957–64. PMID:16249468
233. Coupland SE, White VA, Rootman J, Damato B, Finger PT (2009). A TNM-based clinical staging system of ocular adnexal lymphomas. *Arch Pathol Lab Med*. 133(8):1262–7. PMID:19653722
234. Crawford JB, Howes EL Jr, Char DH (1999). Combined nevi of the conjunctiva. *Trans Am Ophthalmol Soc*. 97:170–85. PMID:10703123
235. Cree IA, Foss AJ, Luthert PJ, McCulloch P (1996). Undefined high-power fields. *Lancet*. 347(8996):273–4. PMID:8551926
236. Crosby MB, Crosby CV, Wojno TH, Grossniklaus HE (2009). Conjunctival lichen planus in a patient with herpes simplex virus keratitis. *Cornea*. 28(8):936–7. PMID:19654517
237. Croxatto JO, Font RL (1982). Hemangiopericytoma of the orbit: a clinicopathologic study of 30 cases. *Hum Pathol*. 13(3):210–8. PMID:7076208
238. Cummings TJ, Dodd LG, Eedes CR, Klintworth GK (2008). Hereditary benign intraepithelial dyskeratosis: an evaluation of diagnostic cytology. *Arch Pathol Lab Med*. 132(8):1325–8. PMID:18684035
239. Curado MP, Edwards B, Shin HR, Storm H, Ferlay J, Heanue M, et al., editors (2007). Cancer incidence in five continents, Vol. IX. Lyon: International Agency for Research on Cancer. IARC Scientific Publication No. 160. Available from: <http://publications.iarc.fr/315>.
240. Cursiefen C, Schlötzer-Schrehardt U, Breiteneder-Geleff S, Holbach LM (2001). Orbital lymphangioma with positive immunohistochemistry of lymphatic endothelial markers (vascular endothelial growth factor receptor 3 and podoplanin). *Graefes Arch Clin Exp Ophthalmol*. 239(8):628–32. PMID:11585321
241. Cursiefen C, Schlötzer-Schrehardt U, Kuchle M, Sorokin L, Breiteneder-Geleff S, Altalio K, et al. (2002). Lymphatic vessels in vascularized human corneas: immunohistochemical investigation using LYVE-1 and podoplanin. *Invest Ophthalmol Vis Sci*. 43(7):2127–35. PMID:12091407
242. Damasceno RW, Holbach LM (2012). Primary ductal adenocarcinoma of the lacrimal gland: case report. *Arq Bras Oftalmol*. 75(1):64–6. PMID:22552422
243. Damato B, Coupland SE (2008). Conjunctival melanoma and melanosis: a reappraisal of terminology, classification and staging. *Clin Experiment Ophthalmol*. 36(8):786–95. PMID:19128387
244. Damato B, Coupland SE (2009). An audit of conjunctival melanoma treatment in Liverpool. *Eye (Lond)*. 23(4):801–9. PMID:18535601
245. Damato B, Coupland SE (2009). Management of conjunctival melanoma. *Expert Rev Anticancer Ther*. 9(9):1227–39. PMID:19761427
246. Damato BE, Coupland SE (2012). Differences in uveal melanomas between men and women from the British Isles. *Eye (Lond)*. 26(2):292–9. PMID:22079972
247. Daniel L, Rao S, Muthusamy R, Yerramsetti D (2014). Mucoepidermoid carcinoma ex pleomorphic adenoma of the lacrimal gland: a rare presentation. *Indian J Ophthalmol*. 62(6):743–6. PMID:25005213
248. Dark AJ, Streeten BW (1980). Preinvasive carcinoma of the cornea and conjunctiva. *Br J Ophthalmol*. 64(7):506–14. PMID:7426564
249. Dasgupta T, Wilson LD, Yu JB (2009). A retrospective review of 1349 cases of sebaceous carcinoma. *Cancer*. 115(1):158–65. PMID:18988294
250. Davis JL, Viciano AL, Ruiz P (1997). Diagnosis of intraocular lymphoma by flow cytometry. *Am J Ophthalmol*. 124(3):362–72. PMID:9439362
251. Dayan MR, Elston JS, McDonald B (2000). Bilateral lymphomatous optic neuropathy diagnosed on optic nerve biopsy. *Arch Ophthalmol*. 118(10):1455–7. PMID:11030839
252. de Alba MA, Villegas M, Gold AS, Wiltner A, Ehlijs FJ, Latiff A, et al. (2015). Clinical findings and genetic expression profiling of three pigmented lesions of the optic nerve. *Case Rep Ophthalmol Med*. 2015:590555. PMID:25984377
253. de Brito BS, Gaspar NG, Egal EE, Sanchez-Romero C, Martins AS, Tincani AJ, et al. (2016). PLAG1 expression is maintained in recurrent pleomorphic adenoma. *Virchows Arch*. 469(4):477–81. PMID:27381214
254. de Brito BS, Giovanelli N, Egal EE, Sánchez-Romero C, Nascimento JS, Martins AS, et al. (2016). Loss of expression of PLAG1 in malignant transformation from pleomorphic adenoma to carcinoma ex pleomorphic adenoma. *Hum Pathol*. 57:152–9. PMID:27472255
255. de Jong MC, Kors WA, de Graaf P, Castelijns JA, Kiveliä T, Moll AC (2014). Triaxial retinoblastoma: a systematic review and meta-analysis. *Lancet Oncol*. 15(10):1157–67. PMID:25126964
256. de Keizer RJ, de Wolff-Rouendaal D, Nooy MA (2008). Angiosarcoma of the eyelid and periorbital region. Experience in Liden with iridium192 brachytherapy and low-dose doxorubicin chemotherapy. *Orbit*. 27(1):5–12. PMID:18307140
257. De Laey JJ, De Gerssem R (1989). Clinical aspects of leukemic infiltration of the choroid and the optic nerve. *J Fr Ophthalmol*. 12(11):819–25. [French] PMID:2700993
258. De Silva DJ, Tumuluri K, Joshi N (2005). Conjunctival squamous cell carcinoma: atypical presentation of HIV. *Clin Experiment Ophthalmol*. 33(4):419–20. PMID:16033363
259. de Camargo B, de Oliveira Ferreira JM, de Souza Reis R, Ferman S, de Oliveira Santos L, Pombo-de-Oliveira MS (2011). Socioeconomic status and the incidence of non-central nervous system childhood embryonic tumours in Brazil. *BMC Cancer*. 11:160. PMID:21545722
260. De Rosa G, Zeppa P, Tranfa F, Bonaventura G (1986). Acinic cell carcinoma arising in a lacrimal gland. First case report. *Cancer*. 57(10):1988–91. PMID:3955504
261. De Salvo G, Krebs I, Binder S (2014). High-definition optical coherence tomography in a case of congenital hypertrophy of the retinal pigment epithelium. *Ophthalmic Surg Laser Imaging*. 41 Suppl:S93–5. PMID:21117611
262. DeBarge LR, Chan CC, Greenberg SC, McLean IW, Yannuzzi LA, Nussenblatt RB (1994). Chorioretinal, iris, and ciliary body infiltration by juvenile xanthogranuloma masquerading as uveitis. *Surv Ophthalmol*. 39(1):25–39. PMID:7974193
263. Decatur CL, Ong E, Garg N, Ananthanarayanan H, Bowcock AM, Field MG, et al. (2016). Driver mutations in uveal melanoma: association with gene expression profile and patient outcomes. *JAMA Ophthalmol*. 134(7):728–33. PMID:27123562
264. Dei Tos AP, Seregard S, Calonje E, Oak JK, Fletcher CD (1995). Giant cell angiobroma. A distinctive orbital tumor in adults. *Am J Surg Pathol*. 19(11):1286–93. PMID:7573691
265. Deliganis AV, Geyer JR, Berger MS (1988). Prognostic significance of type 1 neurofibromatosis (von Recklinghausen Disease) in childhood optic glioma. *Neurosurgery*. 38(5):714–6. PMID:8727140
266. Demicco EG, Harms PW, Patel RM, Smith SC, Ingram D, Torres K, et al. (2015). Extensive survey of STAT6 expression in a large series of mesenchymal tumors. *Am J Clin Pathol*. 143(5):672–82. PMID:25873501
267. Demirci H, Christanson MD (2013). Eyelid angiosarcoma: a case report and review

- the literature. *Middle East Afr J Ophthalmol*. 20(3):259–62. PMID:24014993
268. Demirci H, Mashayekhi A, Shields CL, Eagle RC Jr, Shields JA (2005). Iris melanocytoma: clinical features and natural course in 47 cases. *Am J Ophthalmol*. 139(3):468–75. PMID:15767055
269. Demirci H, Shields CL, Chao AN, Shields JA (2003). Uveal metastasis from breast cancer in 264 patients. *Am J Ophthalmol*. 136(2):264–71. PMID:12888048
270. Demirci H, Shields CL, Eagle RC Jr, Shields JA (2006). Report of a conjunctival myxoma case and review of the literature. *Arch Ophthalmol*. 124(5):735–8. PMID:16682598
271. Demirci H, Shields CL, Shields JA (2003). Bilateral optic disk melanocytoma in a 10-month-old infant. *Am J Ophthalmol*. 136(1):190–2. PMID:12834694
272. Demirci H, Shields CL, Shields JA, Eagle RC Jr (2000). Malignant melanoma arising from unusual conjunctival blue nevus. *Arch Ophthalmol*. 118(11):1581–4. PMID:11074819
273. Demirci H, Shields CL, Shields JA, Eagle RC Jr, Honavar S (2001). Ring melanoma of the anterior chamber angle: a report of fourteen cases. *Am J Ophthalmol*. 132(3):336–42. PMID:11530045
274. Denby P, Harvey L, English MG (1986). Solitary metastasis from an occult renal cell carcinoma presenting as a primary lacrimal gland tumour. *Orbit*. 5:21–4.
275. DeParis SW, Bloomer M, Han Y, Vagefi MR, Shieh JTC, Solomon DA, et al. (2017). Uveal ganglioma due to germline PTEN mutation (Cowden syndrome) presenting as unilateral infantile glaucoma. *Ocul Oncol Pathol*. 3(2):122–8. PMID:28868283
276. Dharmasena A, Lee PW, Irion LC, Bonshah R, Abdullah M, Nolan D (2016). Non-keratinising undifferentiated nasopharyngeal-type carcinoma of the lacrimal sac. *Int J Ophthalmol*. 9(8):1238–42. PMID:27588283
277. Dhupper M, Biswas J, Gopal L, Kumar SK, Khetan V (2012). Clinicopathological correlation of choroidal melanoma in Indian population: a study of 113 cases. *Oman J Ophthalmol*. 5(1):42–5. PMID:22557876
278. Di Cesare S, Marshall JC, Fernandes BF, Logan P, Anteck E, Filho VB, et al. (2007). In vitro characterization and inhibition of the CXCR4/CXCL12 chemokine axis in human uveal melanoma cell lines. *Cancer Cell Int*. 7:17. PMID:18001467
279. Di Cesare S, Marshall JC, Logan P, Anteck E, Faingold D, Maloney SC, et al. (2007). Expression and migratory analysis of 5 human uveal melanoma cell lines for CXCL12, CXCL8, CXCL1, and HGF. *J Carcinog*. 6:2. PMID:17261188
280. Di Girolamo N (2012). Association of human papilloma virus with pterygia and ocular-surface squamous neoplasia. *Eye (Lond)*. 26(2):202–11. PMID:22134594
281. Diltner E, Ten Tusscher MP (2015). Breast cancer metastasis presenting as conjunctival chemosis. *Case Rep Ophthalmol*. 6(3):439–42. PMID:26955345
282. Dimaras H, Khetan V, Halliday W, Héon E, Chan HS, Gallie BL (2009). Retinoma underlying retinoblastoma revealed after tumor response to 1 cycle of chemotherapy. *Arch Ophthalmol*. 127(8):1066–8. PMID:19667353
283. Dimaras H, Khetan V, Halliday W, Orlic M, Prigoda NL, Piovesan B, et al. (2008). Loss of RB1 induces non-proliferative retinoma: increasing genomic instability correlates with progression to retinoblastoma. *Hum Mol Genet*. 17(10):1363–72. PMID:18211953
284. Dingemans KP, van den Bergh Weerman MA (1990). Rapid contrasting of extracellular elements in thin sections. *Ultrastruct Pathol*. 14(6):519–27. PMID:1704157
285. Dithmar S, Völcker HE, Grossniklaus HE (1999). Multifocal intraocular malignant melanoma: report of two cases and review of the literature. *Ophthalmology*. 106(7):1345–8. PMID:10406619
286. Dithmar SA, Rusciano DA, Armstrong CA, Lynn MJ, Grossniklaus HE (1999). Depletion of NK cell activity results in growth of hepatic micrometastases in a murine ocular melanoma model. *Curr Eye Res*. 19(5):426–31. PMID:10520219
287. Divine RD, Anderson RL, Ossoinig KC (1982). Metastatic carcinoid unresponsive to radiation therapy presenting as a lacrimal fossa mass. *Ophthalmology*. 89(5):516–20. PMID:7099572
288. Dobyns WB, Michels VV, Groover RV, Mokri B, Trautmann JC, Forbes GS, et al. (1987). Familial cavernous malformations of the central nervous system and retina. *Ann Neurol*. 21(6):578–83. PMID:3606045
289. Dogrusöz M, Bagger M, van Duinen SG, Kroes WG, Ruivenkamp CA, Böhringer S, et al. (2017). The prognostic value of AJCC staging in uveal melanoma is enhanced by adding chromosome 3 and 8q status. *Invest Ophthalmol Vis Sci*. 58(2):833–42. PMID:28159971
290. Dolin PJ, Foss AJ, Hungerford JL (1994). Uveal melanoma: is solar ultraviolet radiation a risk factor? *Ophthalmic Epidemiol*. 1(1):27–30. PMID:8790610
291. Domingo RE, Manganip LE, Castro RM (2015). Tumors of the eye and ocular adnexa at the Philippine Eye Research Institute: a 10-year review. *Clin Ophthalmol*. 9:1239–47. PMID:26185414
292. Doro D, Parrozzani R, Midena E (2012). Ultrasound biomicroscopy examination of anterior uveal tumors: information on location and size only? *Acta Clin Croat*. 51 Suppl 1:37–44. PMID:23431723
293. Dorsey CS, Montgomery H (1954). Blue nevus and its distinction from Mongolian spot and the nevus of Ota. *J Invest Dermatol*. 22(3):225–36. PMID:13130904
294. Dotto JE, Glusac EJ (2006). p63 is a useful marker for cutaneous spindle cell squamous cell carcinoma. *J Cutan Pathol*. 33(6):413–7. PMID:16776716
295. Doycheva D, Zierhut M, Süsskind D, Bartz-Schmidt KU, Deuter C (2015). Diagnostics and treatment of choroidal lymphoma. *Ophthalmology*. 122(3):217–22. [German] PMID:25693876
296. Doyle LA, Vivero M, Fletcher CD, Mertens F, Hornick JL (2014). Nuclear expression of STAT6 distinguishes solitary fibrous tumor from histologic mimics. *Mod Pathol*. 27(3):390–5. PMID:24030747
297. Dratviman-Storobinsky O, Cohen Y, Frenkel S, Pe'er J, Goldenberg-Cohen N (2010). Lack of oncogenic GNAQ mutations in melanocytic lesions of the conjunctiva as compared to uveal melanoma. *Invest Ophthalmol Vis Sci*. 51(12):6180–2. PMID:20631239
298. Dryja TP, Cavenee W, White R, Rapaport JM, Petersen R, Albert DM, et al. (1984). Homozygosity of chromosome 13 in retinoblastoma. *N Engl J Med*. 310(9):550–3. PMID:6694706
299. Dryja TP, Zakov ZN, Albert DM (1980). Adenocarcinoma arising from the epithelium of the iris and ciliary body. *Int Ophthalmol Clin*. 20(2):177–90. PMID:6995386
300. Duncan JL, Golabi M, Fredrick DR, Hoyt CS, Hwang DG, Kramer SG, et al. (1998). Complex limbal choristomas in linear nevus sebaceous syndrome. *Ophthalmology*. 105(8):1459–65. PMID:9709758
301. Duprez R, Lacoste V, Brière J, Coupié P, Frances C, Sainte-Marie D, et al. (2007). Evidence for a multicentric origin of multicentric advanced lesions of Kaposi sarcoma. *J Natl Cancer Inst*. 99(14):1086–94. PMID:17623796
302. Durieux E, Descotes F, Nguyen AM, Grange JD, Devouassoux-Shisheboran M (2015). Somatic DICER1 gene mutation in sporadic intraocular medulloepithelioma without pleuropulmonary blastoma syndrome. *Hum Pathol*. 46(5):783–7. PMID:25791583
303. Dutton JJ (1991). Optic nerve gliomas and meningiomas. *Neurol Clin*. 9(1):163–77. PMID:2011108
304. Eagle RC Jr (2009). High-risk features and tumor differentiation in retinoblastoma: a retrospective histopathologic study. *Arch Pathol Lab Med*. 133(8):1203–9. PMID:19653710
305. Eagle RC Jr, Font RL, Swerczek TW (1978). Malignant medulloepithelioma of the optic nerve in a horse. *Vet Pathol*. 15(4):488–94. PMID:695223
306. Eagle RC Jr, Shields JA, Donoso L, Milner RS (1989). Malignant transformation of spontaneously regressed retinoblastoma, retinoma/retinocytoma variant. *Ophthalmology*. 96(9):1389–95. PMID:2780006
307. Easton DF, Ponder MA, Huson SM, Ponder BA (1993). An analysis of variation in expression of neurofibromatosis (NF) type 1 (NF1): evidence for modifying genes. *Am J Hum Genet*. 53(2):305–13. PMID:8328449
308. Edelstein C, Shields CL, Shields JA, Eagle RC Jr (1998). Presumed adenocarcinoma of the retinal pigment epithelium in a blind eye with a staphylococcal infection. *Arch Ophthalmol*. 116(4):525–8. PMID:9565054
309. Edward DP, Alkatan H, Rafiq Q, Eberhart C, Al Mesfer S, Ghazi N, et al. (2015). MicroRNA profiling in intraocular medulloepitheliomas. *PLoS One*. 10(3):e0121706. PMID:25807141
310. Egan KM, Seddon JM, Glynn RJ, Gragoudas ES, Albert DM (1988). Epidemiologic aspects of uveal melanoma. *Surv Ophthalmol*. 32(4):239–51. PMID:3279559
311. Egbert PR, Chan CC, Winter FC (1976). Flat preparations of the retinal vessels in Coats' disease. *J Pediatr Ophthalmol*. 13(6):336–9. PMID:798026
312. Eggers H, Jakobiec FA, Jones IS (1976). Tumors of the optic nerve. *Doc Ophthalmol*. 41(1):43–128. PMID:773617
313. El Demellawy D, McGowan-Jordan J, de Nanassy J, Chernetsova E, Nasr A (2017). Update on molecular findings in rhabdomyosarcoma. *Pathology*. 49(3):238–46. PMID:28256213
314. El-Naggar AK, Chan JKC, Grandis JR, Takata T, Slootweg PJ, editors (2017). WHO classification of head and neck tumours. 4th ed. Lyon: International Agency for Research on Cancer. Available from: <http://publications.iarc.fr/548>.
315. El-Sawy T, Frank SJ, Hanna E, Sniegowski M, Lai SY, Nasser QJ, et al. (2013). Multidisciplinary management of lacrimal sac/nasolacrimal duct carcinomas. *Ophthalm Plast Reconstr Surg*. 29(6):454–7. PMID:24195987
316. Eldaly H, Eldaly Z (2015). Melanocytoma of the optic nerve head, thirty-month follow-up. *Semin Ophthalmol*. 30(5–6):464–9. PMID:24506313
317. Eldesouky MA, Elbakary MA, Sabik S, Shareef MM (2014). Lacrimal fossa lesions: a review of 146 cases in Egypt. *Clin Ophthalmol*. 8:1603–9. PMID:25210428
318. Eletr ZM, Wilkinson KD (2011). An emerging model for BAP1's role in regulating cell cycle progression. *Cell Biochem Biophys*. 60(1–2):3–11. PMID:21484256
319. Eller AW, Bernardino VB Jr (1983). Blue nevi of the conjunctiva. *Ophthalmology*. 90(12):1469–71. PMID:6677846
320. Ellis FJ, Eagle RC Jr, Shields JA, Shields CL, Fessler JN, Takemoto LJ (1993). Phakomatous choristoma (Zimmerman's tumor). Immunohistochemical confirmation of lens-specific proteins. *Ophthalmology*. 100(6):955–60. PMID:7685513
321. Ellis GS Jr, Pakalnis VA, Worley G, Green JA, Frothingham TE, Sturmer RA, et al. (1986). *Toxocara canis* infestation. Clinical and epidemiological associations with seropositivity in kindergarten children. *Ophthalmology*. 93(8):1032–7. PMID:3763150
322. Elsas FJ, Green WR (1975). Epibulbar tumors in childhood. *Am J Ophthalmol*. 79(6):1001–7. PMID:166560
- 322A. Emile JF, Abia O, Fraïtag S, Horne A, Haroche J, Donadieu J, et al. (2016). Revised classification of histiocytoses and neoplasms of the macrophage-dendritic cell lineages. *Blood*. 127(22):2672–81. PMID:26966089
- 322B. Emile JF, Charlotte F, Amoura Z, Haroche J (2013). BRAF mutations in Erdheim-Chester disease. *J Clin Oncol*. 31(3):398. PMID:23248255
323. Emmanuel B, Ruder E, Lin SW, Abnet C, Hollenbeck A, Mbulaiteye S (2012). Incidence of squamous-cell carcinoma of the conjunctiva and other eye cancers in the NIH-AARP Diet and Health Study. *Eccancermediscience*. 6:254. PMID:22654961
324. Enescu AS, Mărgăritescu CL, Crăitoiu MM, Enescu A, Crăitoiu Ș (2013). The involvement of growth differentiation factor 5 (GDF5) and aggrecan in the epithelial-mesenchymal transition of salivary gland pleomorphic adenoma. *Rom J Morphol Embryol*. 54(4):969–76. PMID:24398992
325. Erickson BP, Modi YS, Ko MJ, Hussain RM, Gomez-Fernandez C, Johnson TE (2014). Transitional cell-type papillary carcinoma of the lacrimal sac manifesting as a medial canthal skin lesion. *Orbit*. 33(5):378–81. PMID:24911210
326. Erşahin Y, Yüntün N (1999). Bilateral optic nerve glioma. *Pediatr Neurosurg*. 31(3):168. PMID:10708361
327. Eskelin S, Kivelä T (2002). Mode of presentation and time to treatment of uveal melanoma in Finland. *Br J Ophthalmol*. 86(3):333–8. PMID:11864894
328. Eskelin S, Tömmä P, Palosaari T, Kivelä T (2008). Photodynamic therapy with verteporfin to induce regression of aggressive retinal astrocytomas. *Acta Ophthalmol*. 86(7):794–9. PMID:18759802
329. Esmaeli B, Roberts D, Ross M, Fellman M, Cruz H, Kim SK, et al. (2012). Histologic features of conjunctival melanoma predictive of metastasis and death (an American Ophthalmological thesis). *Trans Am Ophthalmol Soc*. 110:64–73. PMID:23818735
330. Esmaeli DD, Mukai S, Jakobiec FA, Kim IK, Gragoudas ES (2009). Ocular melanocytoma. *Int Ophthalmol Clin*. 49(1):165–75. PMID:19125075
331. Esteban F, González-Pérez JM, Benaixa JP, Redondo M, Nevado M, López-Garrido J, et al. (2007). Malignant melanomas of the nasolacrimal duct. *J Laryngol Otol*. 121(3):285–8. PMID:17123453
332. Evans DG, Baser ME, McGaughan J, Sharif S, Howard E, Moran A (2002). Malignant peripheral nerve sheath tumours in neurofibromatosis 1. *J Med Genet*. 39(5):311–4. PMID:12011145
333. Eweiss AZ, Lund VJ, Jay A, Rose G (2013). Transitional cell tumours of the lacrimal drainage apparatus. *Rhinology*. 51(4):349–54. PMID:24260768
334. Ewens KG, Bhatti TR, Moran KA, Richards-Yutz J, Shields CL, Eagle RC, et al. (2017). Phosphorylation of pRB: mechanism for RB pathway inactivation in MYCN-amplified retinoblastoma. *Cancer Med*. 6(3):619–30.

335. Faber DL, Galili R, Nitzan O, Sharoni E (2015). Systemic generalized lymphangiomatosis: a diagnostic challenge. *Isr Med Assoc J*. 17(12):785–6. PMID:26897985
336. Fajardo-Gutiérrez A, Juárez-Ocaña S, González-Miranda G, Palma-Padilla V, Carreón-Cruz R, Ortega-Alvarez MC, et al. (2007). Incidence of cancer in children residing in ten jurisdictions of the Mexican Republic: importance of the cancer registry (a population-based study). *BMC Cancer*. 7:68. PMID:17445267
337. Fan JT, Robertson DM, Campbell RJ (1995). Clinicopathologic correlation of a case of adenocarcinoma of the retinal pigment epithelium. *Am J Ophthalmol*. 119(2):243–5. PMID:7832240
338. Farah SE, Konrad H, Huang DT, Geist CE (1999). Ectopic orbital meningioma: a case report and review. *Ophthalm Plast Reconstr Surg*. 15(6):463–6. PMID:10588262
339. Faris B, Tolentino FI, Freeman HM, Brockhurst RJ, Schepens CL (1971). Retrolental fibroplasia in the cicatricial stage. Fundus and vitreous findings. *Arch Ophthalmol*. 85(6):661–8. PMID:5109298
340. Farmer JP, Lamba M, Lamba WR, Jordan DR, Gilbert S, Sengar DP, et al. (2005). Lymphoproliferative lesions of the lacrimal gland: clinicopathological, immunohistochemical and molecular genetic analysis. *Can J Ophthalmol*. 40(2):151–60. PMID:16049528
341. Fatima A, Matalia HP, Vemuganti GK, Honavar SG, Sangwan VS (2006). Pseudoepitheliomatous hyperplasia mimicking ocular surface squamous neoplasia following cultivated limbal epithelium transplantation. *Clin Experiment Ophthalmol*. 34(9):889–91. PMID:17181623
342. Felder KS, Brockhurst RJ (1982). Neovascular fundus abnormalities in peripheral uveitis. *Arch Ophthalmol*. 100(5):750–4. PMID:6177305
343. Feng L, Cai D, Muhetaer A, Yang YL, Ren F, Yishake M, et al. (2017). Spindle cell carcinoma: the general demographics, basic clinic-pathologic characteristics, treatment, outcome and prognostic factors. *Oncotarget*. 8(26):43228–36. PMID:28591732
344. Feng X, Degese MS, Iglesias-Bartolome R, Vaque JP, Molinolo AA, Rodrigues M, et al. (2014). Hippo-independent activation of YAP by the GNAQ uveal melanoma oncogene through a trio-regulated rho GTPase signaling circuitry. *Cancer Cell*. 25(6):831–45. PMID:24882515
345. Fernandes BF, Odashiro AN, Saraiva VS, Logan P, Anteckka E, Burnier MN Jr. (2007). Immunohistochemical expression of melan-A and tyrosinase in uveal melanoma. *J Carcinog*. 6:6. PMID:17445277
346. Fernández-Vega Cueto L, Tresserra F, de la Paz MF (2014). De novo growth of a capillary hemangioma of the conjunctiva. *Arch Soc Esp Oftalmol*. 89(3):127–9. [Spanish] PMID:24269394
347. Ferry AP (1981). Granular cell tumor (myoblastoma) of the palpebral conjunctiva causing pseudoepitheliomatous hyperplasia of the conjunctival epithelium. *Am J Ophthalmol*. 91(2):234–8. PMID:6258438
348. Ferry AP, Font RL (1974). Carcinoma metastatic to the eye and orbit. I. A clinicopathologic study of 227 cases. *Arch Ophthalmol*. 92(4):276–86. PMID:4412321
349. Ferry AP, Hein HF (1970). Epibulbar osseous choristoma within an epibulbar dermoid. *Am J Ophthalmol*. 70(5):764–6. PMID:5477166
350. Ferry JA, Fung CY, Zukerberg L, Lucarelli MJ, Hasserjian RP, Preffer FI, et al. (2007). Lymphoma of the ocular adnexa: a study of 353 cases. *Am J Surg Pathol*. 31(2):170–84. PMID:17255761
351. Field MG, Decatur CL, Kurtenbach S, Gezzin G, van der Velden PA, Jager MJ, et al. (2016). PRAME as an independent biomarker for metastasis in uveal melanoma. *Clin Cancer Res*. 22(5):1234–42. PMID:26933176
352. Fine SW, McClain SA, Li M (2004). Immunohistochemical staining for calretinin is useful for differentiating schwannomas from neurofibromas. *Am J Clin Pathol*. 122(4):552–9. PMID:15487453
353. Fishman ML, Tomaszewski MM, Kuabara T (1976). Malignant melanoma of the skin metastatic to the eye. Frequency in autopsy series. *Arch Ophthalmol*. 94(8):1309–11. PMID:949273
354. Fisson S, Ouakrim H, Touitou V, Baudet S, Ben Abdelwahed R, Donnou S, et al. (2013). Cytokine profile in human eyes: contribution of a new cytokine combination for differential diagnosis between intraocular lymphoma or uveitis. *PLoS One*. 8(2):e52385. PMID:23405064
355. Flanagan JC, Stokes DP (1978). Lacrimal sac tumors. *Ophthalmology*. 85(12):1282–7. PMID:745835
356. Fleming MD, Pinkus JL, Fournier MV, Alexander SW, Tam C, Loda M, et al. (2003). Coincident expression of the chemokine receptors CCR6 and CCR7 by pathologic Langerhans cells in Langerhans cell histiocytosis. *Blood*. 101(7):2473–5. PMID:12642342
357. Fletcher CDM, Bridge JA, Hogendoorn PCW, Mertens F, editors (2013). WHO classification of tumours of soft tissue and bone. 4th ed. Lyon: International Agency for Research on Cancer. Available from: <http://publications.iarc.fr/15>.
358. Folberg R, Hendrix MJ, Maniotis AJ (2000). Vasculogenic mimicry and tumor angiogenesis. *Am J Pathol*. 156(2):361–81. PMID:10666364
359. Folberg R, Jakobiec FA, Bernardino VB, Iwamoto T (1989). Benign conjunctival melanocytic lesions. Clinicopathologic features. *Ophthalmology*. 96(4):436–61. PMID:2657539
360. Folberg R, McLean IW, Zimmerman LE (1985). Primary acquired melanosis of the conjunctiva. *Hum Pathol*. 16(2):129–35. PMID:3972395
361. Folberg R, Rummelt V, Parys-Van Ginderdeuren R, Hwang T, Woolson RF, Pe'er J, et al. (1993). The prognostic value of tumor blood vessel morphology in primary uveal melanoma. *Ophthalmology*. 100(9):1389–98. PMID:8371929
362. Font RL, Chaqués-Alepuz V (2011). Giant optic disk melanocytoma complicated with massive intraocular seeding. *Arch Soc Esp Ophthalmol*. 86(5):158–61. [Spanish] PMID:21624657
363. Font RL, Del Valle M, Avedaño J, Longo M, Boniuk M (2008). Primary adenoid cystic carcinoma of the conjunctiva arising from the accessory lacrimal glands: a clinicopathologic study of three cases. *Cornea*. 27(4):494–7. PMID:18434856
364. Font RL, Ferry AP (1976). Carcinoma metastatic to the eye and orbit III. A clinicopathologic study of 28 cases metastatic to the orbit. *Cancer*. 38(3):1326–35. PMID:953971
365. Font RL, Moura RA, Shettler DJ, Martinez JA, McPherson AR (1989). Combined hamartoma of sensory retina and retinal pigment epithelium. *Retina*. 9(4):302–11. PMID:2697919
366. Font RL, Smith SL, Bryan RG (1998). Malignant epithelial tumors of the lacrimal gland: a clinicopathologic study of 21 cases. *Arch Ophthalmol*. 116(5):613–6. PMID:9596497
367. Font RL, Yanoff M, Zimmerman LE (1969). Intraocular adipose tissue and persistent hyperplastic primary vitreous. *Arch Ophthalmol*. 82(1):43–50. PMID:5791501
368. Font RL, Croxatto JO, Rao NA (2006). Tumors of the orbit. In: AFIP atlas of tumor pathology: tumors of the eye and ocular adnexa. Series 4, Fascicle 5. Washington, DC: American Registry of Pathology; pp. 265–319.
369. Foss AJ, Alexander RA, Hungerford JL, Harris AL, Cree IA, Lightman S (1997). Reassessment of the PAS patterns in uveal melanoma. *Br J Ophthalmol*. 81(3):240–8. PMID:9135390
370. Foss AJ, Alexander RA, Jefferies LW, Hungerford JL, Harris AL, Lightman S (1996). Microvessel count predicts survival in uveal melanoma. *Cancer Res*. 56(13):2900–3. PMID:8674036
371. Foss AJ, Pecorella I, Alexander RA, Hungerford JL, Garner A (1994). Are most intraocular "leiomyomas" really melanocytic lesions? *Ophthalmology*. 101(5):919–24. PMID:8190481
372. Francis JH, Wiesner T, Milman T, Won HH, Lin A, Lee V, et al. (2016). Investigation of somatic GNAQ, GNA11, BAP1 and SF3B1 mutations in ophthalmic melanocytomas. *Ocul Oncol Pathol*. 2(3):171–7. PMID:27239460
373. Frank RN, Ryan SJ Jr (1972). Peripheral retinal neovascularization with chronic myelogenous leukemia. *Arch Ophthalmol*. 87(5):585–9. PMID:4503298
374. Frayer WC (1966). Reactivity of the retinal pigment epithelium: an experimental and histopathologic study. *Trans Am Ophthalmol Soc*. 64:586–643. PMID:5965122
375. Fredrick DR, Char DH, Ljung BM, Brinton DA (1989). Solitary intraocular lymphoma as an initial presentation of widespread disease. *Arch Ophthalmol*. 107(3):395–7. PMID:2647068
376. Freedman SF, Elner VM, Donev I, Guntar R, Albert DM (1988). Intraocular neurilemmoma arising from the posterior ciliary nerve in neurofibromatosis. Pathologic findings. *Ophthalmology*. 95(11):1559–64. PMID:3145478
377. Freeman RG, Cloud TM, Knox JM (1961). Keratoconjunctivitis of the conjunctiva. A case report. *Arch Ophthalmol*. 65(6):817–9. PMID:13701646
378. Freiberg FJ, Kunstmann E, König T, Matlach J, Kampik D (2016). Conjunctival lymphangioma in a 4-year-old girl revealed tuberous sclerosis complex. *GMS Ophthalmol Cases*. 6:Doc09. PMID:27703871
379. Fried I, Tabori U, Tihan T, Reginald A, Bouffet E (2013). Optic pathway gliomas: a review. *CNS Oncol*. 2(2):143–59. PMID:25057976
380. Friedman JM (1999). Epidemiology of neurofibromatosis type 1. *Am J Med Genet*. 89(1):1–6. PMID:10469430
381. Fritz A, Percy C, Jack A, Shanmugaratnam K, Sobin L, Parkin DM, et al., editors (2013). International classification of diseases for oncology (ICD-O). 3rd ed. 1st revision. Geneva: World Health Organization.
382. Fritz D, van de Beek D, Brouwer MC (2016). Clinical features, treatment and outcome in neurosarcooidosis: systematic review and meta-analysis. *BMC Neurol*. 16(1):220. PMID:27848819
383. Fuchs U, Kivelä T, Tarkkanen A (1991). Cytoskeleton in normal and reactive human retinal pigment epithelial cells. *Invest Ophthalmol Vis Sci*. 32(13):3178–86. PMID:1748549
384. Fukuda R, Tanabe T, Sawamura H, Kawata M, Tsuji H, Kaburaki T (2011). Case of metastatic pulmonary carcinoma in optic disc diagnosed from results of biopsy performed during vitrectomy surgery. *Graefes Arch Clin Exp Ophthalmol*. 249(12):1883–7. PMID:21845391
385. Fung AT, Pellegrini M, Shields CL (2014). Congenital hypertrophy of the retinal pigment epithelium: enhanced-depth imaging optical coherence tomography in 18 cases. *Ophthalmology*. 121(1):251–6. PMID:24126031
386. Gahankari MD, Jehangir R, Bhatti SS (1992). Melanocytoma of the optic disc. *J Postgrad Med*. 38(3):135–6. PMID:1303415
387. Galinos SO, Smith TR, Brockhurst RJ (1979). Angioma-like lesion in hemoglobin sickle cell disease. *Ann Ophthalmol*. 11(10):1549–52. PMID:555848
388. Gallagher RP, Elwood JM, Rootman J, Spinelli JJ, Hill GB, Threlfall WJ, et al. (1985). Risk factors for ocular melanoma: Western Canada Melanoma Study. *J Natl Cancer Inst*. 74(4):775–8. PMID:3857374
389. Gallego Melcón S, Sánchez de Toledo Codina J (2007). Molecular biology of rhabdomyosarcoma. *Clin Transl Oncol*. 9(7):415–9. PMID:17652054
390. Galletti JG, Guzmán M, Giordano M (2017). Mucosal immune tolerance at the ocular surface in health and disease. *Immunology*. 150(4):397–407. PMID:28108991
391. Gao Y, Moonis G, Cunnean ME, Eisenberg RL (2013). Lacrimal gland masses. *AJR Am J Roentgenol*. 201(3):W371–81. PMID:2397467
- 391A. Garrett M. Ocular metastasis from seminoma (1959). *Br J Ophthalmol*. 43:759–61. PMID:13826650
392. Gass JD (1971). Cavemous hemangioma of the retina. A neuro-oculo-cutaneous syndrome. *Am J Ophthalmol*. 71(4):799–804. PMID:5553009
393. Gass JD, Gieser RG, Wilkinson CF, Beahm DE, Pautler SE (1990). Bilateral diffuse uveal melanocytic proliferation in patients with occult carcinoma. *Arch Ophthalmol*. 108(4):527–33. PMID:2322154
394. Gass JD, Guerry RK, Jack RL, Harris G (2003). Choroidal osteoma. 1978. *Retina*. 23(Suppl):428–35. PMID:15035392
395. Gayre GS, Proia AD, Dutton JJ (2002). Epibulbar osseous choristoma: case report and review of the literature. *Ophthalmic Surg Lasers*. 33(5):410–5. PMID:12358295
396. Geneva II, Eagle RC, Barker-Gifford A, Stefanyshyn M, Weisenthal R (2013). Squamous metaplasia of the conjunctiva: a previously unrecognized adverse effect of risedronate sodium. *JAMA Ophthalmol*. 131(2):249–51. PMID:23411897
397. George RS, Lewis DR, Archibald CM, Heathcote G (2018). Bilateral HPV positive squamous cell carcinoma in situ of conjunctiva. *Ophthalmic Plast Reconstr Surg*. 34(1):e1–2. PMID:28622197
398. Gerner N, Nørregaard JC, Jensen OM, Prause JU (1996). Conjunctival naevi in Denmark 1960–1980. A 21-year follow-up study. *Acta Ophthalmol Scand*. 74(4):334–7. PMID:8883545
399. Gezzin G, Dogrusöz M, van Essen TH, Kroes WGM, Luyten GPM, van der Velden PA, et al. (2017). Genetic evolution of uveal melanoma guides the development of an inflammatory microenvironment. *Cancer Immunol Immunother*. 66(7):903–12. PMID:28391358
400. Ghosh K, Mitra S, Hiwase D (2000). Choroidal infiltrates simulating fundal changes of acute leukemia during hematological recovery following high-dose chemotherapy in acute myelomonocytic leukemia in remission. *Am J Hematol*. 63(1):42–5. PMID:10602168
401. Giacomini JA, Karp CL (2003). Current treatment options for conjunctival and corneal intraepithelial neoplasia. *Ocul Surf*. 1(2):66–72. PMID:17075634
402. Gichuhi S, Irlam JJ (2013). Interventions for squamous cell carcinoma of the conjunctiva in HIV-infected individuals. *Cochrane Database Syst Rev*. 2:CD005643. PMID:23450564
403. Gichuhi S, Ohnuma S, Sagoo MS, Butler MJ (2014). Pathophysiology of ocular surface squamous neoplasia. *Exp Eye Res*. 129:170–82. PMID:25447808
404. Gichuhi S, Sagoo MS, Weiss HA, Butler MJ (2013). Epidemiology of ocular surface

- squamous neoplasia in Africa. *Trop Med Int Health*. 18(12):1424–43. PMID:24237784
405. Ginderdeuren RV, Missotten GS, van den Oord J (2013). Choroidal paraganglioma with metastases to the fellow eye. *Case Rep Ophthalmol*. 4(1):17–22. PMID:23525329
406. Godfrey KJ, Kinori M, Lin JH, Snyder VS, Granet DB, Heichel CW, et al. (2016). Large benign de novo conjunctival hemangioma in an 11-year-old boy: case report and literature review. *J AAPOS*. 20(5):462–4. PMID:27647119
407. Gogos K, Tyradellis C, Spaulding AG, Kraniias G (2004). Iris cyst simulating melanoma. *J AAPOS*. 8(5):502–3. PMID:15492747
408. Goldberg RA, Rootman J, Cline RA (1990). Tumors metastatic to the orbit: a changing picture. *Surv Ophthalmol*. 35(1):1–24. PMID:2204127
409. Goldberg RE, Pheasant TR, Shields JA (1979). Cavernous hemangioma of the retina. A four-generation pedigree with neurocutaneous manifestations and an example of bilateral retinal involvement. *Arch Ophthalmol*. 97(12):2321–4. PMID:229814
410. Goldenberg-Cohen N, Cohen Y, Rosenbaum E, Herscovici Z, Chowers I, Weinberger D, et al. (2005). T1799A BRAF mutations in conjunctival melanocytic lesions. *Invest Ophthalmol Vis Sci*. 46(9):3027–30. PMID:16123397
411. Gonçalves AC, de Lima PP, Monteiro ML (2016). Epithelial-myoepithelial carcinoma of the lacrimal gland 14 years after en bloc resection of a pleomorphic lacrimal gland adenoma. *Ophthalm Plast Reconstr Surg*. 32(2):e42–4. PMID:25025382
412. Gonder JR, Ezell PC, Shields JA, Augsburger JJ (1982). Ocular melanocytosis. A study to determine the prevalence rate of ocular melanocytosis. *Ophthalmology*. 89(8):950–2. PMID:7133640
413. Gorham JP, Szalai E, Wells JR, Grossniklaus HE (2017). Retinoinvasive uveal melanoma: report of 2 cases and review of the literature. *Occul Oncol Pathol*. 3(4):292–5. PMID:29344483
414. Goto H, Takahira M, Azumi A (2015). Diagnostic criteria for IgG4-related ophthalmic disease. *Jpn J Ophthalmol*. 59(1):1–7. PMID:25392273
415. Gottlieb F, Fammartino JJ, Stratford TP, Brockhurst RJ (1984). Retinal angiomatous mass. A complication of retinal detachment surgery. *Retina*. 4(3):152–7. PMID:6494632
416. Gravanis MB (1989). Allograft heart accelerated atherosclerosis: evidence for cell-mediated immunity in pathogenesis. *Mod Pathol*. 2(5):495–505. PMID:2813347
417. Green WR, Iliff WJ, Trotter RR (1974). Malignant teratoid medulloepithelioma of the optic nerve. *Arch Ophthalmol*. 91(6):451–4. PMID:4827430
418. Greene DP, Shield DR, Shields CL, Shields JA, Servat JJ, Lin CJ, et al. (2014). Cutaneous melanoma metastatic to the orbit: review of 15 cases. *Ophthalmic Plast Reconstr Surg*. 30(3):233–7. PMID:24811686
420. Greenstein MB, Myers CE, Meuer SM, Klein BE, Cotch MF, Wong TY, et al. (2011). Prevalence and characteristics of choroidal nevi: the multi-ethnic study of atherosclerosis. *Ophthalmology*. 118(12):2468–73. PMID:21820181
421. Griewank KG, Murali R, Schilling B, Scholz S, Sucker A, Song M, et al. (2013). TERT promoter mutations in ocular melanoma distinguish between conjunctival and uveal tumours. *Br J Cancer*. 109(2):497–501. PMID:23799844
422. Griewank KG, Westekemper H, Murali R, Mach M, Schilling B, Wiesner T, et al. (2013). Conjunctival melanomas harbor BRAF and NRAS mutations and copy number changes similar to cutaneous and mucosal melanomas. *Clin Cancer Res*. 19(12):3143–52. PMID:23633454
423. Grimm SA, Pulido JS, Jahnke K, Schiff D, Hall AJ, Shenkier TN, et al. (2007). Primary intraocular lymphoma: an International Primary Central Nervous System Lymphoma Collaborative Group report. *Ann Oncol*. 18(11):1851–5. PMID:17804469
424. Grob SR, Jakobiec FA, Rashid A, MacIntosh P, Kelly H, Fay A (2016). Pediatric optic nerve meningioma: diagnostic and therapeutic challenges. *Ophthalm Plast Reconstr Surg*. 32(6):e160–4. PMID:25585303
425. Grob SR, Jakobiec FA, Stagner AM, Colby KA (2015). Diffuse epibulbar complex lacrimo-cartilaginous choristoma: diagnostic clues and management. *Cornea*. 34(10):1321–3. PMID:26147834
426. Grossniklaus HE (2013). Progression of ocular melanoma metastasis to the liver: the 2012 Zimmerman Lecture. *JAMA Ophthalmol*. 131(4):462–9. PMID:23392528
427. Grossniklaus HE, Albert DM, Green WR, Conway BP, Hovland KR (1997). Clear cell differentiation in choroidal melanoma. COMS report no. 8. *Arch Ophthalmol*. 115(7):894–8. PMID:9230830
428. Grossniklaus HE, Green WR, Luckenbach M, Chan CC (1987). Conjunctival lesions in adults. A clinical and histopathologic review. *Cornea*. 6(2):78–116. PMID:3301209
429. Grossniklaus HE, Martin DF, Avery R, Shields JA, Shields CL, Kuo IC, et al. (1998). Uveal lymphoid infiltration. Report of four cases and clinicopathologic review. *Ophthalmology*. 105(7):1265–73. PMID:9663232
430. Grossniklaus HE, Martin DF, Solomon AR (1990). Invasive conjunctival tumor with keratoacanthoma features. *Am J Ophthalmol*. 109(6):736–8. PMID:2346208
431. Grossniklaus HE, Wojno TH, Wilson MW, Someren AO (1997). Myoepithelioma of the lacrimal gland. *Arch Ophthalmol*. 115(12):1588–90. PMID:9400797
432. Grossniklaus HE, Zhang Q, You S, McCarthy C, Heegaard S, Coupland SE (2016). Metastatic ocular melanoma to the liver exhibits infiltrative and nodular growth patterns. *Hum Pathol*. 57:165–75. PMID:27476775
433. Grossniklaus HE, Zimmerman LE, Kachmer ML (1990). Pleomorphic adenocarcinoma of the ciliary body. Immunohistochemical and electron microscopic features. *Ophthalmology*. 97(6):763–8. PMID:2197590
434. Grulich AE, van Leeuwen MT, Falster MO, Vajdic CM (2007). Incidence of cancers in people with HIV/AIDS compared with immunosuppressed transplant recipients: a meta-analysis. *Lancet*. 370(9581):59–67. PMID:17617273
435. Guerriero S, Sborgia A, Giacipoli G, Fiore MG, Ross R, Piscitelli D (2011). A rare case of primitive epithelioid leiomyosarcoma of the conjunctiva. *Orbit*. 30(3):169–71. PMID:21574810
436. Guijarro-Oria FJ, Mencia-Gutiérrez E, Gutiérrez-Díaz E, López-Tizón E (2013). Orbital giant conjunctival epithelial primary cyst. *Arch Soc Esp Oftalmol*. 88(4):157–9. PMID:23597646
437. Gulati R, Alkhatib Y, Donthireddy V, Feliella MM, Menon MP, Inamdar KV (2015). Isolated ocular manifestation of relapsed chronic myelogenous leukemia presenting as myeloid blast crisis in a patient on imatinib therapy: a case report and review of the literature. *Case Rep Pathol*. 2015:380451. PMID:26819793
438. Gündüz K, Eagle RC Jr, Shields CL, Shields JA, Augsburger JJ (1999). Invasive giant cell astrocytoma of the retina in a patient with tuberous sclerosis. *Ophthalmology*. 106(3):639–42. PMID:10080228
439. Gündüz K, Shields CL, Shields JA, Mercado G, Eagle RC Jr (1998). Intraocular neoplastic cyst from mucoepidermoid carcinoma of the conjunctiva. *Arch Ophthalmol*. 116(11):1521–3. PMID:9823358
440. Gündüz K, Shields JA, Shields CL, Eagle RC Jr, Diniz W, Mercado G, et al. (1999). Transscleral choroidal biopsy in the diagnosis of choroidal lymphoma. *Surv Ophthalmol*. 43(6):551–5. PMID:10416797
441. Guo P, Yan F, Tian C, Zhao P, Wang Z, Xian J (2014). Imaging and histopathological findings of lacrimal sac lymphoma. *Chin Med J (Engl)*. 127(1):120–4. PMID:24384436
442. Gupta MP, Lane AM, DeAngelis MM, Mayne K, Crabtree M, Gragoudas ES, et al. (2015). Clinical characteristics of uveal melanoma in patients with germline BAP1 mutations. *JAMA Ophthalmol*. 133(8):881–7. PMID:25974357
443. Gupta N, Kaur J, Rajwanshi A, Nijhawan R, Srinivasan R, Dey P, et al. (2012). Spectrum of orbital and ocular adnexal lesions: an analysis of 389 cases diagnosed by fine needle aspiration cytology. *Diagn Cytopathol*. 40(7):582–5. PMID:21309008
444. Gupta R, Singh S, Hedau S, Nigam S, Das BC, Singh I, et al. (2007). Spindle cell carcinoma of head and neck: an immunohistochemical and molecular approach to its pathogenesis. *J Clin Pathol*. 60(5):472–5. PMID:16731596
445. Gupta S, Gupta S, Urs AB, Singh K (2017). Leukoplakia of buccal mucosa with transformation into spindle cell carcinoma: a rare case report. *J Oral Maxillofac Pathol*. 21(1):119–23. PMID:28479698
446. Gutmann DH, Donahoe J, Brown T, James CD, Perry A (2000). Loss of neurofibromatosis 1 (NF1) gene expression in NF1-associated pilocytic astrocytomas. *Neuropathol Appl Neurobiol*. 26(4):361–7. PMID:10931370
447. Guyer DR, Schachat AP, Vitale S, Markowitz JA, Braine H, Burke PJ, et al. (1989). Leukemic retinopathy. Relationship between fundus lesions and hematologic parameters at diagnosis. *Ophthalmology*. 96(6):860–4. PMID:2740081
448. Hadden PW, Damato BE, McKay IC (2003). Bilateral uveal melanoma: a series of four cases. *Eye (Lond)*. 17(5):613–6. PMID:12855969
449. Haisley-Royster CA, Allingham RR, Klintworth GK, Prose NS (2001). Hereditary benign intraepithelial dyskeratosis: report of two cases with prominent oral lesions. *J Am Acad Dermatol*. 45(4):634–6. PMID:11568764
450. Hale PN, Allen RA, Straatsma BR (1965). Benign melanomas (nevi) of the choroid and ciliary body. *Arch Ophthalmol*. 74(4):532–8. PMID:5838370
451. Hamam R, Bhat P, Foster CS (2009). Conjunctival/corneal intraepithelial neoplasia. *Int Ophthalmol Clin*. 49(1):63–70. PMID:19125065
452. Hanafi H, Verdijk RM, Paridaens D (2016). Malignant pleural mesothelioma with lacrimal gland metastasis. *Acta Ophthalmol*. 94(8):836–8. PMID:27422678
453. Handorf CR, Kulkarni A, Grenet JP, Weiss LM, Rogers WM, Kim OS, et al. (2013). A multicenter study directly comparing the diagnostic accuracy of gene expression profiling and immunohistochemistry for primary site identification in metastatic tumors. *Am J Surg Pathol*. 37(7):1067–75. PMID:23648464
454. Harbour JW, Brantley MA Jr, Hollingsworth H, Gordon M (2004). Association between posterior uveal melanoma and iris freckles, iris naevi, and choroidal naevi. *Br J Ophthalmol*. 88(1):36–8. PMID:14693769
455. Harbour JW, Onken MD, Roberson ED, Duan S, Cao L, Worley LA, et al. (2010). Frequent mutation of BAP1 in metastasizing uveal melanomas. *Science*. 330(6009):1410–3. PMID:21051595
456. Harbour JW, Roberson ED, Anbunathan H, Onken MD, Worley LA, Bowcock AM (2013). Recurrent mutations at codon 625 of the splicing factor SF3B1 in uveal melanoma. *Nat Genet*. 45(2):133–5. PMID:23313955
457. Harold Lee HB, Garrity JA, Cameron JD, Strianese D, Bonavolontà G, Patrinely JR (2008). Primary optic nerve sheath meningioma in children. *Surv Ophthalmol*. 53(6):543–58. PMID:19026318
458. Harooni H, Schoenfield LR, Singh AD (2011). Current appraisal of conjunctival melanocytic tumors: classification and treatment. *Future Oncol*. 7(3):435–46. PMID:21417906
459. Harris DC, Clark CV, Bartholomew RS (1989). Carcinoid tumour in the lacrimal gland. *Doc Ophthalmol*. 73(1):43–51. PMID:2630240
460. Harris JL, Gumucio CC, Ohanian MB (1968). Adenocarcinoma of the ciliary epithelium. *Arch Ophthalmol*. 80(2):217–9. PMID:5661889
461. Harvey P, Lee JA, Talbot JF, Goepel JR (1994). Isolated xanthogranuloma of the limbus in an adult. *Br J Ophthalmol*. 78(8):657–9. PMID:7918298
462. Hasche H, Eck M, Lieb W (2003). Immunohistochemical demonstration of human herpes virus 8 in conjunctival Kaposi's sarcoma. *Ophthalmology*. 100(2):142–4. [German] PMID:12589459
463. Hashemi H, Mohebbi M, Mehravaran S, Mazloumi M, Jahanbani-Ardakani H, Abtahi SH (2017). Hyperimmunoglobulin E syndrome: genetics, immunopathogenesis, clinical findings, and treatment modalities. *J Res Med Sci*. 22:53. PMID:28567072
464. Hashimoto K, Sasajima Y, Ando M, Yonemori K, Hirakawa A, Furuta K, et al. (2012). Immunohistochemical profile for unknown primary adenocarcinoma. *PLoS One*. 7(1):e31181. PMID:22299055
465. Hau SC, Papastefanou V, Shah S, Sagoo MS, Restori M, Cohen V (2015). Evaluation of iris and iridociliary body lesions with anterior segment optical coherence tomography versus ultrasound B-scan. *Br J Ophthalmol*. 99(1):81–6. PMID:25091953
466. Hayward DM, Yoo D, Lee JM, Wild E, Prabhu VC (2014). Myoepithelioma of the orbital apex and middle cranial fossa: case report and review of the literature. *Neuroophthalmology*. 38(1):14–20. PMID:27928268
467. Heathcote JG (2012). Transitional neoplasms of the naso-lacrimal system: a review of the histopathology and histogenesis. *Saudi J Ophthalmol*. 26(2):125–31. PMID:23960982
468. Heathcote JG, Schoales BA, Willis NR (1991). Incontinentia pigmenti (Bloch-Sulzberger syndrome): a case report and review of the ocular pathological features. *Can J Ophthalmol*. 26(4):229–37. PMID:1889027
469. Heddi A, Faure-Vigny H, Wallace DC, Stepien G (1996). Coordinate expression of nuclear and mitochondrial genes involved in energy production in carcinoma and oncocyoma. *Biochim Biophys Acta*. 1316(3):203–9. PMID:8781539
470. Salomão D, Tóth J, Kennedy S (2015). Eyelid pathology. In: Heegaard S, Grossniklaus H, editors. *Eye pathology: an illustrated guide*. Berlin: Springer-Verlag; pp. 443–546.
472. Heegaard S, Larsen JN, Flidelius HC, Prause JU (2001). Neoplasia versus hyperplasia of the retinal pigment epithelium. A comparison of two cases. *Acta Ophthalmol Scand*. 79(6):626–33. PMID:11782230
473. Heindl LM, Jünemann AG, Kruse FE, Holbach LM (2010). Tumors of the lacrimal drainage system. *Orbit*. 29(5):298–306. PMID:20958177
474. Heindl LM, Naumann GO, Kruse FE,

- Holbach LM (2008). Aggressive metastasizing adenocarcinoma of the retinal pigment epithelium with trisomy 21. *Br J Ophthalmol*. 92(3):389–91. PMID:18303161
475. Hellquist H, Skalova A, Azadeh B (2016). Salivary gland hybrid tumour revisited: could they represent high-grade transformation in a low-grade neoplasm? *Virchows Arch*. 469(6):643–50. PMID:27605055
- 475A. Henriquez F, Janssen C, Kemp EG, Roberts F (2007). The T1799A BRAF mutation is present in iris melanoma. *Invest Ophthalmol Vis Sci*. 48(11):4897–900. PMID:17962436
476. Hendrix MJ, Seftor EA, Seftor RE, Kirschmann DA, Gardner LM, Boldt HC, et al. (1998). Regulation of uveal melanoma interconverted phenotype by hepatocyte growth factor/scatter factor (HGF/SF). *Am J Pathol*. 152(4):855–63. PMID:9546344
477. Hennessy MP, Collins F, Coroneo MT (1993). The distinction between multiple retinal pigment epithelial hamartoma (MRPEH) in familial adenomatous polyposis (FAP) and congenital hypertrophy of the retinal pigment epithelium (CHRPE). *Aust N Z J Ophthalmol*. 21(4):275–6. PMID:8148147
478. Hered RW, Hiles DA (1987). Epibulbar osseous choristoma and ectopic lacrimal gland underlying a dermolipoma. *J Pediatr Ophthalmol Strabismus*. 24(5):255–8. PMID:3681614
479. Héritier S, Hélias-Rodzewicz Z, Chakraborty R, Sengal AG, Bellanné-Chantelot C, Thomas C, et al. (2017). New somatic BRAF splicing mutation in Langerhans cell histiocytosis. *Mol Cancer*. 16(1):115. PMID:28679432
480. Herschorn BJ, Jakobiec FA, Hornblass A, Iwamoto T, Harrison WG (1983). Mucoepidermoid carcinoma of the palpebral mucocutaneous junction. A clinical, light microscopic and electron microscopic study of an unusual tubular variant. *Ophthalmology*. 90(12):1437–46. PMID:6677843
481. Herwig MC, Fassunke J, Merklebach-Bruse S, Holz FG, Fischer HP, Loeffler KU (2012). Reactive lymphoid hyperplasia of the ocular surface: clinicopathologic features and search for infectious agents. *Acta Ophthalmol*. 90(4):e331–2. PMID:22067517
482. Herwig MC, Fischer HP, Holz FG, Loeffler KU (2010). Conjunctival myxoma: two cases. Histopathological examination and clinical course. *Ophthalmology*. 107(9):843–7. [German] PMID:20376460
483. Herwig MC, Wells JR, Grossniklaus HE (2012). Conjunctival stromal tumor: report of 4 cases. *Ophthalmology*. 119(4):682–7. PMID:22200094
484. Hine JE, Kingham JD (1979). Myelogenous leukemia and bilateral exudative retinal detachment. *Ann Ophthalmol*. 11(12):1867–72. PMID:299244
485. Ho CY, Mosier S, Safneck J, Salomao DR, Miller NR, Eberhart CG, et al. (2015). Genetic profiling by single-nucleotide polymorphism-based array analysis defines three distinct subtypes of orbital meningioma. *Brain Pathol*. 25(2):193–201. PMID:24773246
486. Hodgson N, Whipple K, Lin JH, Brumund KT, Kikkawa DO, Korn BS (2013). Bilateral squamous cell carcinoma of the lacrimal sac. *Ophthalm Plast Reconstr Surg*. 29(6):e149–51. PMID:24217491
487. Hoepner J, Yanoff M (1972). Ocular anomalies in trisomy 13-15: an analysis of 13 eyes with two new findings. *Am J Ophthalmol*. 74(4):729–37. PMID:4627577
488. Holz FG, Boehmer HV, Mechttersheimer G, Ott G, Völcker HE (1999). Uveal non-Hodgkin's lymphoma with epibulbar extension simulating choroidal effusion syndrome. *Retina*. 19(4):343–6. PMID:10458303
489. Honavar SG, Manjandavida FP (2015). Tumors of the ocular surface: a review. *Indian J Ophthalmol*. 63(3):187–203. PMID:25971163
490. Honavar SG, Shields CL, Maus M, Shields JA, Demirci H, Eagle RC Jr (2001). Primary intraepithelial sebaceous gland carcinoma of the palpebral conjunctiva. *Arch Ophthalmol*. 119(5):764–7. PMID:11346408
491. Hoover DL, Smith LE, Turner SJ, Gelber RD, Sallan SE (1988). Ophthalmic evaluation of survivors of acute lymphoblastic leukemia. *Ophthalmology*. 95(2):151–5. PMID:3173990
492. Hornblass A, Jakobiec FA, Bosniak S, Flanagan J (1980). The diagnosis and management of epithelial tumors of the lacrimal sac. *Ophthalmology*. 87(6):476–90. PMID:7413136
493. Horvath A, Bertherat J, Groussin L, Guillaud-Bataille M, Tsang K, Cazabat L, et al. (2010). Mutations and polymorphisms in the gene encoding regulatory subunit type 1-alpha of protein kinase A (PRKAR1A): an update. *Hum Mutat*. 31(4):369–79. PMID:20358582
494. House RJ, Mashayekhi A, Shields JA, Shields CL (2016). Total regression of acquired retinal astrocytoma using photodynamic therapy. *Retin Cases Brief Rep*. 10(1):41–3. PMID:26164044
495. Hsieh CY, Liao YP, Wu CC, Yuan SP, Ho JH, Roan R, et al. (2016). Nasal dissemination of a single-clone IgH-rearranged conjunctival MALT lymphoma through the nasolacrimal duct: a case report. *Oncol Lett*. 12(2):1007–10. PMID:27446385
496. Hu DN, McCormick SA, Yu GP (2008). Latitude and uveal melanoma. *Ophthalmology*. 115(4):757–9. PMID:18387420
497. Hu DN, Yu G, McCormick SA, Finger PT (2008). Population-based incidence of conjunctival melanoma in various races and ethnic groups and comparison with other melanomas. *Am J Ophthalmol*. 145(3):418–23. PMID:18191091
498. Hu DN, Yu GP, McCormick SA, Schneider S, Finger PT (2005). Population-based incidence of uveal melanoma in various races and ethnic groups. *Am J Ophthalmol*. 140(4):612–7. PMID:16226513
499. Hubbard KB, Hepler JR (2006). Cell signalling diversity of the Gqalpha family of heterotrimeric G proteins. *Cell Signal*. 18(2):135–50. PMID:16182515
500. Hudson LE, Mendoza PR, Yan J, Grossniklaus HE (2017). Reactive retinal astrocytic tumor (focal nodular gliosis): a case report. *Ocul Oncol Pathol*. 3(1):1–7. PMID:28275595
501. Hufnagel TJ, Sears ML, Shapiro M, Kim JH (1988). Ciliary body neurilemma recurring after 15 years. *Graefes Arch Clin Exp Ophthalmol*. 226(5):443–6. PMID:3192095
502. IARC Working Group on the Evaluation of Carcinogenic Risks to Humans (2007). Human papillomaviruses. *IARC Monogr Eval Carcinog Risks Hum*. 90:1–636. PMID:18354839
503. Huson S, Jones D, Beck L (1987). Ophthalmic manifestations of neurofibromatosis. *Br J Ophthalmol*. 71(3):235–8. PMID:3103673
504. Hussain RM, Matthews JL, Dubovy SR, Thompson JM, Wang G (2014). UV-independent p53 mutations in sebaceous carcinoma of the eyelid. *Ophthalm Plast Reconstr Surg*. 30(5):392–5. PMID:24777261
505. Inayama Y, Hanashi M, Yazawa T, Mitsui H, Kimura A, Ito D (2005). Massive gliosis of the retina: report of a case investigated by immunohistochemistry and clonality assays. *Hum Pathol*. 36(6):702–5. PMID:16021579
506. Inoue R, Saishin Y, Shima C, Yoshikawa H, Ohguro N, Tano Y (2009). A case of iris melanocytoma transformed to malignant melanoma. *Jpn J Ophthalmol*. 53(3):271–3. PMID:19484449
507. AJCC Ophthalmic Oncology Task Force (2015). International validation of the American Joint Committee on Cancer's 7th edition classification of uveal melanoma. *JAMA Ophthalmol*. 133(4):376–83. PMID:25555246
508. Iordanous Y, Belrose JC, Cadieux DC, Chakraborti S, Farmer JP, Allen LH (2015). p63 positive mucoepidermoid tumor of the lacrimal sac with associated papilloma. *Orbit*. 34(4):220–2. PMID:26121166
509. Isaacs TW, Vermeulen TL, Spagnolo D, Amanuel B (2015). Choroidal involvement in Rosai-Dorfman syndrome may be depicted and followed using enhanced depth imaging optical coherence tomography (EDI-OCT). *Graefes Arch Clin Exp Ophthalmol*. 253(10):1821–2. PMID:25825230
510. Isaacson PG, Du MQ (2004). MALT lymphoma: from morphology to molecules. *Nat Rev Cancer*. 4(8):644–53. PMID:15286744
511. Ishida M, Iwai M, Yoshida K, Kagotani A, Kohzaki H, Arikata M, et al. (2013). Primary ductal adenocarcinoma of the lacrimal sac: the first reported case. *Int J Clin Exp Pathol*. 6(9):1929–34. PMID:24040460
512. Ishijima K, Kase S, Noda M, Ishida S (2011). Intraocular neovascularization associated with choroidal ganglioglioma in neurofibromatosis type 1. *Eur J Ophthalmol*. 21(6):837–40. PMID:21574161
513. Islam S, Thomas A, Eisenberg RL, Hoffman GR (2012). Surgical management of transitional cell carcinoma of the lacrimal sac: is it time for a new treatment algorithm? *J Plast Reconstr Aesthet Surg*. 65(2):e33–6. PMID:21986110
514. Ait-Khaled N, Pearce N, Anderson HR, Ellwood P, Montefort S, Shah J, et al. (2009). Global map of the prevalence of symptoms of rhinoconjunctivitis in children: the International Study of Asthma and Allergies in Childhood (ISAAC) Phase Three. *Allergy*. 64(1):123–48. PMID:19132975
515. Iwamoto T, Jakobiec FA, Darrell RW (1981). Fibrous histiocytoma of the corneal limbus: the ultrastructure of a distinctive inclusion. *Ophthalmology*. 88(12):1260–8. PMID:6275324
516. Jabs DA, Hirst LW, Green WR, Tutschka PJ, Santos GW, Beschoner WE (1983). The eye in bone marrow transplantation. II. Histopathology. *Arch Ophthalmol*. 101(4):585–90. PMID:6340649
517. Jacobs M, Benger R (1989). Metastatic breast carcinoma of the orbit. *Aust N Z J Ophthalmol*. 17(4):357–61. PMID:2560382
518. Jacoby LB, MacCollin M, Louis DN, Mohney T, Rubio MP, Pulaski K, et al. (1994). Exon scanning for mutation of the NF2 gene in schwannomas. *Hum Mol Genet*. 3(3):413–9. PMID:8012353
519. Jaffe MS, Shields JA, Canny CL, Eagle RC Jr, Fry RL (1977). Retinoblastoma simulating Coats' disease: a clinicopathologic report. *Ann Ophthalmol*. 9(7):863–8. PMID:900721
520. Jahnke K, Korfel A, Komm J, Bechrakis NE, Stein H, Thiel E, et al. (2006). Intraocular lymphoma 2000-2005: results of a retrospective multicenter trial. *Graefes Arch Clin Exp Ophthalmol*. 244(6):663–9. PMID:16228920
521. Jain D, Ebrahimi KB, Miller NR, Eberhart CG (2010). Intraorbital meningiomas: a pathologic review using current World Health Organization criteria. *Arch Pathol Lab Med*. 134(5):766–70. PMID:20441509
522. Jakobiec FA (2016). Conjunctival primary acquired melanosis: is it time for a new terminology? *Am J Ophthalmol*. 162:3–19.e1. PMID:26556007
523. Jakobiec FA, Bhat P, Colby KA (2010). Immunohistochemical studies of conjunctival nevi and melanomas. *Arch Ophthalmol*. 128(2):174–83. PMID:20142539
524. Jakobiec FA, Brodie SE, Haik B, Iwamoto T (1983). Giant cell astrocytoma of the retina: a tumor of possible Mueller cell origin. *Ophthalmology*. 90(12):1565–76. PMID:6677857
525. Jakobiec FA, Colby K, Bajart AM, Sengas SJ, Moulin A (2009). Immunohistochemical studies of atypical conjunctival melanocytic nevi. *Arch Ophthalmol*. 127(8):970–80. PMID:19667333
526. Jakobiec FA, Folberg R, Iwamoto T (1985). Clinicopathologic characteristics of premalignant and malignant melanocytic lesions of the conjunctiva. *Ophthalmology*. 96(2):147–85. PMID:2649838
527. Jakobiec FA, Font RL, Tso MO, Zimmerman LE (1977). Mesectodermal leucoma of the ciliary body: a tumor of presumed neural crest origin. *Cancer*. 39(5):2102–10. PMID:870167
528. Jakobiec FA, Kool M, Stagner AM, Pflaum SM, Eagle RC, Proia AD, et al. (2015). Intraocular medulloepitheliomas and embryonal tumors with multilayered rosettes of the brain: comparative roles of LIN28A and C19MC. *Am J Ophthalmol*. 159(6):1065–74.e1. PMID:25748570
529. Jakobiec FA, Rai R, Yoon MK (2014). Fibrous histiocytoma of the tarsus: clinical and immunohistochemical observations with a differential diagnosis. *Cornea*. 33(5):536–8. PMID:24608257
530. Jakobiec FA, Rashid A, Lewis K (2015). Massive retinal gliosis in neurofibromatosis type 1. *JAMA Ophthalmol*. 133(1):100–2. PMID:25317586
531. Jakobiec FA, Rose MF, Trief D, Stagner AM, Kim I, Gragoudas ES (2015). Immunohistochemical investigations of adult intraocular medulloepitheliomas. *Clin Experiment Ophthalmol*. 43(4):379–85. PMID:25251824
532. Jakobiec FA, Silbert G (1981). Are most iris 'melanomas' really nevi? A clinicopathologic study of 189 lesions. *Arch Ophthalmol*. 99(12):2117–32. PMID:7305709
533. Jakobiec FA, Stacy RC, Thakker MM (2011). Blue nevus of the tarsus as the predominant component of a combined nevus of the eyelid. *Ophthalm Plast Reconstr Surg*. 27(4):e94–6. PMID:20940655
534. Jakobiec FA, Stagner AM, Eagle RC Jr, Lally SE, Krane JF (2017). Unusual pleomorphic adenoma of the lacrimal gland: immunohistochemical demonstration of PLAG1 and HMGA2 oncoproteins. *Surv Ophthalmol*. 62(2):219–26. PMID:27567603
535. Jakobiec FA, Stagner AM, Lefebvre DR (2017). Uniformly sclerotic diffuse large B-cell lymphoma of the orbit. *Ophthalm Plast Reconstr Surg*. 33(3S Suppl 1):S127–9. PMID:26561954
536. Jakobiec FA, Stagner AM, Rubin RD (2017). Lymphoepithelial carcinoma of the nasolacrimal duct: clinical, radiologic, and immunopathologic features. *Ophthalm Plast Reconstr Surg*. 33(3S Suppl 1):S18–21. PMID:25902392
537. Jakobiec FA, Stagner AM, Sutula FC, Freitag SK, Yoon MK (2016). Pigmentation of the lacrimal sac epithelium. *Ophthalm Plast Reconstr Surg*. 32(6):415–23. PMID:26348325
538. Jakobiec FA, Thanos A, Stagner AM, Grossniklaus HE, Proia AD (2016). So-called massive retinal gliosis: a critical review and reappraisal. *Surv Ophthalmol*. 61(3):339–66. PMID:26703887
539. Jakobiec FA, Trief D, Rashid A, Rose MF, Minckler D, Vanderveen D, et al. (2014). New insights into the development of infantile intraocular medulloepithelioma. *Am J Ophthalmol*. 158(6):1275–96.e1. PMID:25174896
540. Jakobiec FA, Werdich XQ, Chodosh J, Freitag SK (2014). An analysis of conjunctival and periocular venous malformations: clinicopathologic and immunohistochemical features with a comparison of racemose and

- circoid lesions. *Surv Ophthalmol.* 59(2):236–44. PMID:24355066
541. Jakobiec FA, Zimmerman LE, Spencer WH, Slakter JS, Krebs W (1987). Metastatic colloid carcinoma versus primary carcinoma of the ciliary epithelium. *Ophthalmology.* 94(11):1469–80. PMID:2825094
542. Jakobiec FA, Zuckerman BD, Berlin AJ, Odell P, MacRae DW, Tuthill RJ (1985). Unusual melanocytic nevi of the conjunctiva. *Am J Ophthalmol.* 100(1):100–13. PMID:4014368
543. Jampol LM, Goldberg MF, Busse B (1975). Peripheral retinal microaneurysms in chronic leukemia. *Am J Ophthalmol.* 80(2):242–8. PMID:1057377
544. Janakiram TN, Sagar S, Sharma SB, Subramaniam V (2016). Primary mucopidermoid carcinoma of the lacrimal sac - a case report and literature review. *Klin Onkol.* 29(4):291–4. PMID:27534787
545. Jang J, Kie JH, Lee SY, Kim SJ, Lew H, Hong SW, et al. (2001). Acinic cell carcinoma of the lacrimal gland with intracranial extension: a case report. *Ophthalm Plast Reconstr Surg.* 17(6):454–7. PMID:11766029
546. Jang JH, Chang SD, Choe MS (2009). A case of recurrent Schneiderian papilloma of the lacrimal sac invading the nasal cavity. *Korean J Ophthalmol.* 23(2):100–3. PMID:19568358
547. Jans SR, Schomerus E, Bygum A (2015). Neurofibromatosis type 1 diagnosed in a child based on multiple juvenile xanthogranulomas and juvenile myelomonocytic leukemia. *Pediatr Dermatol.* 32(1):e29–32. PMID:25516272
548. Jansen JC, Van Calster J, Pulido JS, Miles SL, Vile RG, Van Bergen T, et al. (2015). Early diagnosis and successful treatment of paraneoplastic melanocytic proliferation. *Br J Ophthalmol.* 99(7):943–8. PMID:25908835
549. Janssens K, Mertens M, Lauwers N, de Keizer RJ, Mathysen DG, De Groot V (2016). To study and determine the role of anterior segment optical coherence tomography and ultrasound biomicroscopy in corneal and conjunctival tumors. *J Ophthalmol.* 2016:1048760. PMID:28050274
550. Jastrzebski A, Brownstein S, Jordan DR, Goldberg SM (2012). Histochemical analysis and immunohistochemical profile of mucopidermoid carcinoma of the conjunctiva. *Saudi J Ophthalmol.* 26(2):205–10. PMID:23960993
551. Jastrzebski A, Brownstein S, Manusow J, Rubab S (2011). Isolated conjunctival lymphangioma. *Can J Ophthalmol.* 46(4):369–70. PMID:21816261
552. Javitt NB (1992). Polyethylene glycol 900: useful marker rather than notable exception. *Gastroenterology.* 102(6):2190–2. PMID:1587453
553. Jaworski A, Wolffsohn JS, Napper GA (2000). Detection, aetiology and management of conjunctival intraepithelial neoplasia. *Ophthalmic Physiol Opt.* 20(5):371–80. PMID:11045245
554. Jett K, Friedman JM (2010). Clinical and genetic aspects of neurofibromatosis 1. *Genet Med.* 12(1):1–11. PMID:20027112
555. Jittapironsak N, Hou P, Williams MD, Chi TL (2017). Orbital oncocytoma: evaluation with dynamic contrast-enhanced magnetic resonance imaging using a time-signal intensity curve and positive enhancement integral images. *Clin Imaging.* 42:161–4. PMID:28063355
556. Joag MG, Gupta A, Galor A, Dubovy SR, Bermudez-Magner JA, Wang J, et al. (2015). Conjunctival intraepithelial neoplasia with mucopidermoid differentiation: a case report of a subtle lesion. *Ocul Oncol Pathol.* 1(4):278–82. PMID:27171853
557. Jonas JB, You QS, Xu L, Wang YX (2008). Choroidal nevi in adult Chinese. *Ophthalmology.* 115(6):1102–1102.e1. PMID:18519073
558. Juarez CP, Tso MO (1980). An ultrastructural study of melanocytomas (magnocellular nevi) of the optic disk and uvea. *Am J Ophthalmol.* 90(1):48–62. PMID:7395958
559. Jünemann A, Holbach LM (1998). Epithelial giant inclusion cyst 50 years after enucleation without orbital implant. *Klin Monbl Augenheilkd.* 212(2):127–8. [German] PMID:9577816
560. Jung JH, Shin DH, Cho KS, Choi HY (2013). Nasolacrimal duct obstruction caused by oncocytic carcinoma. *Korean J Ophthalmol.* 27(2):126–9. PMID:23543280
561. Jung JJ, Chen MH, Rofagha S, Lee SS (2017). Graft-versus-host disease panuveitis and bilateral serous detachments: multimodal imaging analysis. *Retin Cases Brief Rep.* 11 Suppl 1:S54–61. PMID:27571426
562. Kaeser PF, Uffer S, Zografos L, Hamédani M (2006). Tumors of the caruncle: a clinicopathologic correlation. *Am J Ophthalmol.* 142(3):448–55. PMID:16935590
563. Kaikov Y (1996). Optic nerve head infiltration in acute leukemia in children: an indication for emergency optic nerve radiation therapy. *Med Pediatr Oncol.* 26(2):101–4. PMID:8531846
564. Kaiserman I, Amer R, Pe'er J (2004). Liver function tests in metastatic uveal melanoma. *Am J Ophthalmol.* 137(2):236–43. PMID:14962411
565. Kaliki S, Arepalli S, Shields CL, Klein K, Sun H, Hysen J, et al. (2013). Conjunctival papilloma: features and outcomes based on age at initial examination. *JAMA Ophthalmol.* 131(5):585–93. PMID:23538642
566. Kaliki S, Eagle RC, Grossniklaus HE, Campbell RJ, Shields CL, Shields JA (2013). Inadvertent implantation of aqueous tube shunts in glaucomatous eyes with unrecognized intraocular neoplasms: report of 5 cases. *JAMA Ophthalmol.* 131(7):925–8. PMID:23699787
567. Kaliki S, Shields CL, Eagle RC Jr, Vemuganti GK, Almeida A, Manjandavida FP, et al. (2013). Ciliary body medulloepithelioma: analysis of 41 cases. *Ophthalmology.* 120(12):2552–9. PMID:23796765
568. Kaliki S, Shields CL, Shah SU, Eagle RC Jr, Shields JA, Leahey A (2011). Postenucleation adjuvant chemotherapy with vincristine, etoposide, and carboplatin for the treatment of high-risk retinoblastoma. *Arch Ophthalmol.* 129(11):1422–7. PMID:22084213
569. Kaliki S, Shields CL, Shields JA (2015). Uveal melanoma: estimating prognosis. *Indian J Ophthalmol.* 63(2):93–102. PMID:25827538
570. Kalina PH, Bartley GB, Campbell RJ, Buettner H (1991). Isolated neurofibromas of the conjunctiva. *Am J Ophthalmol.* 111(6):694–8. PMID:2039037
571. Kalirai H, Dodson A, Faqir S, Damato BE, Coupland SE (2014). Lack of BAP1 protein expression in uveal melanoma is associated with increased metastatic risk and has utility in routine prognostic testing. *Br J Cancer.* 111(7):1373–80. PMID:25058347
572. Kamada Y, Sakata A, Nakadomari S, Takehana M (1998). Phakomatous choristoma of the eyelid: immunohistochemical observation. *Jpn J Ophthalmol.* 42(1):41–5. PMID:9507364
573. Kanavi MR, Hosseini SB, Aliakbar-Navahi R, Aghaei H (2017). Impression cytology in a series of clinically diagnosed ocular surface melanocytic lesions. *J Ophthalmic Vis Res.* 12(1):17–22. PMID:28299002
574. Kaneko A (1993). Malignant ophthalmic tumors. *Nihon Rinsho.* 51 Suppl:1013–20. [Japanese] PMID:8459526
575. Kanoff JM, Colby K, Jakobiec FA (2010). Incipient corneoscleral xanthogranuloma with S-100 positivity in a teenager. *Cornea.* 29(6):688–90. PMID:20458239
576. Kantelip B, Boccard R, Nores JM, Bacin F (1989). A case of conjunctival Spitz nevus: review of literature and comparison with cutaneous locations. *Ann Ophthalmol.* 21(5):176–9. PMID:2662866
577. Kantelip B, Nores JM, Boccard R, Souedan M, Bacin F (1988). A case of fibrous histiocytoma of the conjunctiva. *Presse Med.* 17(17):859–61. [French] PMID:2838836
578. Kapatai G, Brundler MA, Jenkinson H, Kearns P, Parulekar M, Peet AC, et al. (2013). Gene expression profiling identifies different sub-types of retinoblastoma. *Br J Cancer.* 109(2):512–25. PMID:23756868
579. Karacorlu M, Hocaoglu M, Sayman Muslubas I, Ersoz MG, Arf S (2018). Therapeutic outcomes after endoresection of complex retinal capillary hemangioblastoma. *Retina.* 38(3):569–77. PMID:28196061
580. Karcioglu Z, Mullaney PB (1997). Diagnosis and management of iris juvenile xanthogranuloma. *J Pediatr Ophthalmol Strabismus.* 34(1):44–51. PMID:9027680
581. Karesh JW, Goldman EJ, Reck K, Kelman SE, Lee EJ, Schiffer CA (1989). A prospective ophthalmic evaluation of patients with acute myeloid leukemia: correlation of ocular and hematologic findings. *J Clin Oncol.* 7(10):1528–32. PMID:2778482
582. Karim R, Ghabrial R, Lin B (2009). Transitional cell carcinoma of the nasolacrimal sac. *Clin Ophthalmol.* 3:587–91. PMID:19898663
583. Karlsson M, Boeryd B, Carstensen J, Fränlund B, Gustafsson B, Kågedal B, et al. (1996). Correlations of Ki-67 and PCNA to DNA ploidy, S-phase fraction and survival in uveal melanoma. *Eur J Cancer.* 32A(2):357–62. PMID:8664054
584. Karp CL, Moore JK, Rosa RH Jr (2001). Treatment of conjunctival and corneal intraepithelial neoplasia with topical interferon alpha-2b. *Ophthalmology.* 108(6):1093–8. PMID:11382635
585. Karp LA, Zimmerman LE, Borit A, Spencer W (1974). Primary intraorbital meningiomas. *Arch Ophthalmol.* 91(1):24–8. PMID:4202807
586. Kass LG, Hornblass A (1989). Sebaceous carcinoma of the ocular adnexa. *Surv Ophthalmol.* 33(6):477–90. PMID:2658172
587. Katayama K, Asano K, Ohkuma H, Terui K, Sasaki S, Sato T, et al. (2014). Case of pediatric optic pathway oligodendroglioma presenting widespread invasion and dissemination in the cerebrospinal fluid. *Brain Tumor Pathol.* 31(3):208–14. PMID:23996461
588. Kathil P, Milman T, Finger PT (2011). Characteristics of anterior uveal melanocytomas in 17 cases. *Ophthalmology.* 118(9):1874–80. PMID:21561663
589. Katircioglu YA, Altıparmak UE, Akmansu H, Ustün H, Zorlu F, Duman S (2003). Squamous cell carcinoma of the lacrimal sac. *Orbit.* 22(3):151–3. PMID:12868021
590. Kattah JC, Suski ET, Killen JY, Smith FP, Limaye SR (1980). Optic neuritis and systemic lymphoma. *Am J Ophthalmol.* 89(3):431–6. PMID:6966134
591. Katz SE, Rootman J, Dolman PJ, White VA, Berean KW (1996). Primary ductal adenocarcinoma of the lacrimal gland. *Ophthalmology.* 103(1):157–62. PMID:8628547
592. Kausar A, Zafar SN, Altaf S, Khan A (2015). Ophthalmic manifestations of linear nevus sebaceous/organoid nevus syndrome. *J Coll Physicians Surg Pak.* 25(3):220–2. PMID:25772967
593. Keijser S, Missotten GS, De Wolff-Rouendaal D, Verbeke SL, Van Luijk CM, Veselic-Charvat M, et al. (2007). Impression cytology of melanocytic conjunctival tumours using the Biopore membrane. *Eur J Ophthalmol.* 17(4):501–6. PMID:17671922
594. Kelishadi M, Kelishadi M, Moradi A, Javid N, Bazouri M, Tabarraei A (2015). Human adenoviruses role in ophthalmic pterygium formation. *Jundishapur J Microbiol.* 8(4):e16871. PMID:26034543
595. Kenawy N, Lake SL, Coupland SE, Damato BE (2013). Conjunctival melanoma and melanocytic intra-epithelial neoplasia. *Eye (Lond).* 27(2):142–52. PMID:23222568
596. Khafaja Y, Hassounah M, Kandil A, Kanaan I, Allam A, El Husseiny G, et al. (2003). Optic gliomas: a retrospective analysis of 50 cases. *Int J Radiat Oncol Biol Phys.* 56(3):807–12. PMID:12788189
597. Khalil MK (1983). Balloon cell malignant melanoma of the choroid: ultrastructural studies. *Br J Ophthalmol.* 67(9):579–84. PMID:6882713
598. Khan AA, Sarwar S, Sadiq MA, Ahmad I, Tariq N, Sibghat-Ul-Noor (2017). Analysis of orbital malignancies presenting in a tertiary care hospital in Pakistan. *Pak J Med Sci.* 33(1):70–4. PMID:28367175
599. Khong JJ, Hardy TG, McNab AA (2013). Prevalence of oculo-auriculo-vertebral spectrum in dermolipoma. *Ophthalmology.* 120(8):1529–32. PMID:23683920
600. Kiire CA, Dhillion B (2006). The aetiology and associations of conjunctival intraepithelial neoplasia. *Br J Ophthalmol.* 90(1):109–13. PMID:16361679
601. Kilcine C, Frieden IJ (2008). Infantile hemangiomas: how common are they? A systematic review of the medical literature. *Pediatr Dermatol.* 25(2):168–73. PMID:18429772
602. Kim HJ, McCormick SA, Neth S, Moskowitz B, Milman T (2010). Melanocytic nevi of the tarsal conjunctiva: clinicopathologic case series with review of literature. *Ophthalm Plast Reconstr Surg.* 26(6):438–42. PMID:20683369
603. Kim HJ, Shields CL, Eagle RC Jr, Shields JA (2006). Fibrous histiocytoma of the conjunctiva. *Am J Ophthalmol.* 142(6):1036–43. PMID:17157587
604. Kim IT, Lee SM (2000). Choroidal Langerhans' cell histiocytosis. *Acta Ophthalmol Scand.* 78(1):97–100. PMID:10726800
605. Kim JE, Kim BJ, Kang H (2014). A recurrent angiosarcoma isolated to the eyelid without the recurrence on the primary lesion of the forehead. *Ann Dermatol.* 26(2):231–5. PMID:24882979
606. Kim JL, Mendoza PR, Rashid A, Hayek B, Grossniklaus HE (2015). Optic nerve lymphoma: report of two cases and review of the literature. *Surv Ophthalmol.* 60(2):153–65. PMID:25595061
607. Kim MM, Dabaja BS, Medeiros J, Kim S, Allen P, Chevez-Barrios P, et al. (2016). Survival outcomes of primary intraocular lymphoma: a single-institution experience. *Am J Clin Oncol.* 39(2):109–13. PMID:24390272
608. Kim MS, Kim SA, Sa HS (2014). Old-age-onset subconjunctival juvenile xanthogranuloma without limbal involvement. *BMC Ophthalmol.* 14:24. PMID:24602225
609. Kim YD, Goldberg RA (1994). Orbital fat prolapse and dermolipoma: two distinct entities. *Korean J Ophthalmol.* 8(1):42–3. PMID:7933633
610. Kincaid MC, Green WR (1983). Ocular and orbital involvement in leukemia. *Surv Ophthalmol.* 27(4):211–32. PMID:6342189
611. Kincaid MC, Meis JM, Lee MW (1989). Adenoid cystic carcinoma of the lacrimal sac. *Ophthalmology.* 96(11):1655–8. PMID:2559385
612. Kirati H, Shields CL, Shields JA, DePotter P (1996). Metastatic tumours to the conjunctiva: report of 10 cases. *Br J Ophthalmol.* 80(1):5–8. PMID:8664233
613. Kirati H, Uzun S, Tarlan B, Ateş D, Baydar DE, Söylemezoğlu F (2015). Renal carcinoma

- tumor metastatic to the uvea, medial rectus muscle, and the contralateral lacrimal gland. *Ophthalmol Plast Reconstr Surg.* 31(4):e91–3. PMID:24777267
614. Kirkegaard MM, Coupland SE, Prause JU, Heegaard S (2015). Malignant lymphoma of the conjunctiva. *Surv Ophthalmol.* 60(5):444–58. PMID:26003619
615. Kirmani MH, Thomas EL, Rao NA, Laborde RP (1987). Intraocular reticulum cell sarcoma: diagnosis by choroidal biopsy. *Br J Ophthalmol.* 71(10):748–52. PMID:3314978
616. Kitamura Y, Akiyama T, Hirose S, Yoshida K (2012). Optic nerve sheath solitary fibrous tumor. *Acta Neurochir (Wien).* 154(4):633–5. PMID:22215145
617. Kitamura Y, Akiyama T, Sasaki H, Hayashi Y, Yoshida K (2013). Optic nerve seeding of atypical meningiomas presenting with subacute visual loss: 2 case reports with genetic characterization. *J Neurosurg.* 119(2):494–8. PMID:23432529
618. Kivelä T (2014). Incidence, prevalence and epidemiology of ocular melanoma. In: Murray TG, Boldt HC, editors. *Ocular melanoma: advances in diagnostic and therapeutic strategies.* London: Future Medicine; pp. 20–38.
619. Kivelä T, Simpson ER, Grossniklaus HE, Jager MJ, Singh AD, Caminal JM, et al. (2017). Uveal melanoma. In: Amin MB, Edge S, Greene F, Byrd DR, Brookland RK, Washington MK, et al., editors. *AJCC cancer staging manual.* 8th ed. New York: Springer; pp. 805–17.
620. Kivelä T (2009). The epidemiological challenge of the most frequent eye cancer: retinoblastoma, an issue of birth and death. *Br J Ophthalmol.* 93(9):1129–31. PMID:19704035
621. Kivelä T, Eskelin S (2006). Transformation of nevus to melanoma. *Ophthalmology.* 113(5):887–8.e1. PMID:16650691
622. Kivelä T, Kauniskangas L, Miettinen P, Tarkkanen A (1989). Glioneuroma associated with colobomatous dysplasia of the anterior uvea and retina. A case simulating medulloepithelioma. *Ophthalmology.* 96(12):1799–808. PMID:2622623
623. Kivelä T, Summanen P (1997). Retinoinvasive malignant melanoma of the uvea. *Br J Ophthalmol.* 81(8):691–7. PMID:9349160
624. Kivelä T, Tarkkanen A, Virtanen I (1989). Synaptophysin in the human retina and retinoblastoma. An immunohistochemical and western blotting study. *Invest Ophthalmol Vis Sci.* 30(2):212–9. PMID:2464554
625. Kivelä TT, Piperno-Neumann S, Desjardins L, Schmittl A, Bechrakis N, Midena E, et al. (2016). Validation of a prognostic staging for metastatic uveal melanoma: a collaborative study of the European Ophthalmic Oncology Group. *Am J Ophthalmol.* 168:217–26. PMID:27296487
626. Klein A, Barak A, Hahot-Wilner Z, Goldenberg D, Neudorfer M (2011). The appearance of congenital hypertrophy of retinal pigment epithelium by high-resolution optical coherence tomography. *Retina.* 31(8):1740–1. PMID:21817965
627. Klein KA, Lally DR, Taney LS, Laver NV, Duker JS (2015). Retinal pigment epithelial adenocarcinoma presenting as an amelanotic mass. *Ophthalmic Surg Lasers Imaging Retina.* 46(3):369–72. PMID:26180844
628. Kline LB, Garcia JH, Harsh GR 3rd (1984). Lymphomatous optic neuropathy. *Arch Ophthalmol.* 102(11):1655–7. PMID:6497749
629. Klinge TG, Hogan MJ (1975). Ocular reticulum cell sarcoma. *Am J Ophthalmol.* 79(1):39–47. PMID:1089097
630. Klufas MA, McCannell CA, McCannell TA (2016). Simultaneous retinal and choroidal metastases in lung adenocarcinoma. *JAMA Ophthalmol.* 134(5):e155368. PMID:27258608
631. Klüppel M, Müller W, Sundmacher R (1999). Lacrimal gland choristoma of the iris. *Arch Ophthalmol.* 117(1):110–1. PMID:9930171
632. Knackstedt T, Samie FH (2017). Sebaceous carcinoma: a review of the scientific literature. *Curr Treat Options Oncol.* 18(8):47. PMID:28681210
633. Knapp AN, Samara WA, Shields CL, Shields JA, Eagle RC Jr (2016). Conjunctival fibrous histiocytoma in an 8-year-old boy. *J AAPOS.* 20(4):368–70. PMID:27282913
634. Knežević M, Stojković M, Jovanović M, Stanković Z, Rašić DM (2012). A 7-year prospective study of routine histopathological evaluation of the lacrimal sac wall incisional biopsy specimens obtained during external dacryocystorhinostomy in adults and a review of the literature. *Med Oncol.* 29(1):396–400. PMID:21264538
635. Kniggevdorf VF, Neto ET, Maia EM, Grando JPS, Bardal AMC, Beato PMM, et al. (2016). Bilateral diffuse uveal melanocytic proliferation associated with renal cancer: the importance of indocyanine green angiography and early diagnosis. *Retin Cases Brief Rep.* 12(3):166–71. PMID:27861254
636. Kobrin EG, Shields CL, Danzig CJ, Ehyia H, King RA, Shields JA (2007). Intraocular lacrimal gland choristoma diagnosed by fine-needle aspiration biopsy. *Cornea.* 26(6):753–5. PMID:17529332
637. Koch KR, Ortmann M, Heindl LM (2015). Extraocular extension of a benign ciliary body nevus. *JAMA Ophthalmol.* 133(12):e153137. PMID:26659447
638. Kodjikian L, Gain P, Donat D, Gambrelli J, Rouberol F, de la Fouchardiere A, et al. (2004). Cataract formation with a primary iris stromal cyst. *J Pediatr Ophthalmol Strabismus.* 41(4):232–5. PMID:15305534
639. Kohn R, Nofsinger K, Freedman SI (1981). Rapid recurrence of papillary squamous cell carcinoma of the canalliculus. *Am J Ophthalmol.* 92(3):363–7. PMID:7294095
640. Koletsa T, Karayannopoulou G, Dereklis D, Vasileiadis I, Papadimitriou CS, Hyltioglou P (2009). Mesectodermal leiomyoma of the ciliary body: report of a case and review of the literature. *Pathol Res Pract.* 205(2):125–30. PMID:18930601
641. Konstantinidis L, Damato B (2017). Intraocular metastases—a review. *Asia Pac J Ophthalmol (Phila).* 6(2):208–14. PMID:28399345
642. Konstantinidis L, Rospond-Kubiak I, Zeolite I, Heimann H, Groenewald C, Coupland SE, et al. (2014). Management of patients with uveal metastases at the Liverpool Ocular Oncology Centre. *Br J Ophthalmol.* 98(1):92–8. PMID:24169654
643. Kontos G, Boroah S, Khan A, Fleck BW, Coupland SE (2016). The epidemiology, clinical characteristics, histopathology and management of juvenile- and adult-onset corneal scleral limbus xanthogranuloma. *Graefes Arch Clin Exp Ophthalmol.* 254(3):413–20. PMID:26794218
644. Kontos GT, Coupland SE, Quah SA (2014). A case of a limbal adult onset xanthogranuloma. *Acta Ophthalmol.* 92(8):e692–3. PMID:24930575
645. Kooi IE, Mol BM, Moll AC, van der Valk P, de Jong MC, de Graaf P, et al. (2015). Loss of photoreceptor and gain of genomic alterations in retinoblastoma reveal tumor progression. *EBioMedicine.* 2(7):660–70. PMID:26288838
646. Koopmans AE, Ober K, Dubbink HJ, Paridaens D, Naus NC, Belunek S, et al. (2014). Prevalence and implications of TERT promoter mutation in uveal and conjunctival melanoma and in benign and premalignant conjunctival melanocytic lesions. *Invest Ophthalmol Vis Sci.* 55(9):6024–30. PMID:25159205
647. Koopmans AE, Verdijk RM, Brouwer RW, van den Bosch TP, van den Berg MM, Vaarwater J, et al. (2014). Clinical significance of immunohistochemistry for detection of BAP1 mutations in uveal melanoma. *Mod Pathol.* 27(10):1321–30. PMID:24633195
648. Korshunov A, Jakobiec FA, Eberhart CG, Hovestadt V, Capper D, Jones DT, et al. (2015). Comparative integrated molecular analysis of intraocular medulloepitheliomas and central nervous system embryonal tumors with multi-layered rosettes confirms that they are distinct nosologic entities. *Neuropathology.* 35(6):538–44. PMID:26183384
649. Koturovič Z, Knežević M, Rašić DM (2017). Clinical significance of routine lacrimal sac biopsy during dacryocystorhinostomy: a comprehensive review of literature. *Bosn J Basic Med Sci.* 17(1):1–8. PMID:27754826
650. Kraemer KH, Lee MM, Scotto J (1987). Xeroderma pigmentosum. Cutaneous, ocular, and neurologic abnormalities in 830 published cases. *Arch Dermatol.* 123(2):241–50. PMID:3545087
651. Kramer GD, Arepalli S, Shields CL, Shields JA (2014). Ciliary body medulloepithelioma association with pleuropulmonary blastoma in a familial tumor predisposition syndrome. *J Pediatr Ophthalmol Strabismus.* 51 Online:e48–50. PMID:25032694
652. Kraus MD, Haley JC, Ruiz R, Essary L, Moran CA, Fletcher CD (2001). “Juvenile” xanthogranuloma: an immunophenotypic study with a reappraisal of histogenesis. *Am J Dermatopathol.* 23(2):104–11. PMID:11285404
653. Krema H, Simpson ER, Pavlin CJ, Payne D, Vasquez LM, McGowan H (2009). Management of ciliary body melanoma with iodine-125 plaque brachytherapy. *Can J Ophthalmol.* 44(4):395–400. PMID:19606159
654. Krishna M (2010). Diagnosis of metastatic neoplasms: an immunohistochemical approach. *Arch Pathol Lab Med.* 134(2):207–15. PMID:20121608
655. Krishna Y, Coupland SE (2017). Lacrimal sac tumors—a review. *Asia Pac J Ophthalmol (Phila).* 6(2):173–8. PMID:28399337
656. Krishna Y, Irion LD, Karim S, Dharmena A, McCormick A, Coupland SE (2017). Chronic lymphocytic leukaemia/small-cell lymphocytic lymphoma of the lacrimal sac: a case series. *Ocul Oncol Pathol.* 3(3):224–8. PMID:29071273
657. Krishna Y, Kalirai H, Thornton S, Damato BE, Heimann H, Coupland SE (2016). Genetic findings in treatment-naïve and proton-beam-radiated iris melanomas. *Br J Ophthalmol.* 100(7):1012–6. PMID:27098748
658. Krohn J, Fraystein T, Dahl O (2009). Topography of solitary congenital hypertrophy of the retinal pigment epithelium in the ocular fundus. *Acta Ophthalmol.* 87(8):921–2. PMID:19604161
659. Krohn J, Kjersem B (2011). Stereo fundus photography in the diagnosis of optic disc melanocytoma. *Acta Ophthalmol.* 89(6):e533–4. PMID:21106045
660. Kubota T, Moritani S (2007). High incidence of autoimmune disease in Japanese patients with ocular adnexal reactive lymphoid hyperplasia. *Am J Ophthalmol.* 144(1):148–9. PMID:17601445
661. Kubota T, Moritani S, Ichihara S (2013). Clinicopathologic and immunohistochemical features of primary ductal adenocarcinoma of lacrimal gland: five new cases and review of literature. *Graefes Arch Clin Exp Ophthalmol.* 251(8):2071–6. PMID:23613093
662. Kühle M, Holbach L, Schlötzer-Schrehardt U, Naumann GO (1994). Schwannoma of the ciliary body treated by block excision. *Br J Ophthalmol.* 78(5):397–400. PMID:8025076
663. Kujala E, Damato B, Coupland SE, Desjardins L, Bechrakis NE, Grange JD, et al. (2015). Staging of ciliary body and choroidal melanomas based on anatomic extent. *J Clin Oncol.* 31(22):2825–31. PMID:23816968
664. Kujala E, Mäkitie T, Kivelä T (2003). New long-term prognosis of patients with malignant uveal melanoma. *Invest Ophthalmol Vis Sci.* 44(11):4651–9. PMID:14578381
665. Kumar A, Kumar Dorairaj S, Prabhakaran VC, Prakash DR, Chakraborty S (2007). Identification of genes associated with tumorigenesis of melanoma cell carcinoma by microarray analysis. *Genomics.* 90(5):554–61. PMID:17889501
666. Kuo PK, Pulliafito CA, Wang KM, Li HH, Wu BF (1982). Uveal melanoma in China. *Br Ophthalmol Clin.* 22(3):57–71. PMID:7107103
667. Kupersmith MJ, Martin V, Heller G, Shal A, Mitnick HJ (2004). Idiopathic hypertrophic pachymeningitis. *Neurology.* 62(5):885–94. PMID:15007115
668. Kurisu Y, Shibayama Y, Tsuji M, Kurikawa A, Akutagawa H, Egashira Y, et al. (2015). A case of primary ductal adenocarcinoma of the lacrimal gland: histopathological and immunohistochemical study. *Pathol Res Pract.* 201(1):49–53. PMID:15807311
669. Kurli M, Finger PT (2005). Melanocytic conjunctival tumors. *Ophthalmol Clin North Am.* 18(1):15–24, vii. PMID:15763188
670. Kurli M, Finger PT, Manor T, McCannell SA, Grossniklaus HE (2005). Finding malignant change in a necrotic choroidal melanocytoma: a clinical challenge. *Br J Ophthalmol.* 89(7):820–2. PMID:15965181
671. Kurosawa A, Kurosawa H (1982). Giant bodies in choroidal neurofibromatosis. *Arch Ophthalmol.* 100(12):1939–41. PMID:6816167
672. Kusunose M, Sakino Y, Noda Y, Oda T, Kubota T (2017). A case of iris melanocytoma demonstrating diffuse melanocytic proliferation with uncontrolled intraocular pressure. *Case Rep Ophthalmol.* 8(1):190–4. PMID:28510403
673. Kwiek B, Schwartz RA (2016). Keratoacanthoma (KA): an update and review. *J Am Acad Dermatol.* 74(6):1220–33. PMID:26853179
674. Lach B, Al Shail E, Patay Z (2003). Spontaneous anaplasia in pilocytic astrocytoma of cerebellum. *Br J Neurosurg.* 17(3):254–2. PMID:14565523
675. Lahav M, Albert DM, Wyand S (1973). Clinical and histopathologic classification of retinal dysplasia. *Am J Ophthalmol.* 75(4):548–67. PMID:4696669
676. Laird PW, Grossniklaus HE, Hubbard GB (2013). Ciliary body medulloepithelioma associated with pleuropulmonary blastoma. *Br J Ophthalmol.* 97(8):1079,1086–7. PMID:23613093
677. Lake SL, Jmor F, Dopierala J, Tabor AF, Coupland SE, Damato BE (2011). Multiple ligation-dependent probe amplification of conjunctival melanoma reveals common BRAF V600E gene mutation and gene copy number changes. *Invest Ophthalmol Vis Sci.* 52(8):5598–604. PMID:21693616
678. Lally DR, Eagle RC, Wasseman SM (2013). Occult intraorbital conjunctival inclusion cyst discovered almost 70 years after strabismus surgery. *J Pediatr Ophthalmol Strabismus.* 50 Online:e15–7. PMID:23557018
679. Lambade PN, Lambade D, Saha TK, Bande CR, Ramakrishana A (2015). Malignant fibrous histiocytoma: an uncommon sarcoma with pathological fracture of mandible. *J Maxillofac Oral Surg.* 14(Suppl 1):263–7. PMID:25838711
680. Lang FF, Miller DC, Pisharody S, Kozlov M, Newcomb EW (1994). High frequency of p53 protein accumulation without p53 gene mutation in human juvenile pilocytic, low grade astro-

- anaplastic astrocytomas. *Oncogene*. 9(3):949–54. PMID:8108140
681. Lang TU, Williams JM, Laver NV (2010). Corneal myxoma. *Ophthalmic Surg Lasers Imaging*. 9:1–2. PMID:20337333
682. Larsen AC (2016). Conjunctival malignant melanoma in Denmark: epidemiology, treatment and prognosis with special emphasis on tumorigenesis and genetic profile. *Acta Ophthalmol*. 94 Thesis 1:1–27. PMID:27192168
683. Larsen AC, Dahl C, Dahmcke CM, Lade-Keller J, Siersma VD, Toft PB, et al. (2016). BRAF mutations in conjunctival melanoma: investigation of incidence, clinicopathological features, prognosis and paired premalignant lesions. *Acta Ophthalmol*. 94(5):463–70. PMID:27009410
684. Larsen AC, Dahmcke CM, Dahl C, Siersma VD, Toft PB, Coupland SE, et al. (2015). A retrospective review of conjunctival melanoma presentation, treatment, and outcome and an investigation of features associated with BRAF mutations. *JAMA Ophthalmol*. 133(11):1295–303. PMID:26425792
685. Lattier JM, Yang H, Crawford S, Grossniklaus HE (2013). Host pigment epithelium-derived factor (PEDF) prevents progression of liver metastasis in a mouse model of uveal melanoma. *Clin Exp Metastasis*. 30(8):969–76. PMID:23793989
686. Lau LL, Lung CK, Ahmad SS (2015). A benign presentation of primary ductal adenocarcinoma of lacrimal gland: a rare malignancy. *Indian J Ophthalmol*. 63(11):856–8. PMID:26669339
687. Laver NM, Hidayat AA, Croxatto JO (1999). Pleomorphic adenocarcinomas of the ciliary epithelium. Immunohistochemical and ultrastructural features of 12 cases. *Ophthalmology*. 106(1):103–10. PMID:9917789
688. Lee AG, Tang RA, Roberts D, Schiffman JS, Osborne A (2001). Primary central nervous system lymphoma involving the optic chiasm in AIDS. *J Neuroophthalmol*. 21(2):95–8. PMID:11450910
689. Lee CS, Bae JH, Jeon IH, Byeon SH, Kich HJ, Lee SC (2010). Melanocytoma of the optic disk in the Korean population. *Retina*. 30(10):1714–20. PMID:20829742
690. Lee GA, Hirst LW (1992). Incidence of ocular surface epithelial dysplasia in metropolitan Brisbane. A 10-year survey. *Arch Ophthalmol*. 110(4):525–7. PMID:1562262
691. Lee GA, Hirst LW (1995). Ocular surface squamous neoplasia. *Surv Ophthalmol*. 39(6):429–50. PMID:7660300
692. Lee HB, Pulido JS, Buettner H, Salomão D, Zent CS, Link TP (2006). Intravascular B-cell lymphoma (angiotropic lymphoma) with choroidal involvement. *Arch Ophthalmol*. 124(9):1357–9. PMID:16966639
693. Lee LC, Howes EL, Bhisitkul RB (2002). Systemic non-Hodgkin's lymphoma with optic nerve infiltration in a patient with AIDS. *Retina*. 22(1):75–9. PMID:11884882
694. Lee SW, Park SH, Kim IH, Chung H, Kim TY, Heo DS (2007). Nonsurgical treatment of an incompletely excised primary adenocarcinoma of nonpigmented ciliary epithelium. *Tumori*. 93(5):514–7. PMID:18038890
695. Lee V, Cree IA, Hungerford JL (1999). Ring melanoma—a rare cause of refractory glaucoma. *Br J Ophthalmol*. 83(2):194–8. PMID:10396198
696. Lee YJ, Oh YH (2009). Primary ductal adenocarcinoma of the lacrimal gland. *Jpn J Ophthalmol*. 53(3):268–70. PMID:19484447
697. Lehman LJ, Hohberger GG, Buettner H, Campbell RJ (1997). Necrotic melanocytoma of the choroid in a 2-year-old child. *J Pediatr Ophthalmol Strabismus*. 34(1):40–3. PMID:9027679
698. Leidenix M, Mamalis N, Goodart R, Harrie R, Kjeldsberg C (1994). Malignant transformation of a necrotic melanocytoma of the choroid in an amblyopic eye. *Ann Ophthalmol*. 26(2):42–6. PMID:8010703
699. Leonardi A, Castegnaro A, Valerio AL, Lazzarini D (2015). Epidemiology of allergic conjunctivitis: clinical appearance and treatment patterns in a population-based study. *Curr Opin Allergy Clin Immunol*. 15(5):482–8. PMID:26258920
700. Leonardi A, Pilioglu F, Castegnaro A, Lazzarini D, La Gloria Valerio A, Mattana P, et al. (2015). Allergic conjunctivitis: a cross-sectional study. *Clin Exp Allergy*. 45(6):1118–25. PMID:25809830
701. Leonardy NJ, Rupani M, Dent G, Klintworth GK (1990). Analysis of 135 autopsy eyes for ocular involvement in leukemia. *Am J Ophthalmol*. 109(4):436–44. PMID:2330946
702. Levasseur SD, Wittenberg LA, White VA (2013). Vitreoretinal lymphoma: a 20-year review of incidence, clinical and cytologic features, treatment, and outcomes. *JAMA Ophthalmol*. 131(1):50–5. PMID:23307208
703. Levi-Schaffer F, Micera A, Zamir E, Mechoulam H, Puxeddu I, Piliponsky AM, et al. (2002). Nerve growth factor and eosinophils in inflamed juvenile conjunctival nevus. *Invest Ophthalmol Vis Sci*. 43(6):1850–6. PMID:12036989
704. Lewis RA, Cohen MH, Wise GN (1975). Cavernous haemangioma of the retina and optic disc. A report of three cases and a review of the literature. *Br J Ophthalmol*. 59(8):422–34. PMID:1106760
705. Li J, Perry A, James CD, Gutmann DH (2001). Cancer-related gene expression profiles in NF1-associated piloicytic astrocytomas. *Neurology*. 56(7):885–90. PMID:11294925
706. Li W, Gragoudas ES, Egan KM (2000). Metastatic melanoma death rates by anatomic site after proton beam irradiation for uveal melanoma. *Arch Ophthalmol*. 118(8):1066–70. PMID:10922199
707. Li X, Huang Y, Bi C, Yuan J, He H, Zhang H, et al. (2017). Primary central nervous system diffuse large B-cell lymphoma shows an activated B-cell-like phenotype with co-expression of C-MYC, BCL-2, and BCL-6. *Pathol Res Pract*. 213(6):659–65. PMID:28552541
708. Lieb WE, Shields JA, Eagle RC Jr, Kwa D, Shields CL (1990). Cystic adenoma of the pigmented ciliary epithelium. Clinical, pathologic, and immunohistopathologic findings. *Ophthalmology*. 97(11):1489–93. PMID:1701528
709. Lim LL, Suhler EB, Rosenbaum JT, Wilson DJ (2005). The role of choroidal and retinal biopsies in the diagnosis and management of atypical presentations of uveitis. *Trans Am Ophthalmol Soc*. 103:84–92. PMID:17057791
710. Lin HC, Chu PH, Jung SM, Yang ML, Ma DH (2012). MUC5AC in juvenile conjunctival nevus. *Jpn J Ophthalmol*. 56(2):107–12. PMID:22139382
711. Lin TC, Lin PY, Wang LC, Chen SJ, Chang YM, Lee SM (2014). Intraocular involvement of T-cell lymphoma presenting as inflammatory glaucoma, neurotrophic keratopathy, and choroidal detachment. *J Chin Med Assoc*. 77(7):385–8. PMID:24909374
712. Lincoff NS, Chung C, Balos L, Corbo JC, Sharma A (2012). Combing the globe for terrorism. *J Neuroophthalmol*. 32(1):82–5. PMID:22330854
713. Lindegaard J, Heegaard S, Toft PB, Nysom K, Prause JU (2010). Malignant transformation of a medulloepithelioma of the optic nerve. *Orbit*. 29(3):161–4. PMID:20497085
714. Lindegaard J, Isager P, Prause JU, Heegaard S (2006). Optic nerve invasion of uveal melanoma: clinical characteristics and metastatic pattern. *Invest Ophthalmol Vis Sci*. 47(8):3268–75. PMID:16877391
715. Lindegaard J, Isager P, Prause JU, Heegaard S (2007). Optic nerve invasion of uveal melanoma. *APMIS*. 115(1):1–16. PMID:17223846
716. Listernick R, Charrow J, Greenwald M, Mets M (1994). Natural history of optic pathway tumors in children with neurofibromatosis type 1: a longitudinal study. *J Pediatr*. 125(1):63–6. PMID:8021787
717. Listernick R, Charrow J, Gutmann DH (1999). Intracranial gliomas in neurofibromatosis type 1. *Am J Med Genet*. 89(1):38–44. PMID:10469435
718. Listernick R, Darling C, Greenwald M, Strauss L, Charrow J (1995). Optic pathway tumors in children: the effect of neurofibromatosis type 1 on clinical manifestations and natural history. *J Pediatr*. 127(5):718–22. PMID:7472822
719. Listernick R, Louis DN, Packer RJ, Gutmann DH (1997). Optic pathway gliomas in children with neurofibromatosis 1: consensus statement from the NF1 Optic Pathway Glioma Task Force. *Ann Neurol*. 41(2):143–9. PMID:9029062
720. Liu L, Wu J, Geng J, Yuan Z, Huang D (2013). Geographical prevalence and risk factors for pterygium: a systematic review and meta-analysis. *BMJ Open*. 3(11):e003787. PMID:24253031
721. Liu TYA, Ediriwickrema LS, Vizcaino MA, Wenick A, Miller NR (2017). Optic nerve infiltration and vitreous seeding by a cerebral glioblastoma. *JAMA Ophthalmol*. 135(4):400–1. PMID:28208187
722. Liu Y, Su M, Yang Y, Zhao B, Qin L, Han Z (2017). Prognostic factors associated with decreased survival in patients with acinic cell carcinoma of the parotid gland. *J Oral Maxillofac Surg*. 75(2):416–22. PMID:27474461
723. Liy-Wong C, Mohammed J, Carleton A, Pope E, Parkin P, Lara-Corrales I (2017). The relationship between neurofibromatosis type 1, juvenile xanthogranuloma, and malignancy: a retrospective case-control study. *J Am Acad Dermatol*. 76(6):1084–7. PMID:28189268
724. Lloyd WC 3rd, Eagle RC Jr, Shields JA, Kwa DM, Arbizo VV (1990). Congenital hypertrophy of the retinal pigment epithelium. Electron microscopic and morphometric observations. *Ophthalmology*. 97(8):1052–60. PMID:2402417
725. Loeffler KU, Kivelä T, Borgmann H, Witschel H (1996). Malignant tumor of the retinal pigment epithelium with extraocular extension in a phthisical eye. *Graefes Arch Clin Exp Ophthalmol*. 234 Suppl 1:S70–5. PMID:8871153
726. Loeffler KU, McMenamin PG (1987). An ultrastructural study of DNA precipitation in the anterior segment of eyes with retinoblastoma. *Ophthalmology*. 94(9):1160–8. PMID:3684233
727. Lois N, Shields CL, Shields JA, Eagle RC Jr, De Potter P (1998). Cavitary melanoma of the ciliary body. A study of eight cases. *Ophthalmology*. 105(6):1091–8. PMID:9627662
728. Lois N, Shields CL, Shields JA, Mercado G (1998). Primary cysts of the iris pigment epithelium. Clinical features and natural course in 234 patients. *Ophthalmology*. 105(10):1879–85. PMID:9787358
729. Lois N, Shields CL, Shields JA, Mercado G, De Potter P (1998). Primary iris stromal cysts. A report of 17 cases. *Ophthalmology*. 105(7):1317–22. PMID:9663240
730. LoRusso FJ, Boniuk M, Font RL (2000). Melanocytoma (magnocellular nevus) of the ciliary body: report of 10 cases and review of the literature. *Ophthalmology*. 107(4):795–800. PMID:10768345
731. Loukianou E, Kisma N, Pal B (2011). Evolution of an astrocytic hamartoma of the optic nerve head in a patient with retinitis pigmentosa - photographic documentation over 2 years of follow-up. *Case Rep Ophthalmol*. 2(1):45–9. PMID:21347192
732. Low JR, Bian Ng S, Sundar G (2011). Undifferentiated carcinoma of the lacrimal sac: case report and review of literature. *Orbit*. 30(6):293–6. PMID:21957907
733. Lu WY, Goldman M, Young B, Davis DG (1993). Optic nerve ganglioglioma. Case report. *J Neurosurg*. 78(6):979–82. PMID:8487083
734. Lubahn JG, Lee RK, Karp CL (2014). Resolution of conjunctival sessile hemangioma with topical timolol. *Cornea*. 33(1):99–100. PMID:24270678
735. Luthra CL, Doxanas MT, Green WR (1978). Lesions of the caruncle: a clinicohistopathologic study. *Surv Ophthalmol*. 23(3):183–95. PMID:216128
736. Lynch TM, Gutmann DH (2002). Neurofibromatosis 1. *Neurol Clin*. 20(3):841–65. PMID:12432832
737. MacCumber MW, Hoffman PN, Wand GS, Epstein JI, Beschoner WE, Green WR (1990). Ophthalmic involvement in aggressive histiocytosis X. *Ophthalmology*. 97(1):22–7. PMID:2179796
738. Madreperla SA, Green WR, Daniel R, Shah KV (1993). Human papillomavirus in primary epithelial tumors of the lacrimal sac. *Ophthalmology*. 100(4):569–73. PMID:8386822
739. Maegawa J, Yasumura K, Iwai T, Hata M, Inayama Y, Kobayashi S (2014). Malignant melanoma of the lacrimal sac: a case report. *Int J Dermatol*. 53(2):243–5. PMID:24261959
740. Mäkitie T, Summanen P, Tarkkanen A, Kivelä T (1999). Microvascular density in predicting survival of patients with choroidal and ciliary body melanoma. *Invest Ophthalmol Vis Sci*. 40(11):2471–80. PMID:10509639
741. Mäkitie T, Summanen P, Tarkkanen A, Kivelä T (1999). Microvascular loops and networks as prognostic indicators in choroidal and ciliary body melanomas. *J Natl Cancer Inst*. 91(4):359–67. PMID:10050870
742. Mäkitie T, Summanen P, Tarkkanen A, Kivelä T (2001). Tumor-infiltrating macrophages (CD68(+) cells) and prognosis in malignant uveal melanoma. *Invest Ophthalmol Vis Sci*. 42(7):1414–21. PMID:11381040
743. Mullen-St Clair J, Arshi A, Tajudeen B, Abemayor E, St John M (2014). Epidemiology and treatment of lacrimal gland tumors: a population-based cohort analysis. *JAMA Otolaryngol Head Neck Surg*. 140(12):1110–6. PMID:25393577
744. Maly A, Epstein D, Meir K, Pe'er J (2008). Histological criteria for grading of atypia in melanocytic conjunctival lesions. *Pathology*. 40(7):676–81. PMID:18985522
745. Mami O, Boussofara L, Denguezli M, Escande-Bellard N, Kraeim V, Merriman B, et al. (2015). Multiple self-healing palmo-plantar carcinoma: a familial predisposition to skin cancer with primary palmo-plantar and conjunctival lesions. *J Invest Dermatol*. 135(1):304–8. PMID:25050600
746. Mandelcorn E, McGuire K, Dixon W, Mandelcorn M (2009). Ocular paraneoplastic syndrome: a case of bilateral diffuse uveal melanocytic proliferation. *Retina*. 29(9):1375–6. PMID:19934829
747. Manjandavida FP, Arepalli S, Tarlan B, Shields CL (2014). Optical coherence tomography characteristics of epi-iridic membrane in a child with recurrent hyphema and presumed juvenile xanthogranuloma. *J AAPOS*. 18(1):93–5. PMID:24568997
748. Manjandavida FP, Honavar SG, Gowrishankar S, Mulay K, Reddy VA, Vemuganti GK

- (2013). Optic nerve meningeal hemangiopericytoma: a clinicopathologic case report. *Surv Ophthalmol.* 58(4):341–7. PMID:23294915
- 749.** Mansour AM, Barber JC, Reinecke RD, Wang FM (1989). Ocular choristomas. *Surv Ophthalmol.* 33(5):339–58. PMID:2655139
- 750.** Manz HJ, Rosen DA, Macklin RD, Willis WE (1973). Neuroectodermal tumor of anterior lip of the optic cup. Glioneuroma transitional to teratoid medullo-epithelioma. *Arch Ophthalmol.* 89(5):382–6. PMID:4697214
- 751.** Marchuk DA (2001). Pathogenesis of hemangioma. *J Clin Invest.* 107(6):665–6. PMID:11254664
- 752.** Margo C, Hidayat A, Kopelman J, Zimmerman LE (1983). Retinocytoma. A benign variant of retinoblastoma. *Arch Ophthalmol.* 101(10):1519–31. PMID:6626001
- 753.** Margo CE, Bombardier T (1985). The diagnostic value of fungal autofluorescence. *Surv Ophthalmol.* 29(5):374–6. PMID:3992475
- 754.** Margo CE, Brooks HL Jr (1991). Adenocarcinoma of the ciliary epithelium in a 12-year-old black child. *J Pediatr Ophthalmol Strabismus.* 28(4):232–5. PMID:1919972
- 755.** Margo CE, Groden LR (1989). Intraepithelial neoplasia of the conjunctiva with mucocypidermoid differentiation. *Am J Ophthalmol.* 108(5):600–1. PMID:2817062
- 756.** Margo CE, Grossniklaus HE (1995). Intraepithelial sebaceous neoplasia without underlying invasive carcinoma. *Surv Ophthalmol.* 39(4):293–301. PMID:7725228
- 757.** Margo CE, Grossniklaus HE (2001). Pseudoadenomatous hyperplasia of the conjunctiva. *Ophthalmology.* 108(1):135–8. PMID:11150278
- 758.** Margo CE, Lessner A, Stern GA (1992). Intraepithelial sebaceous carcinoma of the conjunctiva and skin of the eyelid. *Ophthalmology.* 99(2):227–31. PMID:1553212
- 759.** Margo CE, Lowery RL, Kerschmann RL (1997). Lack of p53 protein immunoreactivity in bilateral diffuse uveal melanocytic proliferation. *Retina.* 17(5):434–6. PMID:9355192
- 760.** Margo CE, Mulla Z, Billiris K (1998). Incidence of surgically treated uveal melanoma by race and ethnicity. *Ophthalmology.* 105(6):1087–90. PMID:9627661
- 761.** Martin M, Maßhöfer L, Temming P, Rahmann S, Metz C, Bornfeld N, et al. (2013). Exome sequencing identifies recurrent somatic mutations in EIF1AX and SF3B1 in uveal melanoma with disomy 3. *Nat Genet.* 45(8):933–6. PMID:23793026
- 762.** Marunaka H, Orita Y, Tachibana T, Miki K, Makino T, Yoshino T, et al. (2018). Diffuse large B-cell lymphoma of the lacrimal sac arising from a patient with IgG4-related disease. *Mod Rheumatol.* 28(3):559–63. PMID:26708772
- 763.** Mashayekhi A, Kaliki S, Walker B, Park C, Sinha N, Kremer FZ, et al. (2013). Metastasis from uveal melanoma associated with congenital ocular melanocytosis: a matched study. *Ophthalmology.* 120(7):1465–8. PMID:23522968
- 764.** Mashayekhi A, Shields CL (2003). Circumscribed choroidal hemangioma. *Curr Opin Ophthalmol.* 14(3):142–9. PMID:12777933
- 765.** Mashayekhi A, Shukla SY, Shields JA, Shields CL (2014). Choroidal lymphoma: clinical features and association with systemic lymphoma. *Ophthalmology.* 121(1):342–51. PMID:23978622
- 766.** Mashayekhi A, Siu S, Shields CL, Shields JA (2011). Slow enlargement of choroidal nevi: a long-term follow-up study. *Ophthalmology.* 118(2):382–8. PMID:20801518
- 767.** Mastorakos P, Hays MA, Caruso JP, Chen CJ, Ding D, Taylor DG, et al. (2018). Transtentorial dissemination of optic nerve glioblastoma: case report. *J Neurosurg.* 128(2):406–13. PMID:28298017
- 768.** Mastropasqua R, Thuang C, Pavesio C, Lightman S, Westcott M, Okhravi N, et al. (2015). The role of chorioretinal biopsy in the diagnosis of intraocular lymphoma. *Am J Ophthalmol.* 160(6):1127–32.e1. PMID:26344582
- 769.** Matatalaj KA, Agapova OA, Onken MD, Worley LA, Bowcock AM, Harbour JW (2013). BAP1 deficiency causes loss of melanocytic cell identity in uveal melanoma. *BMC Cancer.* 13:371. PMID:23915344
- 770.** Mathai A, Lall A, Jain R, Pathengay A (2006). Systemic non-Hodgkin's lymphoma masquerading as Vogt-Koyanagi-Harada disease in an HIV-positive patient. *Clin Experiment Ophthalmol.* 34(3):280–2. PMID:16671912
- 771.** Matilainen S, Isohanni P, Euro L, Lönnqvist T, Pihko H, Kivelä T, et al. (2017). Mitochondrial encephalomyopathy and retinoblastoma explained by compound heterozygosity of SUCLA2 point mutation and 13q14 deletion. *Eur J Hum Genet.* 25(3):0–393. PMID:28179631
- 772.** Matsuyama A, Hisaoka M, Nagao Y, Hashimoto H (2011). Aberrant PLAG1 expression in pleomorphic adenomas of the salivary gland: a molecular genetic and immunohistochemical study. *Virchows Arch.* 458(5):583–92. PMID:21394649
- 773.** Matsuyama J, Ichikawa M, Oikawa T, Sato T, Kishida Y, Oda K, et al. (2014). Primary CNS lymphoma arising in the region of the optic nerve presenting as loss of vision: 2 case reports, including a patient with a massive intracerebral hemorrhage. *Brain Tumor Pathol.* 31(3):222–8. PMID:23999767
- 774.** Mavrikakis I, Heran MK, Rootman J (2006). MR findings in a patient with isolated intrinsic optic nerve lymphoma. *Ophthalm Plast Reconstr Surg.* 22(6):482–4. PMID:17117111
- 775.** Mayer RR, Frankfort BJ, Strickland BA, Debnam JM, McCutcheon IE, Groves MD, et al. (2017). Leptomeningeal metastases presenting exclusively with ocular disturbance in 34 patients: a tertiary care cancer hospital experience. *J Clin Neurosci.* 39:151–4. PMID:28215459
- 776.** McDonnell JM, McDonnell PJ, Mounts P, Wu TC, Green WR (1986). Demonstration of papillomavirus capsid antigen in human conjunctival neoplasia. *Arch Ophthalmol.* 104(12):1801–5. PMID:3024607
- 777.** McKelvie PA, Daniell M, McNab A, Loughnan M, Santamaria JD (2002). Squamous cell carcinoma of the conjunctiva: a series of 26 cases. *Br J Ophthalmol.* 86(2):168–73. PMID:11815342
- 778.** McLaughlin ME, Pepin SM, Maccollin M, Choopong P, Lessell S (2007). Ocular pathologic findings of neurofibromatosis type 2. *Arch Ophthalmol.* 125(3):389–94. PMID:17353411
- 779.** McLean IW, Foster WD, Zimmerman LE, Gamel JW (1983). Modifications of Callender's classification of uveal melanoma at the Armed Forces Institute of Pathology. *Am J Ophthalmol.* 96(4):502–9. PMID:6624832
- 780.** McLean IW, Keefe KS, Burnier MN (1997). Uveal melanoma. Comparison of the prognostic value of fibrovascular loops, mean of the ten largest nucleoli, cell type, and tumor size. *Ophthalmology.* 104(5):777–80. PMID:9160022
- 781.** McLean IW, Saraiva VS, Burnier MN Jr (2004). Pathological and prognostic features of uveal melanomas. *Can J Ophthalmol.* 39(4):343–50. PMID:15327098
- 782.** McMahon RT, Font RL, McLean IW (1976). Phakomatous choristoma of eyelid: electron microscopical confirmation of lenticular derivation. *Arch Ophthalmol.* 94(10):1778–81. PMID:973823
- 783.** Mehta M, Rasheed RA, Duker J, Reichel E, Feinberg E, Husain D, et al. (2015). Vitreous evaluation: a diagnostic challenge. *Ophthalmology.* 122(3):531–7. PMID:25439597
- 784.** Meisels HI, Goldberg MF (1979). Vascular anastomoses between the iris and persistent hyperplastic primary vitreous. *Am J Ophthalmol.* 88(2):179–85. PMID:112868
- 785.** Mello PC, Brasil OF, Vidoris A, Morales MC, Belfort RN (2016). Iris metastases from systemic cancer: a report of three cases. *Arq Bras Oftalmol.* 79(6):407–10. PMID:28076572
- 786.** Memoli VA, Brown EF, Gould VE (1984). Glial fibrillary acidic protein (GFAP) immunoreactivity in peripheral nerve sheath tumors. *Ultrastruct Pathol.* 7(4):269–75. PMID:6543600
- 787.** Mendoza PR, Specht CS, Hubbard GB, Wells JR, Lynn MJ, Zhang Q, et al. (2015). Histopathologic grading of anaplasia in retinoblastoma. *Am J Ophthalmol.* 159(4):764–76. PMID:25528954
- 790.** Merten DF, Gooding CA, Newton TH (1974). The radiographic features of meningiomas in childhood and adolescence. *Pediatr Radiol.* 2(2):89–96. PMID:15822329
- 791.** Messmer E, Font RL, Laqua H, Höpping W, Naumann GO (1984). Cavernous hemangioma of the retina. Immunohistochemical and ultrastructural observations. *Arch Ophthalmol.* 102(3):413–8. PMID:6538410
- 792.** Metwalley KA, Farghaly HS, Abd El-Hafeez HA (2013). Evaluation of left ventricular mass and function, lipid profile, and insulin resistance in Egyptian children with growth hormone deficiency: a single-center prospective case-control study. *Indian J Endocrinol Metab.* 17(5):876–82. PMID:24083170
- 793.** Metz DP, Hingorani M, Calder VL, Buckley RJ, Lightman SL (1997). T-cell cytokines in chronic allergic eye disease. *J Allergy Clin Immunol.* 100(6 Pt 1):817–24. PMID:9438492
- 794.** Meyer CH, Becker R, Schmidt JC, Kroll P (2002). When is congenital hypertrophy of the retinal pigment epithelium (CHRPE) associated with the Gardner's syndrome? An overview with clinical examples. *Klin Monatsbl Augenheilkd.* 219(9):644–8. [German] PMID:12410463
- 795.** Meyerle CB, Dahr SS, Wetjen NM, Jirawuthiworavong GV, Butman JA, Lonser RR, et al. (2008). Clinical course of retrolental hemangioblastomas in von Hippel-Lindau disease. *Ophthalmology.* 115(8):1382–9. PMID:18395800
- 796.** Michels RG, Knox DL, Erozan YS, Green WR (1975). Intraocular reticulum cell sarcoma. Diagnosis by pars plana vitrectomy. *Arch Ophthalmol.* 93(12):1331–5. PMID:1106372
- 797.** Miceli JA, Margolin EA (2016). Optic disc metastasis as the presenting sign of lung adenocarcinoma. *J Neuroophthalmol.* 36(4):399–401. PMID:27468119
- 798.** Mikhail M, Michel RP, Chankowsky J, Arthurs B (2017). Epiphora as first presenting sign of primary extranodal NK/T-cell lymphoma of the lacrimal sac. *Orbit.* 36(1):19–21. PMID:28146362
- 799.** Mikropoulos D, Mavrikakis I, Ziakas NG, Konstant AG, Boboridis KG (2011). Kaposi's sarcoma of the bulbar conjunctiva in an immunocompetent patient. *Case Rep Ophthalmol.* 2(2):193–7. PMID:21734889
- 800.** Miles SL, Niles RM, Pittcock S, Vile R, Davies J, Winters JL, et al. (2012). A factor found in the IgG fraction of serum of patients with paraneoplastic bilateral diffuse uveal melanocytic proliferation causes proliferation of cultured human melanocytes. *Retina.* 32(9):1959–66. PMID:22791177
- 801.** Millar MJ, Tumuluri K, Murali R, Ng T, Beaumont P, Maloof A (2008). Bilateral primary optic nerve lymphoma. *Ophthalm Plast Reconstr Surg.* 24(1):71–3. PMID:18209656
- 802.** Miller CV, Wolf A, Klingenstein A, Decker C, Garip A, Kampik A, et al. (2014). Clinical outcome of advanced squamous cell carcinoma of the conjunctiva. *Eye (Lond).* 28(8):962–7. PMID:24858526
- 803.** Miller NR (2004). Primary tumours of the optic nerve and its sheath. *Eye (Lond).* 18(11):1026–37. PMID:15534587
- 804.** Milman T, Petousis V, McCormick SH, Finger PT (2011). Anterior segment tumor aspiration cutter-assisted biopsy: experience with pathology. *Am J Ophthalmol.* 152(5):775–82.e1. PMID:21794848
- 805.** Milman T, Schear MJ, Eagle RC Jr (2014). Diagnostic utility of adipophilin immunostain in periorbital carcinomas. *Ophthalmology.* 121(4):964–71. PMID:24290802
- 806.** Milman T, Shields JA, Hussen M, Man SP, Shields CL, Eagle RC Jr (2005). Primary ductal adenocarcinoma of the lacrimal gland. *Ophthalmology.* 112(11):2048–51. PMID:16271319
- 807.** Mimura T, Nakashizuka T, Kami J, Kohmura M, Sato S, Dou K, et al. (2012). Bilateral choroidal detachment after cord blood stem cell transplantation in an adult patient with acute myeloid leukemia. *Int Ophthalmol.* 32(4):379–81. PMID:22350079
- 808.** Min KW, Park HK, Kim WY, Kim WS, Lim SD, Han HS, et al. (2014). Primary ductal adenocarcinoma of the lacrimal gland associated with abundant intracytoplasmic lumens containing some eosinophilic hyaline globules: cytological, histological and ultrastructural findings. *Ultrastruct Pathol.* 38(5):383–8. PMID:24932904
- 809.** Minnetti M, Grossman A (2016). Somatic and germline mutations in NETs: implications for their diagnosis and management. *Best Pract Res Clin Endocrinol Metab.* 30(1):115–27. PMID:26971848
- 810.** Mishra DK, Veena U, Kaliki S, Kethim AR, Sangwan VS, Ali MH, et al. (2016). Differential expression of stem cell markers in ocular surface squamous neoplasia. *PLoS One.* 11(9):e0161800. PMID:27584160
- 811.** Missotten GS, Gambrelle J, de Wolff-Rouendaal D, de Keizer RJ (2010). Epiphora or epiphora as a sign for extension of a conjunctival melanoma. A series of six patients with nasolacrimal recurrence. *Br J Ophthalmol.* 94(10):1328–31. PMID:20584717
- 812.** Missotten GS, Keijser S, De Keizer RJ, De Wolff-Rouendaal D (2005). Conjunctival melanoma in the Netherlands: a nationwide study. *Invest Ophthalmol Vis Sci.* 46(1):75–82. PMID:15623757
- 813.** Mito H, Takahashi Y, Nakano T, Asanaka K, Ikeda H, Kakizaki H (2014). Consecutive microscopic anatomical characteristics of the lacrimal sac and nasolacrimal duct: cases with or without inflammation. *Invest Ophthalmol Vis Sci.* 55(8):5233–7. PMID:25082889
- 814.** Mittal R, Araujo I, Czanner G, Coupland SE (2016). Perforin expression in eyelid sebaceous carcinomas: a useful and specific immunomarker for the differential diagnosis of eyelid carcinomas. *Acta Ophthalmol.* 94(5):e325–30. PMID:26843360
- 815.** Mittal R, Cherepanoff S, Thornton S, Kallrai H, Damato B, Coupland SE (2015). Bilateral diffuse uveal melanocytic proliferation: molecular genetic analysis of a case and review of the literature. *Ocul Oncol Pathol.* 2(2):94–9. PMID:27171825
- 816.** Mitter D, Ullmann R, Muradym A, Klein-Hitpass L, Kanber D, Onup K, et al. (2011). Genotype-phenotype correlations in patients with retinoblastoma and interstitial 13q deletions. *Eur J Hum Genet.* 19(9):947–58.

PMID:21505449

- 817.** Mlakar J, Kocjan BJ, Hošnjak L, Pižem J, Beltram M, Gale N, et al. (2015). Morphological characteristics of conjunctival squamous papillomas in relation to human papillomavirus infection. *Br J Ophthalmol.* 99(3):431–6. PMID:25527693
- 818.** Moloney TP, Trinh T, Farrah JJ (2014). A case of conjunctival mucoepidermoid carcinoma in Australia. *Clin Ophthalmol.* 8:11–4. PMID:24363552
- 819.** Montalbán A, Liétin B, Louvrier C, Russier M, Kemeny JL, Mom T, et al. (2010). Malignant lacrimal sac tumors. *Eur Ann Otorhinolaryngol Head Neck Dis.* 127(5):165–72. PMID:21036121
- 820.** Montes TL, Agra MV, Alonso MSM, Lorenzo AO (2017). Conjunctival leiomyosarcoma: a case report and review of literature. *Indian J Ophthalmol.* 65(5):406–8. PMID:28573999
- 821.** Mooy CM, Luyten GP, de Jong PT, Luidert TM, Stijnen T, van de Ham F, et al. (1995). Immunohistochemical and prognostic analysis of apoptosis and proliferation in uveal melanoma. *Am J Pathol.* 147(4):1097–104. PMID:7573354
- 822.** Moran S, Martínez-Cardús A, Sayols S, Musulén E, Baladrà C, Estival-Gonzalez A, et al. (2016). Epigenetic profiling to classify cancer of unknown primary: a multicentre, retrospective analysis. *Lancet Oncol.* 17(10):1386–95. PMID:27575023
- 823.** Mori T, Sukeda A, Sekine S, Shibata S, Ryo E, Okano H, et al. (2017). SOX10 expression as well as BRAF and GNAQ1 mutations distinguish pigmented ciliary epithelium neoplasms from uveal melanomas. *Invest Ophthalmol Vis Sci.* 58(12):5445–51. PMID:29059311
- 824.** Mortuza S, Esmaeli B, Bell D (2014). Primary intraocular ancient schwannoma: a case report and review of the literature. *Head Neck.* 36(4):E36–8. PMID:23729377
- 825.** Moulin AP, Bucher M, Pourmaras JA, Nguyen C, Ambresin A (2010). Fluorescein and indocyanine green angiography findings in B cell lymphoblastic leukemia mimicking acute central serous chorioretinopathy. *Klin Monatsbl Augenheilkd.* 227(4):342–4. PMID:20408096
- 826.** Mouriaux F, Vincent S, Kherrouche Z, Mauraage CA, Planque N, Monté D, et al. (2003). Microphthalmia transcription factor analysis in posterior uveal melanomas. *Exp Eye Res.* 76(6):653–61. PMID:12742347
- 827.** Muci-Mendoza R, Arevalo JF, Ramella M, Fuenmayor-Rivera D (2001). Optic nerve metastasis from oat cell lung adenocarcinoma: regression after radiotherapy. *Ophthalmic Surg Lasers.* 32(4):349–51. PMID:11475407
- 828.** Mudhar HS, Doherty R, Salawu A, Sisley K, Rennie IG (2013). Immunohistochemical and molecular pathology of ocular uveal melanocytoma: evidence for somatic GNAQ mutations. *Br J Ophthalmol.* 97(7):924–8. PMID:23685997
- 828A.** Mudhar HS, Saunders E, Rundle P, Rennie IG, Sisley K (2009). The in vivo modulatory effects of an anterior-chamber microenvironment on uveal melanoma. *Br J Ophthalmol.* 93(4):535–40. PMID:19019926
- 829.** Mudhar HS, Scott I, Ul-Hassan A, Burton D, Doherty R, Cross N, et al. (2012). Bilateral diffuse uveal melanocytic hyperplasia: molecular characterization and novel association with bilateral renal papillary carcinoma. *Histopathology.* 61(4):751–4. PMID:22803781
- 830.** Mudhar HS, Sethuraman C, Khan MD, Jan SU (2007). Intracanalicular, pan-uveal intravascular large B-cell lymphoma associated with choroidal infarction and choroidal tri-lineage extramedullary haematopoiesis. *Histopathology.* 51(2):275–9. PMID:17593210
- 831.** Munch-Petersen HD, Rasmussen PK, Coupland SE, Esmaeli B, Finger PT, Graue GF, et al. (2015). Ocular adnexal diffuse large B-cell lymphoma: a multicenter international study. *JAMA Ophthalmol.* 133(2):165–73. PMID:25393033
- 832.** Munier FL (2014). Classification and management of seeds in retinoblastoma. *Ellsworth Lecture Ghent August 24th 2013.* *Ophthalmic Genet.* 35(4):193–207. PMID:25321846
- 833.** Munier FL, Gaillard MC, Balmer A, Soliman S, Podilsky G, Moulin AP, et al. (2012). Intravitreal chemotherapy for vitreous disease in retinoblastoma revisited: from prohibition to conditional indications. *Br J Ophthalmol.* 96(8):1078–83. PMID:22694968
- 834.** Munro S, Brownstein S, Liddy B (1993). Conjunctival keratoacanthoma. *Am J Ophthalmol.* 116(5):654–5. PMID:8238236
- 835.** Muthiah S, Radhakrishnan N (2017). Management of extraocular infections. *Indian J Pediatr.* 84(12):945–52. PMID:28707045
- 836.** Nabavizadeh SA, Santi M, Belasco JB, Zimmerman RA (2014). Primary atypical optic nerve sheath meningioma in a child with restricted diffusion on magnetic resonance imaging. *J Neuroophthalmol.* 34(2):173–6. PMID:24705258
- 837.** Nagaishi M, Sugiyama Y, Takano I, Tanaka Y, Suzuki K, Yokoo H, et al. (2015). Clinicopathological and molecular features of malignant optic pathway glioma in an adult. *J Clin Neurosci.* 22(1):207–9. PMID:25150758
- 838.** Nair AG, Kaliki S, Kamal S, Mishra DK, Vemuganti GK (2015). Conjunctival leiomyosarcoma: a report of two cases. *Orbit.* 34(5):274–8. PMID:26214581
- 839.** Nair AG, Pathak RS, Iyer VR, Gandhi RA (2014). Optic nerve glioma: an update. *Int Ophthalmol.* 34(4):999–1005. PMID:24736941
- 840.** Nakamura Y, Mashima Y, Kameyama K (1995). Human papilloma virus DNA detected in case of inverted squamous papilloma of the lacrimal sac. *Br J Ophthalmol.* 79(4):392–3. PMID:7742294
- 841.** Nakamura Y, Mashima Y, Kameyama K, Mukai M, Oguchi Y (1997). Detection of human papillomavirus infection in squamous tumours of the conjunctiva and lacrimal sac by immunohistochemistry, in situ hybridisation, and polymerase chain reaction. *Br J Ophthalmol.* 81(4):308–13. PMID:9215061
- 842.** Nakashima M, Miyajima M, Sugano H, Iimura Y, Kato M, Tsurusaki Y, et al. (2014). The somatic GNAQ mutation c.548G>A (p.R183Q) is consistently found in Sturge-Weber syndrome. *J Hum Genet.* 59(12):691–3. PMID:25374402
- 843.** Nakazawa T, Abe T, Sato Y, Yuda F, Omura M, Tamai M (2000). Magnetic resonance imaging of a non-pigmented adenoma of the ciliary epithelium. *Acta Ophthalmol Scand.* 78(4):470–3. PMID:10990055
- 844.** Nangia V, Jonas JB, Agarwal S, Khare A, Lambat S, Panda-Jonas S (2012). Choroidal nevi in adult Indians: the Central India Eye and Medical Study. *Br J Ophthalmol.* 96(11):1443–4. PMID:22872672
- 845.** Naumann G, Yanoff M, Zimmerman LE (1966). Histogenesis of malignant melanomas of the uvea. I. Histopathologic characteristics of nevi of the choroid and ciliary body. *Arch Ophthalmol.* 76(6):784–96. PMID:5924936
- 846.** Nelson KD, McSoley JJ (2011). Clinical findings and management of conjunctival intraepithelial neoplasia. *Optometry.* 82(1):15–21. PMID:21071282
- 847.** Neren A, Reich I, Torno R, Shinder R (2017). Minor salivary gland acinic cell carcinoma with orbital extension. *Ophthalmic Plast Reconstr Surg.* 33(3S Suppl 1):S66–8. PMID:26068556
- 848.** National Institutes of Health (1988). Neurofibromatosis. Conference statement. National Institutes of Health Consensus Development Conference. *Arch Neurol.* 45(5):575–8. PMID:3128965
- 849.** Nevares RL, Mulliken JB, Robb RM (1988). Ocular dermoids. *Plast Reconstr Surg.* 82(6):959–64. PMID:3200959
- 850.** Newman NM, Smith ME, Gay AJ (1972). An unusual case of leukemia involving the eye: a clinico-pathological study. *Surv Ophthalmol.* 16(5):316–21. PMID:4549896
- 851.** Newton R, Ferlay J, Reeves G, Beral V, Parkin DM (1996). Effect of ambient solar ultraviolet radiation on incidence of squamous-cell carcinoma of the eye. *Lancet.* 347(9013):1450–1. PMID:8676629
- 852.** Newton R, Ziegler J, Ateenyi-Agaba C, Bousarghin L, Casabonne D, Beral V, et al. (2002). The epidemiology of conjunctival squamous cell carcinoma in Uganda. *Br J Cancer.* 87(3):301–8. PMID:12177799
- 853.** Ng CH, Wang JJ, Mitchell P, Amirul Islam FM, Wong TY (2009). Prevalence and characteristics of choroidal nevi in an Asian vs white population. *Arch Ophthalmol.* 127(3):314–9. PMID:19273796
- 854.** Ni C, D'Amico DJ, Fan CQ, Kuo PK (1982). Tumors of the lacrimal sac: a clinicopathological analysis of 82 cases. *Int Ophthalmol Clin.* 22(1):121–40. PMID:6277817
- 855.** Ni C, Liu SL, Zhong CS (1989). Spindle cell carcinoma of cornea and conjunctiva with pseudosarcomatous metaplasia. Light microscopic, electron microscopic and immunohistochemical findings in 2 patients. *Chin Med J (Engl).* 102(5):387–91. PMID:2509163
- 856.** Ni C, Wagoner MD, Wang WJ, Albert DM, Fan CO, Robinson N (1983). Mucoepidermoid carcinomas of the lacrimal sac. *Arch Ophthalmol.* 101(10):1572–4. PMID:6626013
- 857.** Nickelsen MN, von Holstein S, Hansen AB, Prause JU, Heegaard S (2015). Breast carcinoma metastasis to the lacrimal gland: two case reports. *Oncol Lett.* 10(2):1031–5. PMID:26622620
- 858.** Nicolò M, Nicolò G, Zingirian M (2002). Pleomorphic adenocarcinoma of the ciliary epithelium: a clinicopathological, immunohistochemical, ultrastructural, DNA-ploidy and comparative genomic hybridization analysis of an unusual case. *Eur J Ophthalmol.* 12(4):319–23. PMID:12220004
- 859.** Ninane J, Taylor D, Day S (1980). The eye as a sanctuary in acute lymphoblastic leukaemia. *Lancet.* 1(8166):452–3. PMID:6102185
- 860.** Niu L, Zhang C, Meng F, Cai R, Bi Y, Wang Y, et al. (2015). Ocular juvenile xanthogranuloma. *Optom Vis Sci.* 92(6):e126–33. PMID:25969381
- 861.** Niu P, Zhao XX, Yan F, Zhou YM, Jian P (2014). Influence of Ginkgo biloba extract on proliferation of ACC-2 cell, survivin and TIP30 gene expression in adenoid cystic carcinoma of lacrimal gland. *Zhongguo Zhong Yao Za Zhi.* 39(24):4860–4. [Chinese] PMID:25898592
- 862.** Njauw CN, Kim I, Piris A, Gabree M, Taylor M, Lane AM, et al. (2012). Germline BAP1 inactivation is preferentially associated with metastatic ocular melanoma and cutaneous-ocular melanoma families. *PLoS One.* 7(4):e35295. PMID:22545102
- 863.** Nomura S, Suzuki R, Sugiyama S, Nogami K, Ito H (1999). Optic glioma with characteristic bilateral optic atrophy in a 3-year-old girl. *Pediatr Neurosurg.* 31(4):213–8. PMID:10705932
- 864.** Norregaard JC, Gerner N, Jensen OA, Prause JU (1996). Malignant melanoma of the conjunctiva: occurrence and survival following surgery and radiotherapy in a Danish population. *Graefes Arch Clin Exp Ophthalmol.* 234(9):569–72. PMID:8880155
- 865.** Noshiro S, Wanibuchi M, Akiyama Y, Okawa S, Ohtaki S, Sugino T, et al. (2015). IgG4-related disease initially presented as an orbital mass lesion mimicking optic nerve sheath meningioma. *Brain Tumor Pathol.* 32(4):286–90. PMID:26037238
- 866.** Nusiha A, Dalpatadu U, Amarasinghe B, Chandrasinghe PC, Deen KI (2014). Congenital hypertrophy of retinal pigment epithelium (CHRPE) in patients with familial adenomatous polyposis (FAP): a polyposis registry experience. *BMC Res Notes.* 7:734. PMID:25326340
- 867.** O'Neal KD, Butnor KJ, Perkinson KR, Proia AD (2003). Bilateral diffuse uveal melanocytic proliferation associated with pancreatic carcinoma: a case report and literature review of this paraneoplastic syndrome. *Surg Ophthalmol.* 48(6):613–25. PMID:14609707
- 868.** O'Reilly FM, Brat DJ, McAlpine BE, Grossniklaus HE, Folpe AL, Arbiser JL (2001). Microphthalmia transcription factor immunohistochemistry: a useful diagnostic marker in the diagnosis and detection of cutaneous melanoma, sentinel lymph node metastases, and extracutaneous melanocytic neoplasms. *J Am Acad Dermatol.* 45(3):414–9. PMID:11511840
- 869.** Obi EE, Drummond SR, Kemp EG, Roberts F (2013). Pleomorphic adenomas of the lower eyelid: a case series. *Ophthalmic Plast Reconstr Surg.* 29(1):e14–7. PMID:22743699
- 870.** Oellers P, Karp CL, Shah RR, Winnick M, Matthews J, Dubovy S (2014). Conjunctival keratoacanthoma. *Br J Ophthalmol.* 98(2):275–6. PMID:24288390
- 871.** Ohashi A, Elsayed AA, Yasuma T, Iijima T, Nakamura S (2015). Conjunctival mucoepithelial hyperplasia of the elderly. *Int Ophthalmol.* 35(4):611–4. PMID:25975460
- 872.** Ohkoshi K, Tsiaras WG (1992). Prognostic importance of ophthalmic manifestations in childhood leukaemia. *Br J Ophthalmol.* 76(11):651–5. PMID:1477038
- 873.** Oliver WR, Reddick RL, Gillespie GY, Siegal GP (1985). Juxtaadrenal schwannoma: verification of the diagnosis by immunohistochemical and ultrastructural studies. *J Surg Oncol.* 30(4):259–68. PMID:2417059
- 874.** Onken MD, Li J, Cooper JA (2014). Uveal melanoma cells utilize a novel route for transendothelial migration. *PLoS One.* 9(12):e115472. PMID:25506912
- 875.** Onken MD, Worley LA, Ehlers JP, Harbour JW (2004). Gene expression profiling in uveal melanoma reveals two molecular classes and predicts metastatic death. *Cancer Res.* 64(20):7205–9. PMID:15492234
- 875A.** Onken MD, Worley LA, Long MD, Duan S, Council ML, Bowcock AM, et al. (2008). Oncogenic mutations in GNAQ occur early in uveal melanoma. *Invest Ophthalmol Vis Sci.* 49(12):5230–4. PMID:18719078
- 876.** Ordóñez NG (2012). Immunohistochemical endothelial markers: a review. *Adv Anat Pathol.* 19(5):281–95. PMID:22885378
- 877.** Orduña-Azcona J, Gili P, De Manuel-Triantafilo S, Flores-Rodríguez P (2014). Solitary congenital hypertrophy of the retinal pigment epithelium features by high-definition optical coherence tomography. *Eur J Ophthalmol.* 24(4):566–9. PMID:24366775
- 878.** Ortiz JM, Yanoff M (1979). Epipalpebral conjunctival osseous choristoma. *Br J Ophthalmol.* 63(3):173–6. PMID:435428
- 879.** Østergaard J, Prause JU, Heegaard S (2011). Oncocytic lesions of the ophthalmic region: a clinicopathological study with emphasis on cytokeratin expression. *Acta Ophthalmol.* 89(3):263–7. PMID:19843013
- 880.** Othmane IS, Shields CL, Shields JA, Gunduz K, Mercado G (1999). Circumscribed choroidal hemangioma managed by transpupillary thermotherapy. *Arch Ophthalmol.* 117(1):136–7. PMID:9930182

881. Otto MJ, Löw O, Schneider A (1991). The nominal section thickness—importance of their correction for morphometry. *Exp Pathol.* 42(3):129–36. PMID:1915756
882. Oworu O, Kyle P, Morton R (2004). Metastatic oesophageal carcinoma presenting as a lacrimal gland tumour. *Br J Ophthalmol.* 88(7):972–3. PMID:15205254
883. Paal E, Thompson LD, Heffess CS (1998). A clinicopathologic and immunohistochemical study of ten pancreatic lymphangiomas and a review of the literature. *Cancer.* 82(11):2150–8. PMID:9610694
884. Palma J, Sasso DF, Dufort G, Koop K, Sampor C, Diez B, et al. (2012). Successful treatment of metastatic retinoblastoma with high-dose chemotherapy and autologous stem cell rescue in South America. *Bone Marrow Transplant.* 47(4):522–7. PMID:21602901
885. Palme C, Bechrakis NE, Stättin M, Haas G, Zehetner C (2016). Decreased vision as initial presenting symptom of acute lymphoblastic leukemia: a case report. *Case Rep Ophthalmol.* 7(2):377–83. PMID:27721787
886. Pan Y, Xing Y, Wang H (2015). Expression of survivin in adenoid cystic carcinoma of the lacrimal gland and the effect of intervention with arsenic trioxide in vitro. *Exp Ther Med.* 10(1):330–4. PMID:26170957
887. Panagopoulos I, Gorunova L, Bjerke-hagen B, Lobmaier I, Heim S (2015). LAM-TOR1-PRKCD and NUMA1-SFMBT1 fusion genes identified by RNA sequencing in aneurysmal benign fibrous histiocytoma with t(3;11)(p21;q13). *Cancer Genet.* 208(11):545–51. PMID:26432191
888. Pang CS, Brown JD, Ganote CE, Youngberg GA (2005). A mass of the right lacrimal sac in a 53-year-old man. *Arch Pathol Lab Med.* 129(11):1493–4. PMID:16253035
889. Pantanowitz L, Dezube BJ (2008). Kaposi sarcoma in unusual locations. *BMC Cancer.* 8:190. PMID:18605999
890. Papalas JA, Manavi CK, Woodward JA, Sanguenza OP, Cummings TJ (2010). Angiosarcoma of the eyelid: a clinicopathologic comparison between isolated unilateral tumors and tumors demonstrating extrapalpebral involvement. *Am J Dermatopathol.* 32(7):694–9. PMID:20559124
891. Pappas S, Jin K, Tse BC, Tse DT, Pelaez D, Tao W (2017). Adenoid cystic carcinoma of the lacrimal gland: clinical, genetic and molecular characteristics. In: Farooqi AA, Ismail M, editors. *Molecular oncology: underlying mechanisms and translational advancements.* Cham: Springer.
892. Paridaens AD, Minassian DC, McCartney AC, Hungerford JL (1994). Prognostic factors in primary malignant melanoma of the conjunctiva: a clinicopathological study of 256 cases. *Br J Ophthalmol.* 78(4):252–9. PMID:8199108
893. Park GC, Cho KJ, Kang J, Roh JL, Choi SH, Kim SY, et al. (2012). Relationship between histopathology of pleomorphic adenoma in the parotid gland and recurrence after superficial parotidectomy. *J Surg Oncol.* 106(8):942–6. PMID:22740329
894. Parmar DN, Rose GE (2003). Management of lacrimal sac tumours. *Eye (Lond).* 17(5):599–606. PMID:12855966
895. Parsons MA, Rennie IG, Rundle PA, Dhingra S, Mudhar H, Singh AD (2005). Congenital hypertrophy of retinal pigment epithelium: a clinico-pathological case report. *Br J Ophthalmol.* 89(7):920–1. PMID:15965180
896. Pasqualucci L, Zhang B (2016). Genetic drivers of NF- κ B deregulation in diffuse large B-cell lymphoma. *Semin Cancer Biol.* 39:26–31. PMID:27546290
897. Pastora-Salvador N, Abela-Gómez J, Peralta-Calvo J, García-Fernández E, Morales-Bastos C, Asencio-Durán M, et al. (2012). Atypical clinical presentation and long-term survival in a patient with optic nerve medulloepithelioma: a case report. *J Med Case Rep.* 6:123. PMID:22571440
898. Patel AV, Miller JB, Nath R, Shih HA, Yoon MK, Freitag SK, et al. (2016). Unilateral eye findings: a rare herald of acute leukemia. *Ocul Oncol Pathol.* 2(3):166–70. PMID:27239459
899. Patel NR, Sanghvi S, Khan MN, Husain Q, Baredes S, Eloy JA (2014). Demographic trends and disease-specific survival in salivary acinic cell carcinoma: an analysis of 1129 cases. *Laryngoscope.* 124(1):172–8. PMID:23754708
900. Patrón-Bolaños C, Acosta-Torres L, Tenorio-Rocha F, Jacinto-Alemán LF, Leyva-Huerta E (2016). Immunohistochemical patterns in different stromal variants of pleomorphic adenomas: literature review. *Histol Histopathol.* 31(3):239–48. PMID:26507835
901. Pe'er J (2005). Ocular surface squamous neoplasia. *Ophthalmol Clin North Am.* 18(1):1–13, vii. PMID:15763187
902. Pe'er J, Hidayat AA (1986). Myxomas of the conjunctiva. *Am J Ophthalmol.* 102(1):80–6. PMID:3728629
903. Pe'er J, Hidayat AA, Ilisar M, Landau L, Stefanyshyn MA (1996). Glandular tumors of the lacrimal sac. Their histopathologic patterns and possible origins. *Ophthalmology.* 103(10):1601–5. PMID:8874432
904. Pe'er J, Levinger S, Ilisar M, Climenhaga H, Okon E (1990). Malignant fibrous histiocytoma of the conjunctiva. *Br J Ophthalmol.* 74(10):624–8. PMID:1704795
905. Pekmezci M, Reuss DE, Hirbe AC, Dahiya S, Gutmann DH, von Deimling A, et al. (2015). Morphologic and immunohistochemical features of malignant peripheral nerve sheath tumors and cellular schwannomas. *Mod Pathol.* 28(2):187–200. PMID:25189642
906. Pels H, Juergens A, Schirgens I, Glas-macher A, Schulz H, Engert A, et al. (2010). Early complete response during chemotherapy predicts favorable outcome in patients with primary CNS lymphoma. *Neuro-oncol.* 12(7):720–4. PMID:20159882
907. Penfield W, editor (1965). *Cytology and cellular pathology of the nervous system.* 2nd ed. New York: Hafner Publishing Company.
908. Peris K, Onorati MT, Keller G, Magrini F, Donati P, Muscardin L, et al. (1997). Widespread microsatellite instability in sebaceous tumours of patients with the Muir-Torre syndrome. *Br J Dermatol.* 137(3):356–60. PMID:9349329
909. Peshtani A, Kaliki S, Eagle RC, Shields CL (2014). Medulloepithelioma: a triad of clinical features. *Oman J Ophthalmol.* 7(2):93–5. PMID:25136238
910. Pfaffenbach DD, Green WR (1971). Ectopic lacrimal gland. *Int Ophthalmol Clin.* 11(3):149–59. PMID:5152651
911. Pfeiffer ML, Ozgur OK, Myers JN, Peng A, Ning J, Zafere ME, et al. (2017). Sentinel lymph node biopsy for ocular adnexal melanoma. *Acta Ophthalmol.* 95(4):e323–8. PMID:27775232
912. Phelps CD (1978). The pathogenesis of glaucoma in Sturge-Weber syndrome. *Ophthalmology.* 85(3):276–86. PMID:662281
913. Pilarski R, Rai K, Cebulla C, Abdel-Rahman M (1993). BAP1 tumor predisposition syndrome. In: Adam MP, Ardinger HH, Pagon RA, Wallace SE, Bean LH, Stephens K, et al., editors. *GeneReviews®.* Seattle: University of Washington, Seattle. PMID:27748099
914. Pineda R 2nd, Urban RC Jr, Bellows AR, Jakobiec FA (1995). Ciliary body neurilemma. Unusual clinical findings intimating the diagnosis. *Ophthalmology.* 102(6):918–23. PMID:777299
916. Plaszczycza A, Nilsson J, Magnusson L, Brosjö O, Larsson O, Vult von Steyrn F, et al. (2014). Fusions involving protein kinase C and membrane-associated proteins in benign fibrous histiocytoma. *Int J Biochem Cell Biol.* 53:475–81. PMID:24721208
917. Plateroti AM, Scavella V, Abdolrahimzadeh B, Plateroti R, Rahimi S (2017). An update on oculodermal melanocytosis and rare associated conditions. *Semin Ophthalmol.* 32(4):524–8. PMID:27083007
918. Plocharczyk EF, Frankel WL, Hampel H, Peters SB (2013). Mismatch repair protein deficiency is common in sebaceous neoplasms and suggests the importance of screening for Lynch syndrome. *Am J Dermatopathol.* 35(2):191–5. PMID:22722469
919. Podgrabska S, Braun P, Velasco P, Kloos B, Pepper MS, Skobe M (2002). Molecular characterization of lymphatic endothelial cells. *Proc Natl Acad Sci USA.* 99(25):16069–74. PMID:12446836
920. Pokhrel SM, Badu BP, Lavaju P, Shrestha BG, Pant AR, Agarwal M (2014). Unusual presentation of lacrimal gland pleomorphic adenoma. *JNMA J Nepal Med Assoc.* 52(195):949–51. PMID:26982673
921. Pokorny KS, Hyman BM, Jakobiec FA, Perry HD, Caputo AR, Iwamoto T (1987). Epibulbar choristomas containing lacrimal tissue. Clinical distinction from dermoids and histologic evidence of an origin from the palpebral lobe. *Ophthalmology.* 94(10):1249–57. PMID:3684203
922. Pollock SC, Awh CC, Dutton JJ (1991). Cutaneous melanoma metastatic to the optic disc and vitreous. *Arch Ophthalmol.* 109(10):1352–4. PMID:1929918
923. Polvi A, Linnankivi T, Kivelä T, Herva R, Keating JP, Mäkitie O, et al. (2012). Mutations in CTC1, encoding the CTS telomere maintenance complex component 1, cause cerebrotendinous microangiopathy with calcifications and cysts. *Am J Hum Genet.* 90(3):540–9. PMID:22387016
924. Poole Perry LJ, Jakobiec FA, Zakka FR, Reichel E, Herwig MC, Perry A, et al. (2013). Reactive retinal astrocytic tumors (so-called vasoproliferative tumors): histopathologic, immunohistochemical, and genetic studies of four cases. *Am J Ophthalmol.* 155(3):593–608. e1. PMID:23219067
925. Porcelli AM, Ghelli A, Ceccarelli C, Lang M, Cenacchi G, Capristo M, et al. (2010). The genetic and metabolic signature of oncogenic transformation implicates HIF1 α destabilization. *Hum Mol Genet.* 19(6):1019–32. PMID:20028790
926. Potter HD, Lee V, Hinshaw MA, Khedr SS, Albert DM, Burkat CN (2013). Lichen simplex chronicus of the conjunctiva. *JAMA Ophthalmol.* 131(6):816–8. PMID:23559160
927. Prabhakaran VC, Cannon PS, McNab A, Davis G, O'Donnell B, Dolman PJ, et al. (2010). Lesions mimicking lacrimal gland pleomorphic adenoma. *Br J Ophthalmol.* 94(11):1509–12. PMID:20962353
928. Praidou A, Jacob S, Irion L, Sivaraj R, Groenewald C, Coupland SE, et al. (2017). Retinal and vitreous metastases from hepatobiliary carcinoma. *BMC Cancer.* 17(1):430. PMID:28629380
929. Prakalaporn SG, Bernardino CR, Auclair PL, Grossniklaus HE (2008). Carcinosarcoma of the orbit: report of two cases and review of the literature. *Ophthalmology.* 115(11):2065–70. PMID:18562006
930. Preechawai P, Della Rocca RC, Della Rocca D, Schaefer S, McCormack S (2005). Transitional cell carcinoma of the lacrimal sac. *J Med Assoc Thai.* 88 Suppl 9:S138–42. PMID:16681067
931. Priest JR, Williams GM, Manera R, Jenkinson H, Bründler MA, Davis S, et al. (2011). Ciliary body medulloepithelioma: four cases associated with pleuropulmonary blastoma—a report from the International Pleuropulmonary Blastoma Registry. *Br J Ophthalmol.* 95(7):1001–5. PMID:21156700
932. Pujari A, Ali MJ, Mulay K, Naik MN, Honavar SG (2014). The black lacrimal sac: a clinicopathological correlation of a malignant melanoma with anterior lacrimal crest infiltration. *Int Ophthalmol.* 34(1):111–5. PMID:23456510
933. Pulido JS, Flotte TJ, Raja H, Miles S, Winters JL, Niles R, et al. (2013). Dermal and conjunctival melanocytic proliferations in diffuse uveal melanocytic proliferation. *Eye (Lond).* 27(9):1058–62. PMID:23788206
934. Punia RS, Nanda A, Mohan H, Bansal RK (2006). Clinicopathological study of dermoids—a report of four cases. *Indian J Pathol Microbiol.* 49(4):605–7. PMID:17183873
935. Purcell JJ Jr, Shields JA (1975). Hypertrophy with hyperpigmentation of the retinal pigment epithelium. *Arch Ophthalmol.* 93(11):1122–6. PMID:1191102
936. Pusateri A, Margo CE (2014). Intracocular astrocytoma and its differential diagnosis. *Arch Pathol Lab Med.* 138(9):1250–4. PMID:25171711
937. Pushker N, Kashyap S, Sen S, Bajaj MS, Hada M (2017). Cystic pleomorphic adenoma of the lacrimal gland: a clinicopathologic study. *Can J Ophthalmol.* 52(1):e7–9. PMID:28237174
938. Pushker N, Shrey D, Bajaj MS, Kashyap S, Yadav P, Mehta M, et al. (2010). Malignant non-teratoid medulloepithelioma of the optic nerve with intraocular extension. *Clin Experiment Ophthalmol.* 38(7):731–3. PMID:20497433
939. Pyo EY, Mun GH, Yoon KC (2016). The prevalence and risk factors for pterygium in South Korea: the Korea National Health and Nutrition Examination Survey (KNHANES) 2009–2010. *Epidemiol Health.* 38:e2015015. PMID:27156345
940. Qannam A, Bello IO (2016). Comparison of histological grading methods in mucocutaneous carcinoma of minor salivary glands. *Indian J Pathol Microbiol.* 59(4):457–62. PMID:27721274
941. Qiu M, Shields CL (2015). Choroidal nevus in the United States adult population: racial disparities and associated factors in the National Health and Nutrition Examination Survey. *Ophthalmology.* 122(10):2071–83. PMID:26255109
942. Qualman SJ, Coffin CM, Newton WA, Hogg H, Triche TJ, Parham DM, et al. (1998). Inter-group Rhabdomyosarcoma Study: update for pathologists. *Pediatr Dev Pathol.* 1(6):550–61. PMID:9724344
943. Quhill H, Rennie IG, Rundle PA, Mudhar HS (2013). Three cases of intraocular mesodermal leiomyoma expressing progesterone and androgen receptors. *Eye (Lond).* 27(5):669–72. PMID:23519275
944. Racher H, Soliman S, Argiropoulos B, Chan HS, Gallie BL, Perrier R, et al. (2016). Molecular analysis distinguishes metastatic disease from second cancers in patients with retinoblastoma. *Cancer Genet.* 209(7–8):359–63. PMID:27318443
945. Radu O, Pantanowitz L (2013). Kaposi sarcoma. *Arch Pathol Lab Med.* 137(2):288–94. PMID:23368874
946. Rahangdale SR, Castillo M, Shockey W (1995). MR in squamous cell carcinoma of the lacrimal sac. *AJNR Am J Neuroradiol.* 16(6):1262–4. PMID:7677021
947. Rahimi-Movaghar V, Karimi M (2003). Meningeal melanocytoma of the brain and

- oculodermal melanocytosis (nevus of Ota): case report and literature review. *Surg Neurol*. 59(3):200–10. PMID:12681556
948. Rahimy E, Coffee RE, McCannel TA (2015). Bilateral diffuse uveal melanocytic proliferation as a precursor to multiple systemic malignancies. *Semin Ophthalmol*. 30(3):206–9. PMID:24124896
949. Rai K, Pilarski R, Cebulla CM, Abdel-Rahman MH (2016). Comprehensive review of BAP1 tumor predisposition syndrome with report of two new cases. *Clin Genet*. 89(3):285–94. PMID:26096145
950. Ramasubramanian A, Shields CL, Harmon SA, Shields JA (2010). Autofluorescence of choroidal hemangioma in 34 consecutive eyes. *Retina*. 30(1):16–22. PMID:19952988
951. Ramos A, Pozo CD, Chinchurreta A, Garcia F, Lorenzo M, Gismero S (2016). Adenoid cystic carcinoma of the lacrimal sac: case report. *Arq Bras Oftalmol*. 79(5):333–5. PMID:27982216
952. Ramstead C, Buffam F, White V (2012). Caruncular alveolar rhabdomyosarcoma in a woman previously treated for breast cancer. *Arch Ophthalmol*. 130(8):1087–8. PMID:22893093
953. Rao NA, Font RL (1976). Mucoepidermoid carcinoma of the conjunctiva: a clinicopathologic study of five cases. *Cancer*. 38(4):1699–709. PMID:991088
954. Rao NA, Hidayat AA, McLean IW, Zimmerman LE (1982). Sebaceous carcinomas of the ocular adnexa: a clinicopathologic study of 104 cases, with five-year follow-up data. *Hum Pathol*. 13(2):113–22. PMID:7076199
955. Rao RC, Elner VM, Demirci H (2015). A red and swollen eyelid. Breast carcinoma metastasis to left lacrimal gland. *JAMA Oncol*. 1(4):537–8. PMID:26181264
956. Rao RS, Patil S, Amrutha N, Sanketh D, Agarwal A (2014). The ambiguous salivary myoepithelial cells. *J Contemp Dent Pract*. 15(4):523–8. PMID:25576124
957. Raparia K, Chang CC, Chévez-Barrios P (2009). Intraocular lymphoma: diagnostic approach and immunophenotypic findings in vitrectomy specimens. *Arch Pathol Lab Med*. 133(8):1233–7. PMID:19653716
958. Rashid A, Jakobiec FA (2014). Avoiding the major complication of ophthalmic pathology: misdiagnosis. A review of three common diagnostic challenges. *Semin Ophthalmol*. 29(5–6):468–74. PMID:25325875
959. Rasmussen P, Ralfkiaer E, Prause JU, Sjö LD, Siersma VD, Heegaard S (2011). Malignant lymphoma of the lacrimal gland: a nation-based study. *Arch Ophthalmol*. 129(10):1275–80. PMID:21987669
960. Rasmussen P, Sjö LD, Prause JU, Ralfkiaer E, Heegaard S (2009). Mantle cell lymphoma in the orbital and adnexal region. *Br J Ophthalmol*. 93(8):1047–51. PMID:19429588
961. Rasmussen PK, Ralfkiaer E, Prause JU, Sjö LD, Specht L, Rossing HH, et al. (2015). Follicular lymphoma of the ocular adnexal region: a nation-based study. *Acta Ophthalmol*. 93(2):184–91. PMID:25125069
962. Rath S, Connors JM, Dolman PJ, Rootman J, Rootman DB, White VA (2014). Comparison of American Joint Committee on Cancer TNM-based staging system (7th edition) and Ann Arbor classification for predicting outcome in ocular adnexal lymphoma. *Orbit*. 33(1):23–8. PMID:24180616
963. Rath S, Honavar SG, Reddy VA, Naik MN, Vemuganti GK, Murthy R (2009). Sebaceous carcinoma of the eyelid metastasizing to the lacrimal sac after 5 years. *Orbit*. 28(5):309–12. PMID:19874127
964. Reddy HS, Keene CD, Chang SH, Jian-Amadi A, Cimino PJ (2017). Immunohistochemical profiling including beta-catenin in conjunctival melanocytic lesions. *Exp Mol Pathol*. 102(2):198–202. PMID:28161440
965. Reddy S, Gorin MB, McCannel TA, Tsui I, Straatsma BR (2010). Novel KRIT1/CCM1 mutation in a patient with retinal cavernous hemangioma and cerebral cavernous malformation. *Graefes Arch Clin Exp Ophthalmol*. 248(9):1359–61. PMID:20306072
966. Reddy SC, Jackson N, Menon BS (2003). Ocular involvement in leukemia—a study of 288 cases. *Ophthalmologica*. 217(6):441–5. PMID:14573980
967. Reddy SC, Quah SH, Low HC, Jackson N (1998). Prognostic significance of retinopathy at presentation in adult acute leukemia. *Ann Hematol*. 76(1):15–8. PMID:9486919
968. Regillo CD, Eagle RC Jr, Shields JA, Shields CL, Arbizio VV (1993). Histopathologic findings in congenital grouped pigmentation of the retina. *Ophthalmology*. 100(3):400–5. PMID:8460012
969. Reis GF, Bloomer MM, Perry A, Phillips JJ, Grenet JP, Karnezis AN, et al. (2013). Pilocytic astrocytomas of the optic nerve and their relation to pilocytic astrocytomas elsewhere in the central nervous system. *Mod Pathol*. 26(10):1279–87. PMID:23702730
970. Reiser BJ, Mok A, Kukes G, Kim JW (2007). Non-AIDS-related Kaposi sarcoma involving the tarsal conjunctiva and eyelid margin. *Arch Ophthalmol*. 125(6):838–40. PMID:17563000
971. Ren M, Zeng JH, Luo QL, Bi F, Chen J (2014). Primary malignant melanoma of lacrimal sac. *Int J Ophthalmol*. 7(6):1069–70. PMID:25540768
972. Rennie IG, Parsons MA, Benson MT (1991). Neurilemma of the caruncle: a clinicopathological report. *Br J Ophthalmol*. 75(12):749–51. PMID:1768668
973. Ricci M, Amadori E, Chiesa F, Bongiovanni A, Liverani C, Fabbri L, et al. (2014). Single bone metastasis from adenocarcinoma of the lacrimal gland: a case report. *Future Oncol*. 10(10):1735–9. PMID:25303054
974. Rickman DS, Bobek MP, Misk DE, Kuick R, Blaivas M, Kurnit DM, et al. (2001). Distinctive molecular profiles of high-grade and low-grade gliomas based on oligonucleotide microarray analysis. *Cancer Res*. 61(18):6885–91. PMID:11559565
975. Riemens A, Bromberg J, Toutout V, Sobolewska B, Missotten T, Baarsma S, et al. (2015). Treatment strategies in primary vitreoretinal lymphoma: a 17-center European collaborative study. *JAMA Ophthalmol*. 133(2):191–7. PMID:25412269
976. Rishi P, Dixit A, Verma A (2015). Bilateral optic disk metastasis from breast carcinoma. *Indian J Ophthalmol*. 63(5):451–2. PMID:26139809
977. Rishi P, Shields CL (2016). Intraleisional and topical interferon therapy following incomplete primary excision of ocular surface squamous neoplasia. *Indian J Ophthalmol*. 64(6):460–1. PMID:27488156
978. Rivolta C, Royer-Bertrand B, Rimoldi D, Schalenbourg A, Zografos L, Leyvraz S, et al. (2016). UV light signature in conjunctival melanoma; not only skin should be protected from solar radiation. *J Hum Genet*. 61(4):361–2. PMID:26657935
979. Robertson AG, Shih J, Yau C, Gibb EA, Oba J, Mungall KL, et al. (2017). Integrative analysis identifies four molecular and clinical subsets in uveal melanoma. *Cancer Cell*. 32(2):204–20.e15. PMID:28810145
980. Robertson DM, Campbell RJ, Salomão DR (2002). Mushroom-shaped choroidal melanocytoma mimicking malignant melanoma. *Arch Ophthalmol*. 120(1):82–5. PMID:11786063
981. Robinson DR, Wu YM, Kalyana-Sundaram S, Cao X, Longiro RJ, Sung YS, et al. (2013). Identification of recurrent NAB2-STAT6 gene fusions in solitary fibrous tumor by integrative sequencing. *Nat Genet*. 45(2):180–5. PMID:23313952
982. Robinson JW, Brownstein S, Jordan DR, Hodge WG (2006). Conjunctival mucoepidermoid carcinoma in a patient with ocular cicatricial pemphigoid and a review of the literature. *Surv Ophthalmol*. 51(5):513–9. PMID:16950250
983. Rockey JH, Donnelly JJ, Stromberg BE, Soulsby EJ (1979). Immunopathology of *Toxocara canis* and *Ascaris suum* infections of the eye: the role of the eosinophil. *Invest Ophthalmol Vis Sci*. 18(11):1172–84. PMID:511459
984. Rodrigues FW, Arruda JT, Silva RE, Moura KK (2008). TP53 gene expression, codon 72 polymorphism and human papillomavirus DNA associated with pterygium. *Genet Mol Res*. 7(4):1251–8. PMID:19065760
985. Rodrigues M, Hidayat A, Karesh J (1988). Pleomorphic adenocarcinoma of ciliary epithelium simulating an epibulbar tumor. *Am J Ophthalmol*. 106(5):595–600. PMID:2461084
986. Rodriguez FJ, Ligon AH, Horkayne-Szakaly I, Rushing EJ, Ligon KL, Vena N, et al. (2012). BRAF duplications and MAPK pathway activation are frequent in gliomas of the optic nerve proper. *J Neuropathol Exp Neurol*. 71(9):789–94. PMID:22892521
987. Rodriguez FJ, Perry A, Gutmann DH, O'Neill BP, Leonard J, Bryant S, et al. (2008). Gliomas in neurofibromatosis type 1: a clinicopathologic study of 100 patients. *J Neuropathol Exp Neurol*. 67(3):240–9. PMID:18344915
988. Rodriguez-Francia P, Sánchez-Tocino H, Garcia-Cantera M, Martin-Castillo J (2005). Optic nerve pilocytic astrocytoma with retinal involvement. *Arch Soc Esp Ophthalmol*. 80(12):733–6. [Spanish] PMID:16372218
989. Rodriguez-Galindo C, Wilson MW, Haik BG, Lipson MJ, Cain A, Merchant TE, et al. (2003). Treatment of metastatic retinoblastoma. *Ophthalmology*. 110(6):1237–40. PMID:12799253
990. Rodriguez-Sains RS (2002). Pigmented conjunctival neoplasms. *Orbit*. 21(3):231–8. PMID:12187419
991. Roh MR, Eliades P, Gupta S, Tsao H (2015). Genetics of melanocytic nevi. *Pigment Cell Melanoma Res*. 28(6):661–72. PMID:26300491
992. Rohrbach JM, Steuhl KP, Thanos S (1991). Monoclonal antibody HMB-45 in diagnosis of intra-ocular melanoma. *Klin Monatsbl Augenheilkd*. 199(4):274–7. [German] PMID:1762354
993. Rollins BJ (2015). Genomic alterations in Langerhans cell histiocytosis. *Hematol Oncol Clin North Am*. 29(5):839–51. PMID:26461146
994. Rolston JD, Han SJ, Cotter JA, El-Sayed IH, Aghi MK (2014). Gangliogliomas of the optic pathway. *J Clin Neurosci*. 21(12):2244–9. PMID:25043166
995. Rosenbaum PS, Kress Y, Slamovits TL, Font RL (1992). Phakomatous choristoma of the eyelid. Immunohistochemical and electron microscopic observations. *Ophthalmology*. 99(12):1779–84. PMID:1282696
996. Rosenbaum PS, Mahadevia PS, Goodman LA, Kress Y (1995). Acinic cell carcinoma of the lacrimal gland. *Arch Ophthalmol*. 113(6):781–5. PMID:7540387
997. Rosenthal AR (1983). Ocular manifestations of leukemia. A review. *Ophthalmology*. 90(8):899–905. PMID:6195573
998. Rosso R, Colombo R, Ricevuti G (1983). Neurilemmoma of the ciliary body: report of a case. *Br J Ophthalmol*. 67(9):585–7. PMID:6882714
999. Rotellini M, Palomba A, Baroni G, Franchi A (2014). Diagnostic utility of PLAG1 immunohistochemical determination in salivary gland tumors. *Appl Immunohistochem Mol Morphol*. 22(5):390–4. PMID:23958548
1000. Roth AM (1978). Solitary keratoacanthoma of the conjunctiva. *Am J Ophthalmol*. 85(5 Pt 1):647–50. PMID:655243
1001. Rubinstein LJ (1988). Pathological features of optic nerve and chiasmatic gliomas. *Neurofibromatosis*. 1(3):152–8. PMID:3152462
1002. Rummelt V, Folberg R, Woolson RF, Hwang T, Pe'er J (1995). Relation between the microcirculation architecture and the aggressive behavior of ciliary body melanomas. *Ophthalmology*. 102(5):844–51. PMID:7777286
1003. Ruppenstein M, Straub BK, Ach T, Völcker HE, Dithmar S (2010). Primary intrastromal iris cysts. *Klin Monatsbl Augenheilkd*. 227(5):425–9. [German] PMID:20490997
1004. Rush JA, Younge BR, Campbell RJ, McCarty CS (1982). Optic glioma. Long-term follow-up of 85 histopathologically verified cases. *Ophthalmology*. 89(11):1213–9. PMID:6818504
1005. Rushlow DE, Mol BM, Kennett JY, Yee S, Pajovic S, Thériault BL, et al. (2013). Characterisation of retinoblastomas without RB1 mutations: genomic, gene expression, and clinical studies. *Lancet Oncol*. 14(4):327–34. PMID:23498719
1006. Rutzen AR, Ortega-Larrocea G, Dugel PU, Chong LP, Lopez PF, Smith RE, et al. (1995). Clinicopathologic study of retinal and choroidal biopsies in intracocular inflammation. *Am J Ophthalmol*. 119(5):597–611. PMID:7733185
1007. Ryan G, Glasson B, Foster A (2012). Benign fibrous histiocytoma of the conjunctiva. *Case Rep Ophthalmol Med*. 2012:786260. PMID:23320226
1008. Ryan SJ, Schachat AP, Wilkinson CP, Hinton DR, Sada SR, Wiedemann P, editors (2012). *Retina*. 5th ed. Philadelphia: Elsevier.
1009. Ryan SJ, Font RL (1973). Primary epithelial neoplasms of the lacrimal sac. *Am J Ophthalmol*. 76(1):73–88. PMID:4352147
1010. Ryan SJ, Zimmerman LE, King FM (1972). Reactive lymphoid hyperplasia. An unusual form of intraocular pseudotumor. *Trans Am Acad Ophthalmol Otolaryngol*. 76(3):652–71. PMID:4126438
1011. Saavedra E, Singh AD, Sears JE, Ratliff NB (2006). Plexiform pigmented schwannoma of the uvea. *Surv Ophthalmol*. 51(2):162–8. PMID:16500216
1012. Sabatini P, Ducic Y (2009). Bilateral lacrimal gland masses: unusual case of metastatic renal cell carcinoma. *J Otolaryngol Head Neck Surg*. 38(1):E1–2. PMID:19344596
1013. Sadegh L, Chen PW, Brown JR, Han Z, Niederkorn JY (2015). NKT cells act through third party bone marrow-derived cells to suppress NK cell activity in the liver and exacerbate hepatic melanoma metastases. *Int J Cancer*. 137(5):1085–94. PMID:25683463
1015. Sadun F, Hinton DR, Sadun AA (1996). Rapid growth of an optic nerve ganglioglioma in a patient with neurofibromatosis 1. *Ophthalmology*. 103(5):794–9. PMID:8637690
1016. Saeed MU, Chang BY, Anand S, Chakrabarty A (2007). Diagnostic surprise in an evisceration specimen. *Orbit*. 26(2):129–31. PMID:17613862
1017. Saegusa M, Takano Y, Hashimura M, Okayasu I, Shiga J (1995). HPV type 16 in conjunctival and junctional papilloma, dysplasia, and squamous cell carcinoma. *J Clin Pathol*. 48(12):1106–10. PMID:8567996
1018. Safneck JR, Napier LB, Halliday WC (1992). Malignant astrocytoma of the optic nerve in a child. *Can J Neurol Sci*. 19(4):498–503. PMID:1330262
1019. Sagoo MS, Mruthyunjaya P, Cree I,

- Luthert PJ, Hungerford JL (2007). Malignant transformation of iris melanocytoma to iris ring melanoma. *Br J Ophthalmol*. 91(11):1571–2. PMID:17947283
1020. Sahm F, Jakobić FA, Meyer J, Schrimpf D, Eberhart CG, Hovestadt V, et al. (2016). Somatic mutations of DICER1 and KMT2D are frequent in intraocular medulloepitheliomas. *Genes Chromosomes Cancer*. 55(5):418–27. PMID:26841698
1021. Sakaida H, Kobayashi M, Yuta A, Imanishi Y, Majima Y (2009). Squamous cell carcinoma of the nasolacrimal duct. *Eur Arch Otorhinolaryngol*. 266(3):455–8. PMID:18488243
1022. Salero E, Blenkinsop TA, Corneo B, Harris A, Rabin D, Stern JH, et al. (2012). Adult human RPE can be activated into a multipotent stem cell that produces mesenchymal derivatives. *Cell Stem Cell*. 10(1):88–95. PMID:22226358
1023. Sali PA, Yadav KS, Bushan K, Rajpurohit V, Varty PP, Sharma S (2016). A rare case of lacrimal adenoid cystic carcinoma with large hepatic and multiple pulmonary metastases with successful surgical treatment. *Int J Surg Case Rep*. 20:151–4. PMID:26866882
1024. Salib RJ, Afoakwah EO (2003). De novo papillary squamous carcinoma of the lacrimal sac. *Auris Nasus Larynx*. 30(2):205–8. PMID:12753996
1025. Salour H, Hatami MM, Parvin M, Ferdowsi AA, Abrishami M, Bagheri A, et al. (2010). Clinicopathological study of lacrimal sac specimens obtained during DCR. *Orbit*. 29(5):250–3. PMID:20812824
1026. Salvano P, Utheim TP, Moe MC, Eide N, Bragadóttir R (2015). Autofluorescence imaging in the differential diagnosis of optic disc melanocytoma. *Acta Ophthalmol*. 93(5):476–80. PMID:25923254
1027. Samara WA, Khoo CT, Magrath G, Shields CL (2015). Multimodal imaging for detection of clinically inapparent diffuse iris juvenile xanthogranuloma. *J Pediatr Ophthalmol Strabismus*. 52 Online:e30–3. PMID:25992541
1028. Samara WA, Khoo CT, Say EA, Saktanasate J, Eagle RC Jr, Shields JA, et al. (2015). Juvenile xanthogranuloma involving the eye and ocular adnexa: tumor control, visual outcomes, and globe salvage in 30 patients. *Ophthalmology*. 122(10):2130–8. PMID:26189188
1029. Sandboe FD, Eljio K, Eide N, Medin W, Scott H (1994). An intraocular paraganglioma? *Acta Ophthalmol (Copenh)*. 72(1):138–41. PMID:8017189
1030. Sandell RF, Carter JM, Folpe AL (2015). Solitary (juvenile) xanthogranuloma: a comprehensive immunohistochemical study emphasizing recently developed markers of histiocytic lineage. *Hum Pathol*. 46(9):1390–7. PMID:26220162
1031. Sangwan VS, Sridhar MS, Vemuganti GK (2003). Treatment of complex choristoma by excision and amniotic membrane transplantation. *Arch Ophthalmol*. 121(2):278–80. PMID:12583800
1032. Saornil MA, Egan KM, Gragoudas ES, Seddon JM, Walsh SM, Albert DM (1992). Histopathology of proton beam-irradiated vs enucleated uveal melanomas. *Arch Ophthalmol*. 110(8):1112–8. PMID:1323252
1033. Sarafzadeh S, Corrêa ZM, Dhamija A, Augsburger JJ, Trichopoulos N (2010). Intraocular lymphoma diagnosed by fine-needle aspiration biopsy. *Acta Ophthalmol*. 88(6):705–10. PMID:19604155
1034. Sasco AJ, Jaquet A, Boidin E, Ekouevi DK, Thouillot F, Lemabec T, et al. (2010). The challenge of AIDS-related malignancies in sub-Saharan Africa. *PLoS One*. 5(1):e8621. PMID:20066157
1035. Sastre X, Chantada GL, Doz F, Wilson MW, de Davila MT, Rodríguez-Galindo C, et al. (2009). Proceedings of the consensus meetings from the International Retinoblastoma Staging Working Group on the pathology guidelines for the examination of enucleated eyes and evaluation of prognostic risk factors in retinoblastoma. *Arch Pathol Lab Med*. 133(8):1199–202. PMID:19653709
1036. Satchi K, McKelvie P, McNab AA (2015). Malignant melanoma of the lacrimal drainage apparatus complicating conjunctival melanoma. *Ophthalmol Plast Reconstr Surg*. 31(3):207–10. PMID:25126770
1037. Saunders T, Margo CE (2012). Intraocular medulloepithelioma. *Arch Pathol Lab Med*. 136(2):212–6. PMID:22288972
1038. Savagner F, Franc B, Guyétant S, Rodien P, Reynier P, Malthiery Y (2001). Defective mitochondrial ATP synthesis in oxyphilic thyroid tumors. *J Clin Endocrinol Metab*. 86(10):4920–5. PMID:11600563
1039. Schachat AP, Shields JA, Fine SL, Sanborn GE, Weingeist TA, Valenzuela RE, et al. (1984). Combined hamartomas of the retina and retinal pigment epithelium. *Ophthalmology*. 91(12):1609–15. PMID:6521994
1040. Schalenbourg A, Coupland S, Kacperek A, Damato B (2008). Iridocyclotomy for neovascular glaucoma caused by proton-beam radiotherapy of pigmented ciliary adenocarcinoma. *Graefes Arch Clin Exp Ophthalmol*. 246(10):1499–501. PMID:18581131
1041. Schalenbourg A, Moulin A, Guillou L, Zografos L (2011). Metastatic choroidal paraganglioma. *Ophthalmology*. 118(11):2238–41. PMID:21906814
1042. Scheffler AC, Abramson DH (2008). Retinoblastoma: what is new in 2007–2008. *Curr Opin Ophthalmol*. 19(6):526–34. PMID:18854698
1043. Scheithauer BW, Silva AI, Ketterling RP, Pula JH, Lininger JF, Krinock MJ (2009). Rosette-forming glioneuronal tumor: report of a chiasmal-optic nerve example in neurofibromatosis type 1: special pathology report. *Neurosurgery*. 64(4):E771–2. PMID:19349806
1044. Schellini SA, Marques ME, Milanezi MF, Bacchi CE (1997). Conjunctival keratoacanthoma. *Acta Ophthalmol Scand*. 75(3):335–7. PMID:9253992
1045. Scheuermann JC, de Ayala Alonso AG, Oktaba K, Ly-Hartig N, McGinty RK, Fraterman S, et al. (2010). Histone H2A deubiquitinase activity of the Polycomb repressive complex PR-DUB. *Nature*. 465(7295):243–7. PMID:20436459
1046. Schlesinger T, Appukuttan B, Hwang T, Atchaneeyakul LO, Chan CC, Zhuang Z, et al. (2007). Internal en bloc resection and genetic analysis of retinal capillary hemangioblastoma. *Arch Ophthalmol*. 125(9):1189–93. PMID:17846357
1047. Schmitz EJ, Herwig-Carl MC, Holz FG, Loeffler KU (2017). Sebaceous gland carcinoma of the ocular adnexa - variability in clinical and histological appearance with analysis of immunohistochemical staining patterns. *Graefes Arch Clin Exp Ophthalmol*. 255(11):2277–85. PMID:28741159
1048. Scholz SL, Möller I, Reis H, Süßkind D, van de Nes JAP, Leonardelli S, et al. (2017). Frequent GNAQ, GNA11, and EIF1AX mutations in iris melanoma. *Invest Ophthalmol Vis Sci*. 58(9):3464–70. PMID:28700778
1049. Scholz SL, Thomasen H, Reis H, Möller I, Darawsha R, Müller B, et al. (2015). Frequent TERT promoter mutations in ocular surface squamous neoplasia. *Invest Ophthalmol Vis Sci*. 56(10):5854–61. PMID:26348634
1050. Schroeder B, Hesse L, Brück W, Gal A (1997). Histopathological and immunohistochemical findings associated with a null mutation in the Norrie disease gene. *Ophthalmic Genet*. 18(2):71–7. PMID:9228243
1051. Schwab C, Mayer C, Zalaudek I, Riedl R, Richtig M, Wackernagel W, et al. (2017). Iris freckles a potential biomarker for chronic sun damage. *Invest Ophthalmol Vis Sci*. 58(6):BIO174–9. PMID:28715582
1052. Schwab C, Wackernagel W, Grinniger P, Mayer C, Schwab K, Langmann G, et al. (2016). A unifying concept of uveal pigment cell distribution and dissemination based on an animal model: insights into ocular melanogenesis. *Cells Tissues Organs*. 201(3):232–8. PMID:27002320
1053. Schwab C, Zalaudek I, Mayer C, Riedl R, Wackernagel W, Juch H, et al. (2015). New insights into oculo-dermal neovascularization and proposal for a new iris nevus classification. *Br J Ophthalmol*. 99(5):644–9. PMID:25359901
1054. Schweizer L, Koelsche C, Sahm F, Piro RM, Capper D, Reuss DE, et al. (2013). Meningeal hemangiopericytoma and solitary fibrous tumors carry the NAB2-STAT6 fusion and can be diagnosed by nuclear expression of STAT6 protein. *Acta Neuropathol*. 125(5):651–8. PMID:23575898
1055. Schwent BJ, Wojno TH, Grossniklaus HE (2007). Hemangiopericytoma of the optic nerve sheath. *Am J Ophthalmol*. 143(5):904–6. PMID:17452190
1056. Searl SS, Krigstein HJ, Albert DM, Grove AS Jr (1982). Invasive squamous cell carcinoma with intraocular mucopidermoid features. Conjunctival carcinoma with intraocular invasion and diphasic morphology. *Arch Ophthalmol*. 100(1):109–11. PMID:7055460
1057. Seca M, Borges P, Reimão P, Gomes M, Meireles A (2012). Conjunctival lymphangioma: a case report and brief review of the literature. *Case Rep Ophthalmol Med*. 2012:836573. PMID:22666617
1058. Seddon JM, Gragoudas ES, Glynn RJ, Egan KM, Albert DM, Blitzer PH (1990). Host factors, UV radiation, and risk of uveal melanoma. A case-control study. *Arch Ophthalmol*. 108(9):1274–80. PMID:2400347
1059. Seethala RR (2017). Salivary gland tumors: current concepts and controversies. *Surg Pathol Clin*. 10(1):155–76. PMID:28153132
1060. Seethala RR, Barnes EL (2011). Rare malignant and benign salivary gland epithelial tumors. *Surg Pathol Clin*. 4(4):1217–72. PMID:26837791
1061. Seethala RR, Griffith CC (2016). Molecular pathology: predictive, prognostic, and diagnostic markers in salivary gland tumors. *Surg Pathol Clin*. 9(3):339–52. PMID:27523965
1062. Seethala RR, Stenman G (2017). Update from the 4th edition of the World Health Organization classification of head and neck tumours: tumors of the salivary gland. *Head Neck Pathol*. 11(1):55–67. PMID:28247227
1063. Seregard S (1999). Phakomatous choristoma may be located in the eyelid or orbit or both. *Acta Ophthalmol Scand*. 77(3):343–6. PMID:10406159
1064. Seregard S, Kock E (1992). Conjunctival malignant melanoma in Sweden 1969–91. *Acta Ophthalmol (Copenh)*. 70(3):289–96. PMID:1636385
1065. Shah SU, Mashayekhi A, Shields CL, Walla HS, Hubbard GB 3rd, Zhang J, et al. (2014). Uveal metastasis from lung cancer: clinical features, treatment, and outcome in 194 patients. *Ophthalmology*. 121(1):352–7. PMID:23988200
1066. Shammass HF, Blodi FC (1977). Orbital extension of choroidal and ciliary body melanomas. *Arch Ophthalmol*. 95(11):2002–5. PMID:921579
1067. Shao L, Newell B, Quintanilla N (2007). Atypical fibroxanthoma and squamous cell carcinoma of the conjunctiva in xeroderma pigmentosum. *Pediatr Dev Pathol*. 10(2):149–52. PMID:17378688
1068. Shapely J, Sabin HI, Danesh-Meyer H, Kaye AH (2013). Diagnosis and management of optic nerve sheath meningiomas. *J Clin Neurosci*. 20(8):1045–56. PMID:23809100
1069. Sharara NA, Alexander RA, Luthert PJ, Hungerford JL, Cree IA (2001). Differential immunoreactivity of melanocytic lesions of the conjunctiva. *Histopathology*. 39(4):425–31. PMID:11683945
1070. Sharma N, O'Hagan S, Phillips G (2016). Conjunctival myxoma - atypical presentation of a rare tumour: case report and review of literature. *BMC Ophthalmol*. 16:154. PMID:27177589
1071. Sharma P, Shields CL, Turaka K, Eagle RC Jr, Shields JA (2011). Ciliary body medulloepithelioma with neoplastic cyclitic membrane imaging with fluorescein angiography and ultrasound biomicroscopy. *Graefes Arch Clin Exp Ophthalmol*. 249(8):1259–61. PMID:21505878
1072. Sharma T, Grewal J, Gupta S, Murthy PI (2004). Ophthalmic manifestations of acute leukaemias: the ophthalmologist's role. *Eye (Lond)*. 18(7):663–72. PMID:15002029
1073. Sharma V, Finger PT, Sidoti PA, Semenova E, Iacob CE (2016). Rapidly growing iris melanocytoma with secondary glaucoma in a 6-year-old child. *Eur J Ophthalmol*. 26(4):571–3. PMID:26692065
1074. Shehri M, Bouhenni R, Ghazi NG, Abu Safieh L, Edward DP (2014). Retinal reactive astrocytic tumor: gene expression profiling. *JAMA Ophthalmol*. 132(6):773–6. PMID:24921169
1075. Shenoy SB, Karam T, Udupa K, Nayak G (2016). Leukaemic infiltration of the optic nerve head: a rare site of initial relapse. *BMJ Case Rep*. 2016. PMID:27797802
1076. Shields CL, Alset AE, Boal NS, Casey MG, Knapp AN, Sugarman JA, et al. (2017). Conjunctival tumors in 5002 cases. Comparative analysis of benign versus malignant counterparts. The 2016 James D. Allen Lecture. *Arch Ophthalmol*. 135:106–33. PMID:27725146
1077. Shields CL, Arepalli S, Atalay HT, Penczy SR, Fulco E, Shields JA (2015). Choroidal osteoma shows bone lamella and vascular channels on enhanced depth imaging optical coherence tomography in 15 eyes. *Retina*. 35(4):750–7. PMID:25296127
1078. Shields CL, Benevides R, Mazon MA, Shields JA (2006). Optical coherence tomography of retinal astrocytic hamartomas in 15 cases. *Ophthalmology*. 113(9):1559–7. PMID:16949441
1079. Shields CL, Chien JL, Surakiatchanakul T, Sioufi K, Lally SE, Shields JA (2017). Conjunctival tumors: review of clinical features, risks, biomarkers, and outcomes—the 2017 J. Donald M. Gass Lecture. *Asia Pac J Ophthalmol (Phila)*. 6(2):109–20. PMID:28399347
1080. Shields CL, Demirci H, Karatza E, Shields JA (2004). Clinical survey of 1643 melanocytic and nonmelanocytic conjunctival tumors. *Ophthalmology*. 111(9):1747–54. PMID:15350002
1081. Shields CL, Douglass AM, Beggiani M, Say EA, Shields JA (2016). Intravitreal chemotherapy for active vitreous seeding from retinoblastoma: outcomes after 192 consecutive injections. The 2015 Howard Nagin Lecture. *Retina*. 36(6):1184–90. PMID:26532016
1082. Shields CL, Fasiuddin AF, Mashayekhi A, Shields JA (2004). Conjunctival nevus: clinical features and natural course in 410 consecutive patients. *Arch Ophthalmol*. 122(2):167–75. PMID:14769591
1083. Shields CL, Furuta M, Mashayekhi A

- Berman EL, Zahler JD, Hoberman DM, et al. (2008). Clinical spectrum of choroidal nevi based on age at presentation in 3422 consecutive eyes. *Ophthalmology*. 115(3):546–52.e2. PMID:18067966
- 1084.** Shields CL, Furuta M, Thangappan A, Nagori S, Mashayekhi A, Lally DR, et al. (2009). Metastasis of uveal melanoma millimeter-by-millimeter in 8033 consecutive eyes. *Arch Ophthalmol*. 127(8):989–98. PMID:19667335
- 1085.** Shields CL, Hasanreisoglu M, Saktanatsate J, Shields PW, Seibel I, Shields JA (2015). Sclerochoroidal calcification: clinical features, outcomes, and relationship with hypercalcemia and parathyroid adenoma in 179 eyes. *Retina*. 35(3):547–54. PMID:25574788
- 1086.** Shields CL, Hogarty MD, Kligman BE, Christian C, Ehyia H, Shields JA (2010). Langerhans cell histiocytosis of the uvea with neovascular glaucoma: diagnosis by fine-needle aspiration biopsy and management with intraocular bevacizumab and brachytherapy. *J AAPOS*. 14(6):534–7. PMID:21168078
- 1087.** Shields CL, Honavar SG, Shields JA, Cater J, Demirci H (2001). Circumscribed choroidal hemangioma: clinical manifestations and factors predictive of visual outcome in 200 consecutive cases. *Ophthalmology*. 108(12):2237–48. PMID:11733265
- 1088.** Shields CL, Kaliki S, Arepalli S, Atalay HT, Manjandavida FP, Pieretti G, et al. (2013). Uveal melanoma in children and teenagers. *Saudi J Ophthalmol*. 27(3):197–201. PMID:24227986
- 1089.** Shields CL, Kaliki S, Furuta M, Mashayekhi A, Shields JA (2012). Clinical spectrum and prognosis of uveal melanoma based on age at presentation in 8,033 cases. *Retina*. 32(7):1363–72. PMID:22466491
- 1090.** Shields CL, Kaliki S, Hutchinson S, Nickerson S, Patel J, Kancherla S, et al. (2013). Iris nevus growth into melanoma: analysis of 1611 consecutive eyes: the ABCDEF guide. *Ophthalmology*. 120(4):766–72. PMID:23290981
- 1091.** Shields CL, Kaliki S, Livesey M, Walker B, Garoon R, Bucci M, et al. (2013). Association of ocular and oculodermal melanocytosis with the rate of uveal melanoma metastasis: analysis of 7872 consecutive eyes. *JAMA Ophthalmol*. 131(8):993–1003. PMID:23681424
- 1092.** Shields CL, Kancherla S, Patel J, Vijayvargiya P, Suriano MM, Kolbus E, et al. (2012). Clinical survey of 3680 iris tumors based on patient age at presentation. *Ophthalmology*. 119(2):407–14. PMID:22035581
- 1093.** Shields CL, Kels JG, Shields JA (2015). Melanoma of the eye: revealing hidden secrets, one at a time. *Clin Dermatol*. 33(2):183–96. PMID:25704938
- 1094.** Shields CL, Manalac J, Das C, Ferguson K, Shields JA (2014). Choroidal melanoma: clinical features, classification, and top 10 pseudomelanomas. *Curr Opin Ophthalmol*. 25(3):177–85. PMID:24614143
- 1095.** Shields CL, Manjandavida A, Subbiah R, Eagle RC Jr, Shields JA (2008). Pigmented squamous cell carcinoma in situ of the conjunctiva in 5 cases. *Ophthalmology*. 115(10):1673–8. PMID:18378314
- 1096.** Shields CL, Markowitz JS, Belinsky I, Schwartzstein H, George NS, Lally SE, et al. (2011). Conjunctival melanoma: outcomes based on tumor origin in 382 consecutive cases. *Ophthalmology*. 118(2):389–95.e1–2. PMID:20723990
- 1097.** Shields CL, Mashayekhi A, Cater J, Shelli A, Meadows AT, Shields JA (2004). Chemoreduction for retinoblastoma: analysis of tumor control and risks for recurrence in 457 tumors. *Trans Am Ophthalmol Soc*. 102:35–45. PMID:15747743
- 1098.** Shields CL, Mashayekhi A, Ho T, Cater J, Shields JA (2003). Solitary congenital hypertrophy of the retinal pigment epithelium: clinical features and frequency of enlargement in 330 patients. *Ophthalmology*. 110(10):1968–76. PMID:14522773
- 1099.** Shields CL, Materin MA, Walker C, Marr BP, Shields JA (2006). Photoreceptor loss overlying congenital hypertrophy of the retinal pigment epithelium by optical coherence tomography. *Ophthalmology*. 113(4):661–5. PMID:16581426
- 1100.** Shields CL, McMahon JF, Atalay HT, Hasanreisoglu M, Shields JA (2014). Retinal metastasis from systemic cancer in 8 cases. *JAMA Ophthalmol*. 132(11):1303–8. PMID:25033168
- 1101.** Shields CL, Pellegrini M, Ferenczy SR, Shields JA (2014). Enhanced depth imaging optical coherence tomography of intraocular tumors: from placid to seascick to rock and rolling topography—the 2013 Francesco Orzalesi Lecture. *Retina*. 34(8):1495–512. PMID:25014847
- 1102.** Shields CL, Perez B, Benavides R, Materin MA, Shields JA (2008). Optical coherence tomography of optic disk melanocytoma in 15 cases. *Retina*. 28(3):441–6. PMID:18327136
- 1103.** Shields CL, Pirondini C, Bianciotto C, Harmon SA, Shields JA (2007). Autofluorescence of congenital hypertrophy of the retinal pigment epithelium. *Retina*. 27(8):1097–100. PMID:18040252
- 1104.** Shields CL, Qureshi A, Eagle RC Jr, Lally SE, Shields JA (2012). Epibulbar osseous choristoma in 8 patients. *Cornea*. 31(7):756–60. PMID:22516954
- 1105.** Shields CL, Ramasubramanian A, Ganguly A, Mohan D, Shields JA (2011). Cytogenetic testing of iris melanoma using fine needle aspiration biopsy in 17 patients. *Retina*. 31(3):574–80. PMID:21336070
- 1106.** Shields CL, Ramasubramanian A, Rosenwasser R, Shields JA (2009). Superselective catheterization of the ophthalmic artery for intraarterial chemotherapy for retinoblastoma. *Retina*. 29(8):1207–9. PMID:19734768
- 1107.** Shields CL, Schoenberg E, Kocher K, Shukla SY, Kaliki S, Shields JA (2013). Lesions simulating retinoblastoma (pseudoretinoblastoma) in 604 cases: results based on age at presentation. *Ophthalmology*. 120(2):311–6. PMID:23107579
- 1108.** Shields CL, Shields JA (2004). Tumors of the conjunctiva and cornea. *Surv Ophthalmol*. 49(1):3–24. PMID:14711437
- 1109.** Shields CL, Shields JA (2015). Ocular surface squamous neoplasia: from blue skies to blue dyes—we still need our ophthalmic pathologists. *JAMA Ophthalmol*. 133(11):1321–2. PMID:26378883
- 1110.** Shields CL, Shields JA, Augsburger JJ (1988). Choroidal osteoma. *Surv Ophthalmol*. 33(1):17–27. PMID:3051466
- 1111.** Shields CL, Shields JA, Barrett J, De Potter P (1995). Vasoproliferative tumors of the ocular fundus. Classification and clinical manifestations in 103 patients. *Arch Ophthalmol*. 113(5):615–23. PMID:7748132
- 1112.** Shields CL, Shields JA, De Potter P, Minelli S, Hernandez C, Brady LW, et al. (1993). Plaque radiotherapy in the management of retinoblastoma. Use as a primary and secondary treatment. *Ophthalmology*. 100(2):216–24. PMID:8437830
- 1113.** Shields CL, Shields JA, Gross NE, Schwartz GP, Lally SE (1997). Survey of 520 eyes with uveal metastases. *Ophthalmology*. 104(8):1265–76. PMID:9261313
- 1114.** Shields CL, Shields JA, Honavar SG, Demirci H (2001). Clinical spectrum of primary ophthalmic rhabdomyosarcoma. *Ophthalmology*. 108(12):2284–92. PMID:11733272
- 1115.** Shields CL, Shields JA, Marr BP, Sperber DE, Gass JD (2003). Congenital simple hamartoma of the retinal pigment epithelium: a study of five cases. *Ophthalmology*. 110(5):1005–11. PMID:12750104
- 1116.** Shields CL, Shields JA, Materin M, Gershenbaum E, Singh AD, Smith A (2001). Iris melanoma: risk factors for metastasis in 169 consecutive patients. *Ophthalmology*. 108(1):172–8. PMID:11150284
- 1117.** Shields CL, Shields JA, Shields MB, Augsburger JJ (1987). Prevalence and mechanisms of secondary intraocular pressure elevation in eyes with intraocular tumors. *Ophthalmology*. 94(7):839–46. PMID:3658352
- 1118.** Shields CL, Shields JA, White D, Augsburger JJ (1986). Types and frequency of lesions of the caruncle. *Am J Ophthalmol*. 102(6):771–8. PMID:3789057
- 1119.** Shields CL, Sioufi K, Alset AE, Boal NS, Casey MG, Knapp AN, et al. (2017). Clinical features differentiating benign from malignant conjunctival tumors in children. *JAMA Ophthalmol*. 135(3):215–24. PMID:28125759
- 1120.** Shields CL, Sun H, Demirci H, Shields JA (2005). Factors predictive of tumor growth, tumor decalcification, choroidal neovascularization, and visual outcome in 74 eyes with choroidal osteoma. *Arch Ophthalmol*. 123(12):1658–66. PMID:16344436
- 1121.** Shields CL, Zahler J, Falk N, Furuta M, Eagle RC Jr, Espinosa LE, et al. (2007). Neovascular glaucoma from advanced Coats disease as the initial manifestation of facioscapulohumeral dystrophy in a 2-year-old child. *Arch Ophthalmol*. 125(6):840–2. PMID:17563001
- 1122.** Shields JA (1984). Ocular toxocariasis. A review. *Surv Ophthalmol*. 28(5):361–81. PMID:6719335
- 1123.** Shields JA (2006). Photodynamic therapy for choroidal hemangioma. *Graefes Arch Clin Exp Ophthalmol*. 244(9):1071–2. PMID:16506073
- 1124.** Shields JA, Decker WL, Sanborn GE, Augsburger JJ, Goldberg RE (1983). Presumed acquired retinal hemangiomas. *Ophthalmology*. 90(11):1292–300. PMID:6646468
- 1125.** Shields JA, Demirci H, Marr BP, Eagle RC Jr, Shields CL (2005). Sebaceous carcinoma of the ocular region: a review. *Surv Ophthalmol*. 50(2):103–22. PMID:15749305
- 1126.** Shields JA, Demirci H, Mashayekhi A, Eagle RC Jr, Shields CL (2006). Melanocytoma of the optic disc: a review. *Surv Ophthalmol*. 51(2):93–104. PMID:16500211
- 1127.** Shields JA, Demirci H, Mashayekhi A, Shields CL (2004). Melanocytoma of optic disc in 115 cases: the 2004 Samuel Johnson Memorial Lecture, part 1. *Ophthalmology*. 111(9):1739–46. PMID:15350331
- 1128.** Shields JA, Eagle RC Jr, Dutton J, Ehyia H, Shields CL (2014). Adenocarcinoma of the retinal pigment epithelium: clinicopathologic correlation with paradoxical immunohistochemical findings. *JAMA Ophthalmol*. 132(10):1249–52. PMID:24993572
- 1129.** Shields JA, Eagle RC Jr, Ferguson K, Shields CL (2015). Tumours of the nonpigmented epithelium of the ciliary body: the Lorenz E. Zimmerman Tribute Lecture. *Retina*. 35(5):957–65. PMID:25545484
- 1130.** Shields JA, Eagle RC, Marr BP, Shields CL, Grossniklaus HE, Stulting RD (2007). Invasive spindle cell carcinoma of the conjunctiva managed by full-thickness eye wall resection. *Cornea*. 26(8):1014–6. PMID:17721310
- 1131.** Shields JA, Eagle RC Jr, Shields CL (1999). Adenoma of nonpigmented ciliary epithelium with smooth muscle differentiation. *Arch Ophthalmol*. 117(1):117–9. PMID:9930173
- 1132.** Shields JA, Eagle RC Jr, Shields CL, Brown GC, Lally SE (2009). Malignant transformation of congenital hypertrophy of the retinal pigment epithelium. *Ophthalmology*. 116(11):2213–6. PMID:19744732
- 1133.** Shields JA, Eagle RC Jr, Shields CL, De Potter P (1996). Acquired neoplasms of the nonpigmented ciliary epithelium (adenoma and adenocarcinoma). *Ophthalmology*. 103(12):2007–16. PMID:9003334
- 1134.** Shields JA, Eagle RC Jr, Shields CL, De Potter P, Poliak JG (1995). Natural course and histopathologic findings of lacrimal gland choristoma of the iris and ciliary body. *Am J Ophthalmol*. 119(2):219–24. PMID:7832229
- 1135.** Shields JA, Eagle RC Jr, Shields CL, Marr BP (2005). Aggressive retinal astrocytomas in 4 patients with tuberous sclerosis complex. *Arch Ophthalmol*. 123(6):856–63. PMID:15955990
- 1136.** Shields JA, Eagle RC Jr, Shields CL, Potter PD (1996). Congenital neoplasms of the nonpigmented ciliary epithelium (medulloepithelioma). *Ophthalmology*. 103(12):1998–2006. PMID:9003333
- 1137.** Shields JA, Eagle RC Jr, Shields CL, Singh AD, Robitaille J (2002). Pigmented medulloepithelioma of the ciliary body. *Arch Ophthalmol*. 120(2):207–10. PMID:11831926
- 1138.** Shields JA, Eagle RC Jr, Shields CL, Singh AD, Torrisi PF (2001). Clinicopathologic reports, case reports, and small case series: progressive growth of benign adenoma of the pigment epithelium of the ciliary body. *Arch Ophthalmol*. 119(12):1859–61. PMID:11735805
- 1139.** Shields JA, Font RL, Eagle RC Jr, Shields CL, Gass JD (1994). Melanotic schwannoma of the choroid. Immunohistochemistry and electron microscopic observations. *Ophthalmology*. 101(5):843–9. PMID:8190469
- 1140.** Shields JA, Hogan RN, Shields CL, Eagle RC Jr, Weakley DR Jr (2000). Intraocular lacrimal gland choristoma involving iris and ciliary body. *Am J Ophthalmol*. 129(5):673–5. PMID:10844067
- 1141.** Shields JA, Kligman BE, Mashayekhi A, Shields CL (2011). Acquired sessile hemangioma of the conjunctiva: a report of 10 cases. *Am J Ophthalmol*. 152(1):55–59.e1. PMID:21529766
- 1142.** Shields JA, Magrath GN, Shields C, Mackool R, Eagle RC Jr, Grossniklaus HE (2016). Dissecting aortic aneurysm 55 years after diagnosis of iris flocculi. *Ocul Oncol Pathol*. 2(4):222–5. PMID:27843899
- 1143.** Shields JA, Mashayekhi A, Kligman BE, Kunz WB, Criss J, Eagle RC Jr, et al. (2011). Vascular tumors of the conjunctiva in 140 cases. *Ophthalmology*. 118(9):1747–53. PMID:21788081
- 1144.** Shields JA, Mashayekhi A, Ra S, Shields CL (2005). Pseudomelanomas of the posterior uveal tract: the 2006 Taylor R. Smith Lecture. *Retina*. 25(6):767–71. PMID:16141866
- 1145.** Shields JA, Sanborn GE, Augsburger JJ (1983). The differential diagnosis of malignant melanoma of the iris. A clinical study of 200 patients. *Ophthalmology*. 90(6):716–20. PMID:6888862
- 1146.** Shields JA, Sanborn GE, Kurz GH, Augsburger JJ (1981). Benign peripheral nerve tumor of the choroid: a clinicopathologic correlation and review of the literature. *Ophthalmology*. 88(12):1322–9. PMID:7322483
- 1147.** Shields JA, Shields CL (2001). Differentiation of Coats' disease and retinoblastoma. *J Pediatr Ophthalmol Strabismus*. 38(5):262–6. PMID:11587173
- 1148.** Shields JA, Shields CL (2002). Review: Coats disease. The 2001 LuEsther T. Mertz Lecture. *Retina*. 22(1):80–91. PMID:11884883
- 1149.** Shields JA, Shields CL (2009). Glial tumors of the retina. The 2009 King Khaled Memorial Lecture. *Saudi J Ophthalmol*. 23(3–4):197–201. PMID:23960860
- 1150.** Shields JA, Shields CL (2009).

- Sebaceous adenocarcinoma of the eyelid. *Int Ophthalmol Clin*. 49(4):45–61. PMID:20348857
- 1151.** Shields JA, Shields CL, editors (2015). *Eyelid, conjunctival, and orbital tumors: an atlas and textbook*. 3rd ed. Philadelphia: Wolters Kluwer.
- 1152.** Shields JA, Shields CL (2017). Cysts of the iris pigment epithelium. What is new and interesting? The 2016 Jose Rizal International Medal Lecture. *Asia Pac J Ophthalmol (Phila)*. 6(1):64–9. PMID:28161919
- 1153.** Shields JA, Shields CL (2017). Tumors and related lesions of the pigmented epithelium. *Asia Pac J Ophthalmol (Phila)*. 6(2):215–23. PMID:28399346
- 1154.** Shields JA, Shields CL, Brotman HK, Carvalho C, Perez N, Eagle RC Jr (2001). Cancer metastatic to the orbit: the 2000 Robert M. Curtis Lecture. *Ophthalmol Plast Reconstr Surg*. 17(5):346–54. PMID:11642491
- 1155.** Shields JA, Shields CL, Eagle RC Jr (2007). Melanocytoma (hyperpigmented magnocellular nevus) of the uveal tract: the 34th G. Victor Simpson Lecture. *Retina*. 27(6):730–9. PMID:17621182
- 1156.** Shields JA, Shields CL, Eagle RC Jr, Arevalo JF, DePotter P (1997). Ocular manifestations of the organoid nevus syndrome. *Ophthalmology*. 104(3):549–57. PMID:9082288
- 1157.** Shields JA, Shields CL, Eagle RC Jr, De Potter P (1994). Observations on seven cases of intraocular leiomyoma. The 1993 Byron Demorest Lecture. *Arch Ophthalmol*. 112(4):521–8. PMID:8155052
- 1158.** Shields JA, Shields CL, Eagle RC Jr, Friedman ES, Wheatley HM (2009). Age-related hyperplasia of the nonpigmented ciliary body epithelium (Fuchs adenoma) simulating a ciliary body malignant neoplasm. *Arch Ophthalmol*. 127(9):1224–5. PMID:19752438
- 1159.** Shields JA, Shields CL, Eagle RC Jr, Singh AD (2001). Adenocarcinoma arising from congenital hypertrophy of retinal pigment epithelium. *Arch Ophthalmol*. 119(4):597–602. PMID:11296028
- 1160.** Shields JA, Shields CL, Eagle RC Jr, Singh AD, Armstrong T (2001). Metastatic renal cell carcinoma to the palpebral lobe of the lacrimal gland. *Ophthalmol Plast Reconstr Surg*. 17(3):191–4. PMID:11388385
- 1161.** Shields JA, Shields CL, Gündüz K, Eagle RC Jr (1999). Neoplasms of the retinal pigment epithelium: the 1998 Albert Ruedemann, Sr, Memorial Lecture, Part 2. *Arch Ophthalmol*. 117(5):601–8. PMID:10326956
- 1162.** Shields JA, Shields CL, Lois N, Mercado G (1999). Iris cysts in children: classification, incidence, and management. The 1998 Torrence A Makley Jr Lecture. *Br J Ophthalmol*. 83(3):334–8. PMID:10365043
- 1163.** Shields JA, Shields CL, Mashayekhi A, Marr BP, Benavides R, Thangappan A, et al. (2008). Primary acquired melanosis of the conjunctiva: risks for progression to melanoma in 311 eyes. The 2006 Lorenz E. Zimmerman Lecture. *Ophthalmology*. 115(3):511–9.e2. PMID:17884168
- 1164.** Shields JA, Shields CL, Shah PG, Pastore DJ, Imperiale SM Jr (1992). Lack of association among typical congenital hypertrophy of the retinal pigment epithelium, adenomatous polyposis, and Gardner syndrome. *Ophthalmology*. 99(11):1709–13. PMID:1333580
- 1165.** Shields JA, Shields CL, Singh AD (2000). Acquired tumors arising from congenital hypertrophy of the retinal pigment epithelium. *Arch Ophthalmol*. 118(5):637–41. PMID:10815155
- 1166.** Shields JA, Shields CL, Singh AD (2000). Metastatic neoplasms in the optic disc: the 1999 Bjerrum Lecture. *Part 2. Arch Ophthalmol*. 118(2):217–24. PMID:10676787
- 1167.** Shields JA, Shields CL, Suvamamani C, Schroeder RP, DePotter P (1991). Retinoblastoma manifesting as orbital cellulitis. *Am J Ophthalmol*. 112(4):442–9. PMID:1928248
- 1168.** Shields JA, Stephens RF, Eagle RC Jr, Shields CL, De Potter P (1992). Progressive enlargement of a circumscribed choroidal hemangioma. A clinicopathologic correlation. *Arch Ophthalmol*. 110(9):1276–8. PMID:1520116
- 1169.** Shields JA, Tso MO (1975). Congenital grouped pigmentation of the retina. Histopathologic description and report of a case. *Arch Ophthalmol*. 93(11):1153. PMID:1191104
- 1170.** Shneur E, Millodot M, Barnard S, Gantz L, Koslowe K, Gordon-Shaag A (2014). Prevalence of congenital hypertrophy of the retinal pigment epithelium (CHRPE) in Israel. *Ophthalmic Physiol Opt*. 34(3):385. PMID:24750466
- 1171.** Shofty B, Ben-Sira L, Kesler A, Constantini S (2015). Optic pathway gliomas. *Adv Tech Stand Neurosurg*. 42:123–46. PMID:2541148
- 1172.** Shoji J, Inada N, Sawa M (2006). Antibody array-generated cytokine profiles of tears of patients with vernal keratoconjunctivitis or giant papillary conjunctivitis. *Jpn J Ophthalmol*. 50(3):195–204. PMID:16767372
- 1173.** Shukla SY, Shields JA, Eagle RC, Shields CL (2012). Transformation of optic disc melanocytoma into melanoma over 33 years. *Arch Ophthalmol*. 130(10):1344–7. PMID:23044959
- 1174.** Shuler JD, Holland GN, Miles SA, Miller BJ, Grossman I (1989). Kaposi sarcoma of the conjunctiva and eyelids associated with the acquired immunodeficiency syndrome. *Arch Ophthalmol*. 107(6):858–62. PMID:2471496
- 1175.** Ashur-Fabian O, Blumenthal DT, Bakon M, Nass D, Davis PJ, Hercbergs A (2013). Long-term response in high-grade optic glioma treated with medically induced hypothyroidism and carboplatin: a case report and review of the literature. *Anticancer Drugs*. 24(3):315–23. PMID:23348245
- 1176.** Sia KJ, Tang IP, Kong CK, Tan TY (2012). Nasolacrimal relapse of nasopharyngeal carcinoma. *J Laryngol Otol*. 126(8):847–50. PMID:22804860
- 1177.** Siddens JD, Fishman JR, Jackson IT, Nesi FA, Tsao K (1999). Primary orbital angiosarcoma: a case report. *Ophthalmol Plast Reconstr Surg*. 15(6):454–9. PMID:10588260
- 1178.** Simunovic MP, Thauang C, da Cruz L, Sagoo MS, Egan C (2015). Small cell carcinoma of the lung metastatic to the retina: a clinicopathologic case report. *Can J Ophthalmol*. 50(6):e119–21. PMID:26651321
- 1179.** Singh AD, Bergman L, Seregard S (2005). Uveal melanoma: epidemiologic aspects. *Ophthalmol Clin North Am*. 18(1):75–84.viii. PMID:15763193
- 1180.** Singh AD, De Potter P, Fijal BA, Shields CL, Shields JA, Elston RC (1998). Lifetime prevalence of uveal melanoma in white patients with ocular (dermal) melanocytosis. *Ophthalmology*. 105(1):195–8. PMID:9442799
- 1181.** Singh AD, Kalyani P, Topham A (2005). Estimating the risk of malignant transformation of a choroidal nevus. *Ophthalmology*. 112(10):1784–9. PMID:16154197
- 1182.** Singh AD, Nouri M, Shields CL, Shields JA, Perez N (2002). Treatment of retinal capillary hemangioma. *Ophthalmology*. 109(10):1799–806. PMID:12359597
- 1183.** Singh AD, Santos CM, Shields CL, Shields JA, Eagle RC Jr (2000). Observations on 17 patients with retinocytoma. *Arch Ophthalmol*. 118(2):199–205. PMID:10676785
- 1184.** Singh AD, Shields CL, Shields JA, Sato T (2000). Uveal melanoma in young patients. *Arch Ophthalmol*. 118(7):918–23. PMID:10900104
- 1185.** Singh AD, Topham A (2003). Incidence of uveal melanoma in the United States: 1973–1997. *Ophthalmology*. 110(5):956–61. PMID:12750097
- 1186.** Singh AD, Turell ME, Topham AK (2011). Uveal melanoma: trends in incidence, treatment, and survival. *Ophthalmology*. 118(9):1881–5. PMID:21704381
- 1187.** Singh AD (2007). Tumors of the uvea: benign melanocytic tumors. In: Singh AD, Damato BE, Pe'er J, Murphree AL, Perry J, editors. *Clinical ophthalmic oncology*. Philadelphia: Elsevier; pp. 185–97.
- 1189.** Singh G, Sharma MC, Agarwal S, Prasad GL, Mishra S, Singh MM, et al. (2012). Epithelial-myoeptithelial carcinoma of the lacrimal gland: a rare case. *Ann Diagn Pathol*. 16(4):292–7. PMID:21546298
- 1190.** Singh P, Mathur SK, Singh S, Marwah N, Kalra R, Arora B (2005). Cystic lymphangioma of the spleen—a case report. *Indian J Pathol Microbiol*. 48(2):202–3. PMID:16758665
- 1191.** Sisley K, Rennie IG, Parsons MA, Jacques R, Hammond DW, Bell SM, et al. (1997). Abnormalities of chromosomes 3 and 8 in posterior uveal melanoma correlate with prognosis. *Genes Chromosomes Cancer*. 19(1):22–8. PMID:9135991
- 1192.** Sjö LD (2009). Ophthalmic lymphoma: epidemiology and pathogenesis. *Acta Ophthalmol*. 87 Thesis 1:1–20. PMID:19178392
- 1193.** Sjö LD, Ralfkiaer E, Juhl BR, Prause JU, Kivelä T, Auw-Haedrich C, et al. (2006). Primary lymphoma of the lacrimal sac: an EORTC Ophthalmic Oncology Task Force study. *Br J Ophthalmol*. 90(8):1004–9. PMID:16672329
- 1194.** Sjö N, Heegaard S, Prause JU (2000). Conjunctival papilloma. A histopathologically based retrospective study. *Acta Ophthalmol Scand*. 78(6):663–6. PMID:11167228
- 1195.** Sjö NC, Heegaard S, Prause JU, von Buchwald C, Lindeberg H (2001). Human papillomavirus in conjunctival papilloma. *Br J Ophthalmol*. 85(7):785–7. PMID:11423448
- 1196.** Sjö NC, von Buchwald C, Cassonnet P, Flamant P, Heegaard S, Norrild B, et al. (2007). Human papillomavirus: cause of epithelial lacrimal sac neoplasia? *Acta Ophthalmol Scand*. 85(5):551–6. PMID:17362365
- 1197.** Skálová A, Gnepp DR, Lewis JS Jr, Hunt JL, Bishop JA, Hellquist H, et al. (2017). Newly described entities in salivary gland pathology. *Am J Surg Pathol*. 41(8):e33–47. PMID:28614209
- 1198.** Skálová A, Weinreb I, Hycza M, Simpson RH, Laco J, Agaimy A, et al. (2015). Clear cell myoeptithelial carcinoma of salivary glands showing EWSR1 rearrangement: molecular analysis of 94 salivary gland carcinomas with prominent clear cell component. *Am J Surg Pathol*. 39(3):338–48. PMID:25581728
- 1199.** Skippen B, Lane CM, Hourihan M, Morris DS (2017). A case of mistaken identity: the role of lacrimal gland pleomorphic adenoma tissue diagnosis. *Int Ophthalmol*. 38(1):381–4. PMID:28108899
- 1200.** Smedby KE, Hjalgrim H, Askling J, Chang ET, Gregersen H, Porwit-MacDonald A, et al. (2006). Autoimmune and chronic inflammatory disorders and risk of non-Hodgkin lymphoma by subtype. *J Natl Cancer Inst*. 98(1):51–60. PMID:16391371
- 1201.** Smith PA, Damato BE, Ko MK, Lyness RW (1987). Anterior uveal neuroblastoma—a rare neoplasm simulating malignant melanoma. *Br J Ophthalmol*. 71(1):34–40. PMID:3545285
- 1202.** Soler VJ, Tran-Viet KN, Galiacy SD, Limviphuvadh V, Klemm TP, St Germain E, et al. (2013). Whole exome sequencing identifies a mutation for a novel form of corneal intraepithelial dyskeratosis. *J Med Genet*. 50(4):246–54. PMID:23349227
- 1203.** Soliman SE, Racher H, Zhang C, MacDonald H, Gallie BL (2017). Genetics and molecular diagnostics in retinoblastoma—an update. *Asia Pac J Ophthalmol (Phila)*. 6(2):197–207. PMID:28399338
- 1204.** Sommacal A, Campbell RJ, Helbig H (2003). Adenocarcinoma of the retinal pigment epithelium. *Arch Ophthalmol*. 121(10):1481–3. PMID:14557190
- 1205.** Soon AK, Brownstein S, O'Connor M, Iordanous Y (2017). Fibrous histiocytoma of the conjunctiva. *Ophthalmol Plast Reconstr Surg*. 33(5):e133. PMID:27636240
- 1206.** Sousa DC, Leal I (2016). Bilateral optic nerve metastases. *Ophthalmology*. 123(2):380. PMID:26802708
- 1207.** Spaide RF (2016). Unilateral diffuse uveal melanocytic proliferation. *Retin Cases Brief Rep*. [Epub ahead of print] PMID:28005580
- 1208.** Spencer WH, Jesberg DO (1973). Glaucoma (choristomatous malformation of the optic cup margin). A report of two cases. *Arch Ophthalmol*. 89(5):387–91. PMID:4697215
- 1209.** Spitznas M, Koch F, Pohl S (1980). Ultrastructural pathology of anterior persistent hyperplastic primary vitreous. *Graefes Arch Clin Exp Ophthalmol*. 228(5):457–66. PMID:2227497
- 1210.** Srikanth D, Devi V, Polshetty N, Singh D (2016). Subcutaneous benign fibrous histiocytoma: rare presentation on cheek—case report and review of literature. *J Maxillofac Oral Surg*. 15(Suppl 2):282–6. PMID:27408454
- 1211.** Stacy RC, Kenyon KR, Jakobiec FA, Colby KA (2010). Conjunctival melanoma arising from primary acquired melanosis in a patient with neurofibromatosis type I. *Cornea*. 29(2):232–4. PMID:20023582
- 1212.** Stadigh A, Puska P, Vesti E, Ristimäki A, Turunen JA, Kivelä TT (2017). Ring melanoma of the anterior chamber angle as a mimic of pigmentary glaucoma. *Surv Ophthalmol*. 62(5):670–6. PMID:28159633
- 1213.** Stagner AM, Jakobiec FA (2016). Updates on the molecular pathology of selected ocular and ocular adnexal tumors: potential targets for future therapy. *Semin Ophthalmol*. 31(1–2):188–96. PMID:26959146
- 1214.** Stefanyshyn MA, Hidayat AA, Peter JJ, Flanagan JC (1994). Lacrimal sac tumors. *Ophthalmol Plast Reconstr Surg*. 10(3):169–84. PMID:7947444
- 1215.** Stemmer-Rachamimov AO, Xu L, Gonzalez-Agosti C, Burwick JA, Pinney D, Beauchamp R, et al. (1997). Universal absence of merlin, but not other ERM family members, in schwannomas. *Am J Pathol*. 151(6):1645–54. PMID:9403715
- 1216.** Stenman G (2013). Fusion oncogenes in salivary gland tumors: molecular and clinical consequences. *Head Neck Pathol*. 7 Suppl 1:S12–9. PMID:23821214
- 1217.** Stephenson JA, Mayland DM, Ingall E, Frank TW (1988). Squamous cell carcinoma of the lacrimal sac. *Otolaryngol Head Neck Surg*. 99(5):524–7. PMID:3147447
- 1218.** Stergiopoulos P, Link B, Naumann GO, Seitz B (2009). Solid corneal dermoids and subconjunctival lipodermoids: impact of differentiated surgical therapy on the functional long-term outcome. *Cornea*. 28(6):644–51. PMID:19512907
- 1219.** Stern J, Jakobiec FA, Housepian EM (1980). The architecture of optic nerve gliomas with and without neurofibromatosis. *Arch Ophthalmol*. 98(3):505–11. PMID:6767467
- 1220.** Stiller CA, Parkin DM (1996). Geographic and ethnic variations in the incidence of childhood cancer. *Br Med Bull*. 52(4):682–703. PMID:9039726
- 1221.** Streeten BW, McGraw JL (1972). Tumor of the ciliary pigment epithelium. *Am J Ophthalmol*. 74(3):420–9. PMID:4115451
- 1222.** Strominger MB, Schatz NJ, Glaser JS

- (1993). Lymphomatous optic neuropathy. *Am J Ophthalmol*. 116(6):774–6. PMID:8250089
- 1223.** Sturm V, Richard G (2007). The prevalence of bilateral malignant uveal melanoma. *Klin Monatsbl Augenheilkd*. 224(10):770–4. [German] PMID:17952820
- 1224.** Subramaniam SS, Anand R, Mellor TK, Brennan PA (2017). Primary lacrimal sac melanoma with metastatic cervical disease: a review of the literature and case report. *J Oral Maxillofac Surg*. 75(7):1438–41. PMID:28215853
- 1225.** Sugiura M, Colby KA, Mihm MC Jr, Zembowicz A (2007). Low-risk and high-risk histologic features in conjunctival primary acquired melanosis with atypia: clinicopathologic analysis of 29 cases. *Am J Surg Pathol*. 31(2):185–92. PMID:17255762
- 1226.** Sukeda A, Mori T, Suzuki S, Ochiai A (2014). Adenocarcinoma of the pigmented ciliary epithelium. *BMJ Case Rep*. 2014. PMID:25015166
- 1227.** Sultan I, Qaddoumi I, Yaser S, Rodriguez-Galindo C, Ferrari A (2009). Comparing adult and pediatric rhabdomyosarcoma in the Surveillance, Epidemiology and End Results program, 1973 to 2005: an analysis of 2,600 patients. *J Clin Oncol*. 27(20):3391–7. PMID:19398574
- 1228.** Sumich P, Mitchell P, Wang JJ (1998). Choroidal nevi in a white population: the Blue Mountains Eye Study. *Arch Ophthalmol*. 116(5):645–50. PMID:9596501
- 1229.** Sun EC, Fears TR, Goedert JJ (1997). Epidemiology of squamous cell conjunctival cancer. *Cancer Epidemiol Biomarkers Prev*. 6(2):73–7. PMID:9037556
- 1230.** Sung KS, Kim DC, Ahn HB, Song YJ (2015). Pleomorphic adenoma with sarcomatous change in a lacrimal gland. *J Korean Neurosurg Soc*. 57(6):473–7. PMID:26180619
- 1231.** Swerdlow SH, Campo E, Harris NL, Jaffe ES, Pileri SA, Stein H, et al., editors (2017). WHO classification of tumours of haematopoietic and lymphoid tissues. Revised 4th ed. Lyon: International Agency for Research on Cancer. Available from: <http://publications.iarc.fr/556>.
- 1232.** Syed ZA, Chen TC (2016). New ultrasound biomicroscopy iris findings in juvenile xanthogranuloma. *J Glaucoma*. 25(8):e759–60. PMID:27483333
- 1233.** Szalai E, Wells JR, Grossniklaus HE (2017). Mechanisms of optic nerve invasion in primary choroidal melanoma. *Ocul Oncol Pathol*. 3(4):267–75. PMID:29344479
- 1234.** Szanto PA, Luna MA, Tortoledo ME, White RA (1984). Histologic grading of adenoid cystic carcinoma of the salivary glands. *Cancer*. 54(6):1062–9. PMID:6088017
- 1235.** Szudek J, Joe H, Friedman JM (2002). Analysis of intrafamilial phenotypic variation in neurofibromatosis 1 (NF1). *Genet Epidemiol*. 23(2):150–64. PMID:12214308
- 1236.** Tabin G, Levin S, Snibson G, Loughnan M, Taylor H (1997). Late recurrences and the necessity for long-term follow-up in corneal and conjunctival intraepithelial neoplasia. *Ophthalmology*. 104(3):485–92. PMID:9082277
- 1237.** Tagawa Y, Namba K, Ogasawara R, Kanno H, Ishida S (2015). A case of mature natural killer-cell neoplasm manifesting multiple choroidal lesions: primary intraocular natural killer-cell lymphoma. *Case Rep Ophthalmol*. 6(3):380–4. PMID:26668579
- 1238.** Takahashi BS, Brué C, Spaide RF (2008). Autofluorescence characteristics of congenital hypertrophy of the retinal pigment epithelium. *Retin Cases Brief Rep*. 2(4):259–61. PMID:25390583
- 1239.** Takahashi Y, Takahashi E, Nakakura S, Kitaguchi Y, Mupas-Uy J, Kakizaki H (2016). Risk factors for local recurrence or metastasis of eyelid sebaceous gland carcinoma after wide excision with paraffin section control. *Am J Ophthalmol*. 171:67–74. PMID:27590119
- 1240.** Takahashi Y, Takahashi E, Nishimura K, Kakizaki H (2017). Immunoglobulin G4-related dacryocystitis. *Can J Ophthalmol*. 52(5):e188–90. PMID:28985831
- 1241.** Takahira M, Nakamura Y, Shimizu S, Minato H, Katori N, Kobayashi H, et al. (2005). Carcinosarcoma of the lacrimal gland arising from a pleomorphic adenoma. *Am J Ophthalmol*. 140(2):337–40. PMID:16086968
- 1242.** Talcott KE, Garg RJ, Garg SJ (2016). Ophthalmic manifestations of leukemia. *Curr Opin Ophthalmol*. 27(6):545–51. PMID:27585213
- 1243.** Tan ACS, Yzer S, Atebara N, Marr BP, Verdijk RM, Dalm VASH, et al. (2017). Three cases of Erdheim-Chester disease with intraocular manifestations: imaging and histopathology findings of a rare entity. *Am J Ophthalmol*. 176:141–7. PMID:28153505
- 1244.** Altan-Yaycioglu R, Bolat F, Akova YA (2007). Basosquamous carcinoma of the lacrimal sac: a case report. *Orbit*. 26(4):267–9. PMID:18097965
- 1245.** Tang W, Hei Y, Xiao L (2013). Recurrent orbital space-occupying lesions: a clinicopathologic study of 253 cases. *Chin J Cancer Res*. 25(4):423–9. PMID:23997529
- 1246.** Tay A, Scheithauer BW, Cameron JD, Myhre MJ, Boerner MJ (2009). Retinal ependymoma: an immunohistologic and ultrastructural study. *Hum Pathol*. 40(4):578–83. PMID:18835620
- 1247.** Taylor BS, Barretina J, Maki RG, Antonescu CR, Singer S, Ladanyi M (2011). Advances in sarcoma genomics and new therapeutic targets. *Nat Rev Cancer*. 11(8):541–57. PMID:21753790
- 1248.** Taylor HR, Burton MJ, Haddad D, West S, Wright H (2014). Trachoma. *Lancet*. 384(9960):2142–52. PMID:25043452
- 1249.** Teixeira AI, Neno M, Badura R, Borges-Costa J, Filipe PL (2016). Kaposi sarcoma of the eyelid as an initial manifestation of AIDS. *Dermatol Online J*. 22(7). PMID:27617725
- 1250.** Teo L, Seah LL, Choo CT, Chee SP, Chee E, Looi A (2013). A survey of the histopathology of lacrimal gland lesions in a tertiary referral centre. *Orbit*. 32(1):1–7. PMID:23387446
- 1251.** Tetzlaff MT, Curry JL, Yin V, Pattanapichakul P, Manonukul J, Uprasertkul M, et al. (2015). Distinct pathways in the pathogenesis of sebaceous carcinomas implicated by differentially expressed microRNAs. *JAMA Ophthalmol*. 133(10):1109–16. PMID:26203913
- 1252.** Thareja S, Rashid A, Grossniklaus HE (2014). Spontaneous necrosis of choroidal melanoma. *Ocul Oncol Pathol*. 1(1):63–9. PMID:27175363
- 1253.** Thuang C, Bonshek RE, Leatherbarrow B (2006). Phakomatous choristoma of the eyelid: a case with associated eye abnormalities. *Br J Ophthalmol*. 90(2):245–6. PMID:16424545
- 1254.** Collaborative Ocular Melanoma Study Group (1998). The Collaborative Ocular Melanoma Study (COMS) randomized trial of pre-enucleation radiation of large choroidal melanoma I: characteristics of patients enrolled and not enrolled. COMS report no. 9. *Am J Ophthalmol*. 125(6):767–78. PMID:9645715
- 1255.** Thériault BL, Dimaras H, Gallie BL, Corson TW (2014). The genomic landscape of retinoblastoma: a review. *Clin Experiment Ophthalmol*. 42(1):33–52. PMID:24433356
- 1256.** Thiagalingam S, Johnson MM, Colby KA, Zembowicz A (2008). Juvenile conjunctival nevus: clinicopathologic analysis of 33 cases. *Am J Surg Pathol*. 32(3):399–406. PMID:18300811
- 1257.** Thomas AC, Zeng Z, Rivière JB, O'Shaughnessy R, Al-Olabi L, St-Onge J, et al. (2016). Mosaic activating mutations in GNA11 and GNAQ are associated with phakomatosis pigmentovascularis and extensive dermal melanocytosis. *J Invest Dermatol*. 136(4):770–8. PMID:26778290
- 1258.** Thomas AJ, Erickson CA (2008). The making of a melanocyte: the specification of melanoblasts from the neural crest. *Pigment Cell Melanoma Res*. 21(6):598–610. PMID:19067969
- 1259.** Thong BY (2017). Allergic conjunctivitis in Asia. *Asia Pac Allergy*. 7(2):57–64. PMID:28487836
- 1260.** Thuro BA, Ning J, Peng SA, Pace ST, Dudeja G, Ozgur O, et al. (2017). Rates of positive findings on positron emission tomography and bone marrow biopsy in patients with ocular adnexal lymphoma. *Ophthalm Plast Reconstr Surg*. 33(5):355–60. PMID:27636243
- 1261.** Tibolt RE, Meyer DR, Wobig JL (1991). Small-cell carcinoma metastatic to the lacrimal gland. *Arch Ophthalmol*. 109(7):921–2. PMID:1648346
- 1262.** Tijl J, Koornneef L, Eijpe A, Thomas L, Gonzalez DG, Veenhof C (1992). Metastatic tumors to the orbit—management and prognosis. *Graefes Arch Clin Exp Ophthalmol*. 30(6):527–30. PMID:1427135
- 1263.** Timoney PJ, Bradley M, Cowen DE (2011). A rare case of progressive ptosis caused by lacrimal gland oncocyoma. *Ophthalm Plast Reconstr Surg*. 27(4):e85–7. PMID:21283034
- 1264.** Tiong T, Borooah S, Msosa J, Dean W, Smith C, Kambewa E, et al. (2013). Clinicopathological review of ocular surface squamous neoplasia in Malawi. *Br J Ophthalmol*. 97(8):961–4. PMID:23613511
- 1265.** Torbidoni AV, Laurent VE, Sampor C, Ottaviani D, Vazquez V, Gabri MR, et al. (2015). Association of cone-rod homeobox transcription factor messenger RNA with pediatric metastatic retinoblastoma. *JAMA Ophthalmol*. 133(7):805–12. PMID:25928893
- 1266.** Toth J, Karcioğlu ZA, Moshfeghi AA, Issa TM, Al-Ma'ani JR, Patel KV (2000). The relationship between human papillomavirus and p53 gene in conjunctival squamous cell carcinoma. *Cornea*. 19(2):159–62. PMID:10746446
- 1267.** Traber GL, Pangalu A, Neumann M, Costa J, Weller M, Huna-Baron R, et al. (2015). Malignant optic glioma - the spectrum of disease in a case series. *Graefes Arch Clin Exp Ophthalmol*. 253(7):1187–94. PMID:26004076
- 1268.** Traboulsi EI, Krush AJ, Gardner EJ, Booker SV, Offerhaus GJ, Yardley JH, et al. (1987). Prevalence and importance of pigmented ocular fundus lesions in Gardner's syndrome. *N Engl J Med*. 316(11):661–7. PMID:3821797
- 1269.** Traboulsi EI, Maumenee IH, Krush AJ, Giardiello FM, Levin LS, Hamilton SR (1988). Pigmented ocular fundus lesions in the inherited gastrointestinal polyposis syndromes and in hereditary nonpolyposis colorectal cancer. *Ophthalmology*. 95(7):964–9. PMID:2845322
- 1270.** Traboulsi EI, Murphy SF, de la Cruz ZC, Maumenee IH, Green WR (1990). A clinicopathologic study of the eyes in familial adenomatous polyposis with extracolonic manifestations (Gardner's syndrome). *Am J Ophthalmol*. 110(5):550–61. PMID:2173407
- 1271.** Traynis I, Singer S, Winterkorn J, Rosenblum M, Dinkin M (2014). Infiltration of the optic chiasm, nerve, and disc by gliomatosis cerebri. *J Neuroophthalmol*. 34(1):44–6. PMID:23287703
- 1272.** Triay E, Bergman L, Nilsson B, All-Ericsson C, Seregard S (2009). Time trends in the incidence of conjunctival melanoma in Sweden. *Br J Ophthalmol*. 93(11):1524–8. PMID:19628487
- 1273.** Trichopoulos N, Augsburger JJ, Schneider S (2006). Adenocarcinoma arising from congenital hypertrophy of the retinal pigment epithelium. *Graefes Arch Clin Exp Ophthalmol*. 244(1):125–8. PMID:15983818
- 1274.** Tripathi RC, Tripathi BJ, Ringus J (1981). Phakomatous choristoma of the lower eyelid with psammoma body formation: a light and electron microscopic study. *Ophthalmology*. 88(12):1198–206. PMID:7322468
- 1275.** Tripathy D, Mittal R (2014). Dermolipoma of the lower eyelid. *Orbit*. 33(3):193–5. PMID:24409831
- 1276.** Trubnik V, Conley R, Ritterband DC, Udell I, Thompson G, Shih C, et al. (2011). Progressive growth in epibulbar complex choristomas: report of 2 cases and review of literature. *Cornea*. 30(11):1267–9. PMID:21885965
- 1277.** Ts'o MO, Fine BS, Zimmerman LE (1969). The Flexner-Wintersteiner rosettes in retinoblastoma. *Arch Pathol*. 88(6):664–71. PMID:5357720
- 1278.** Ts'o MO, Fine BS, Zimmerman LE (1970). The nature of retinoblastoma. II. Photoreceptor differentiation: an electron microscopic study. *Am J Ophthalmol*. 69(3):350–9. PMID:5418851
- 1279.** Ts'o MO, Zimmerman LE, Fine BS (1970). The nature of retinoblastoma. I. Photoreceptor differentiation: a clinical and histopathologic study. *Am J Ophthalmol*. 69(3):339–49. PMID:4190798
- 1280.** Tsai AS, Lee KY, Al Jajeh I, Sittampalam K, Fong KS (2008). Epibulbar osseous choristoma: a report of two cases. *Orbit*. 27(3):231–3. PMID:18569837
- 1281.** Tsai JH, Galaydh F, Ching SS (2005). Anterior uveitis and iris nodules that are associated with Langerhans cell histiocytosis. *Am J Ophthalmol*. 140(6):1143–5. PMID:16376670
- 1282.** Tso MO (1980). Clues to the cells of origin in retinoblastoma. *Int Ophthalmol Clin*. 20(2):191–210. PMID:6995387
- 1283.** Tso MO, Albert DM (1972). Pathological condition of the retinal pigment epithelium. Neoplasms and nodular non-neoplastic lesions. *Arch Ophthalmol*. 88(1):27–38. PMID:5049451
- 1284.** Tsuchihashi T, Murayama K, Saito T, Ebisawa N, Yoneya S (2005). Midperipheral mottling pigmentation with familial choroidal osteoma. *Retina*. 25(1):63–8. PMID:15655443
- 1285.** Tucker N, Chow D, Stockl F, Codère F, Burnier M (1997). Clinically suspected primary acquired nasolacrimal duct obstruction: clinicopathologic review of 150 patients. *Ophthalmology*. 104(11):1882–6. PMID:9373121
- 1286.** Tuncer S, Cebeci Z (2014). Dramatic regression of presumed acquired retinal astrocytoma with photodynamic therapy. *Middle East Afr J Ophthalmol*. 21(3):283–6. PMID:25100919
- 1287.** Tuomaala S, Eskelin S, Tarkkanen A, Kivela T (2002). Population-based assessment of clinical characteristics predicting outcome of conjunctival melanoma in whites. *Invest Ophthalmol Vis Sci*. 43(11):3399–408. PMID:12407149
- 1288.** Tuomaala S, Kivela T (2004). Metastatic pattern and survival in disseminated conjunctival melanoma: implications for sentinel lymph node biopsy. *Ophthalmology*. 111(4):816–21. PMID:15051218
- 1289.** Turner HC, Budak MT, Akinci MA, Wolosin JM (2007). Comparative analysis of human conjunctival and corneal epithelial gene expression with oligonucleotide microarrays. *Invest Ophthalmol Vis Sci*. 48(5):2050–61. PMID:17460260
- 1290.** Turunen JA, Markkinen S, Wilska R, Saarinen S, Raivio V, Täll M, et al. (2016). BAP1 germline mutations in Finnish patients with uveal melanoma. *Ophthalmology*. 123(5):1112–7. PMID:26876698
- 1291.** Tzu JH, Cavuto KM, Villegas VM,

- Dubovy SR, Capo H (2014). Optical coherence tomography findings of pigmented fundus lesions in familial adenomatous polyposis. *Ophthalmic Surg Lasers Imaging Retina*. 45(1):69–70. PMID:24266367
1292. Ulbright TM, Fulling KH, Helveston EM (1984). Astrocytic tumors of the retina. Differentiation of sporadic tumors from phakomatosis-associated tumors. *Arch Pathol Lab Med*. 108(2):160–3. PMID:6421263
1293. Ustaalioglu BB, Bilici A, Seker M, Gumus M, Ozdemir N, Salman T, et al. (2009). Bilateral primary small lymphocytic lymphoma of the lacrimal sac and review of the literature. *Leuk Res*. 33(11):e184–5. PMID:19493568
- 1293A. Usui M, Ishii S, Yamawaki S, Hirayama T (1984). The occurrence of soft tissue sarcomas in three siblings with Werner's syndrome. *Cancer*. 54(11):2580–6. PMID:6498750
1294. Uusitalo E, Leppävirta J, Koffert A, Suominen S, Vahtera J, Vahlberg T, et al. (2015). Incidence and mortality of neurofibromatosis: a total population study in Finland. *J Invest Dermatol*. 135(3):904–6. PMID:25354145
1295. Auw-Haedrich C, Danielewicz KD, Mendoza PR, Reinhard T, Grossniklaus HE (2016). Conjunctival stromal tumor: expansion of findings in a newly described entity. *Ophthalmology*. 123(5):1166–7. PMID:26778331
1296. Vachette M, Moulin A, Zografos L, Schalenbourg A (2012). Epibulbar osseous choristoma: a clinicopathological case series and review of the literature. *Klin Monatsbl Augenheilkd*. 229(4):420–3. PMID:22496017
1297. Vader MJC, Madigan A, Versluis M, Suleiman HM, Gezgin G, Gruis NA, et al. (2017). GNAQ and GNA11 mutations and downstream YAP activation in choroidal nevi. *Br J Cancer*. 117(6):884–7. PMID:28809862
1298. Vagge A, Camicione P, Capris C, Sbrulati C, Panarello S, Calevo MG, et al. (2015). Choroidal abnormalities in neurofibromatosis type 1 detected by near-infrared reflectance imaging in paediatric population. *Acta Ophthalmol*. 93(8):e667–71. PMID:25990002
1299. Vagia E, Economopoulou P, Oikonomopoulos N, Athanasiadis I, Dimitriadis G, Psyri A (2015). Androgen-receptor positive lacrimal sac adenocarcinoma demonstrating long-lasting response to LHRH analog plus abiraterone treatment. *Front Oncol*. 5:10. PMID:25699235
1300. Vajdic CM, van Leeuwen MT, McDonald SP, McCredie MR, Law M, Chapman JR, et al. (2007). Increased incidence of squamous cell carcinoma of eye after kidney transplantation. *J Natl Cancer Inst*. 99(17):1340–2. PMID:17698951
1301. Valenzuela AA, McNab AA, Selva D, O'Donnell BA, Whitehead KJ, Sullivan TJ (2006). Clinical features and management of tumors affecting the lacrimal drainage apparatus. *Ophthalm Plast Reconstr Surg*. 22(2):96–101. PMID:16550051
1302. van de Nes JA, Nelles J, Kreis S, Metz CH, Hager T, Lohmann DR, et al. (2016). Comparing the prognostic value of BAP1 mutation pattern, chromosome 3 status, and BAP1 immunohistochemistry in uveal melanoma. *Am J Surg Pathol*. 40(6):796–805. PMID:27015033
1303. van Essen TH, van Pelt SI, Versluis M, Bronkhorst IH, van Duinen SG, Marinkovic M, et al. (2014). Prognostic parameters in uveal melanoma and their association with BAP1 expression. *Br J Ophthalmol*. 98(12):1738–43. PMID:25147369
1304. van Poppelen NM, Vaarwater J, Mudhar HS, Sisley K, Rennie IG, Rundle P, et al. (2018). Genetic background of iris melanomas and iris melanocytic tumors of uncertain malignant potential. *Ophthalmology*. 125(6):904–12. PMID:29371009
1305. Van Raamsdonk CD, Bezrookove V, Green G, Bauer J, Gaugler L, O'Brien JM, et al. (2009). Frequent somatic mutations of GNAQ in uveal melanoma and blue naevi. *Nature*. 457(7229):599–602. PMID:19078957
1306. Van Raamsdonk CD, Griewank KG, Crosby MB, Garrido MC, Vemula S, Wiesner T, et al. (2010). Mutations in GNA11 in uveal melanoma. *N Engl J Med*. 363(23):2191–9. PMID:21083380
1307. van Klink F, de Keizer RJ, Jager MJ, Kakebeeke-Kemmer HM (1992). Iris nevi and melanomas: a clinical follow-up study. *Doc Ophthalmol*. 82(1–2):49–55. PMID:1305027
1308. Vander Poorten V, Triantafyllou A, Thompson LD, Bishop J, Hauben E, Hunt J, et al. (2016). Salivary acinic cell carcinoma: reappraisal and update. *Eur Arch Otorhinolaryngol*. 273(11):3511–31. PMID:26685679
1309. Vangveeravong S, Katz SE, Rootman J, White V (1996). Tumors arising in the palpebral lobe of the lacrimal gland. *Ophthalmology*. 103(10):1606–12. PMID:8874433
1310. Vannas S, Raitta C, Tarkkanen A (1974). Neurilemmoma of the choroid in Recklinghausen's disease. *Acta Ophthalmol Suppl*. 123:126–33. PMID:4368953
1311. Vatansever M, Bozkurt FM, Dinç E, Yılmaz EB, Nayir E, Sari AA, et al. (2016). Orbital metastasis of multiple myeloma: case report. *Turk J Ophthalmol*. 46(3):148–50. PMID:27800278
1312. Vékony H, Leemans CR, Ystra B, Meijer GA, van der Waal I, Bloemena E (2009). Salivary gland carcinomas: oligonucleotide array CGH reveals similar genomic profiles in epithelial and mesenchymal components. *Oral Oncol*. 45(3):259–65. PMID:18693132
1313. Vékony H, Röser K, Löning T, Raaphorst FM, Leemans CR, Van der Waal I, et al. (2008). Deregulated expression of p16INK4a and p53 pathway members in benign and malignant myoepithelial tumours of the salivary glands. *Histopathology*. 53(6):658–66. PMID:19076682
1314. Velazquez-Martin JP, Krema H, Fulda E, Yücel YH, Simpson ER, Pavlin CJ (2013). Ultrasound biomicroscopy of the ciliary body in ocular/oculodermal melanocytosis. *Am J Ophthalmol*. 155(4):681–7.e1–2. PMID:23219068
1315. Vemuganti GK, Honavar SG, Jalali S (2002). Intraocular osseous metaplasia. A clinicopathological study. *Indian J Ophthalmol*. 50(3):183–8. PMID:12355691
1316. Venkatesulu BP, Pathy S, Vallonhail AG, Chawla B (2015). Epithelial-myoeplithelial carcinoma of lacrimal gland from an ex pleomorphic adenoma. *BMJ Case Rep*. 2015. PMID:26231189
1317. Venturini G, Moulin AP, Deprez M, Uffer S, Bottani A, Zografos L, et al. (2012). Clinicopathologic and molecular analysis of a choroidal pigmented schwannoma in the context of a PTEN hamartoma tumor syndrome. *Ophthalmology*. 119(4):857–64. PMID:22281088
1318. Verdijk RM (2016). On the classification and grading of medulloepithelioma of the eye. *Ocul Oncol Pathol*. 2(3):190–3. PMID:27239464
1319. Verdijk RM, Pecorella I, Mooy CM (2015). The orbit, including the lacrimal gland and lacrimal drainage system. In: Heegaard S, Grossniklaus H, editors. *Eye pathology: an illustrated guide*. Berlin: Springer-Verlag; pp. 547–731.
1323. Verma V, Shen D, Sieving PC, Chan CC (2008). The role of infectious agents in the etiology of ocular adnexal neoplasia. *Surv Ophthalmol*. 53(4):312–31. PMID:18572051
1324. Vermeulen TL, Isaacs TW, Spagnolo D, Amanuel B (2013). Rosai-Dorfman disease presenting as choroidal melanoma: a case report and review of the literature. *Graefes Arch Clin Exp Ophthalmol*. 251(1):295–9. PMID:23090417
1325. Vervaeke N, Van Ginderdeuren R, Van Den Oord JJ, Foets B (2007). A rare conjunctival Spitz nevus: a case report and literature review. *Bull Soc Belge Ophthalmol*. (303):63–7. PMID:17894290
1326. Vickers JL, Matherne RJ, Allison AW, Wilkerson MG, Tyring SK, Bartlett BL, et al. (2010). Transitional cell neoplasm of the nasolacrimal duct associated with human papillomavirus type 11. *J Cutan Pathol*. 37(7):793–6. PMID:19615034
1327. Villegas VM, Hess DJ, Wildner A, Gold AS, Murray TG (2013). Retinoblastoma. *Curr Opin Ophthalmol*. 24(6):581–8. PMID:24100372
1328. Viola F, Villani E, Natacci F, Selicorni A, Melloni G, Vezzola D, et al. (2012). Choroidal abnormalities detected by near-infrared reflectance imaging as a new diagnostic criterion for neurofibromatosis 1. *Ophthalmology*. 119(2):369–75. PMID:21963267
1329. Virgili G, Gatta G, Ciccolallo L, Capocaccia R, Biggeri A, Crocetti E, et al. (2007). Incidence of uveal melanoma in Europe. *Ophthalmology*. 114(12):2309–15. PMID:17498805
1330. Vizcaino MA, Bishop J, Sharma R, Refaei K, Quiñones-Hinojosa A, Rodriguez FJ (2016). Intracranial solitary fibrous tumor/hemangiopericytoma with osteoclast-like multinucleated giant cells: comparison with giant cell-rich solitary fibrous tumor. *Clin Neuropathol*. 35(4):171–7. PMID:27049065
1331. von Holstein SL (2013). Tumours of the lacrimal gland. Epidemiological, clinical and genetic characteristics. *Acta Ophthalmol*. 91 Thesis 6:1–28. PMID:24893972
1332. von Holstein SL, Coupland SE, Briscoe D, Le Tourneau C, Heegaard S (2013). Epithelial tumours of the lacrimal gland: a clinical, histopathological, surgical and oncological survey. *Acta Ophthalmol*. 91(3):195–206. PMID:22471335
1333. Von Holstein SL, Fehr A, Heegaard S, Therkildsen MH, Stenman G (2012). CRTC1-MAML2 gene fusion in mucoepidermoid carcinoma of the lacrimal gland. *Oncol Rep*. 27(5):1413–6. PMID:22323114
1334. von Holstein SL, Fehr A, Persson M, Nickelsen M, Therkildsen MH, Prause JU, et al. (2014). Lacrimal gland pleomorphic adenoma and carcinoma ex pleomorphic adenoma: genomic profiles, gene fusions, and clinical characteristics. *Ophthalmology*. 121(5):1125–33. PMID:24468654
1335. von Holstein SL, Rasmussen PK, Heegaard S (2016). Tumors of the lacrimal gland. *Semin Diagn Pathol*. 33(3):156–63. PMID:26849904
1336. von Holstein SL, Therkildsen MH, Prause JU, Stenman G, Siersma VD, Heegaard S (2013). Lacrimal gland lesions in Denmark between 1974 and 2007. *Acta Ophthalmol*. 91(4):349–54. PMID:22471375
1337. von Goscinski C, Koch KR, Cursiefen C, Heindl LM (2016). Tumors of the lacrimal drainage system. *HNO*. 64(6):386–93. [German] PMID:27222017
1338. Vora GK, Demirci H, Marr B, Mruthyunjaya P (2017). Advances in the management of conjunctival melanoma. *Surv Ophthalmol*. 62(1):26–42. PMID:27321895
1339. Vortmeyer AO, Frank S, Jeong SY, Yuan K, Ikejiri B, Lee YS, et al. (2003). Developmental arrest of angioblastic lineage initiates tumorigenesis in von Hippel-Lindau disease. *Cancer Res*. 63(21):7051–5. PMID:14612494
1340. Vozmediano-Serrano MT, Toledano-Fernández N, Fdez-Aceñero MJ, Gil-Díez JL, García-Saenz S (2006). Lacrimal sac metastases from renal cell carcinoma. *Orbit*. 25(3):249–51. PMID:16987775
1341. Wachtel JG, Caplan CW, Makley TA Jr (1967). Juvenile melanoma (mixed spindle cell and epithelioid cell nevus) of the conjunctiva. *Surv Ophthalmol*. 12(1):12–6. PMID:6040928
1342. Wada K, Arai C, Suda T, Nagaoka M, Shimura E, Yanagisawa S, et al. (2015). Primary adenoid cystic carcinoma of the nasolacrimal duct treated with proton beam therapy. *Ann Nasus Larynx*. 42(6):496–500. PMID:25998851
1343. Waljee HZ, Berry S, Quine S, Lane C, Morris DS, Bowman B (2015). Inverted papilloma originating primarily from the nasolacrimal duct: a case report and review of the pertinent literature. *Case Rep Otolaryngol*. 2015:123694. PMID:26649215
1344. Walker BA, Saltzman BS, Herlitz EF, Luquetti DV (2017). Phenotypic characterization of epibulbar dermoids. *Int Ophthalmol*. 37(3):499–505. PMID:27405313
1345. Walter JW, Blei F, Anderson JL, Ottow SJ, Speer MC, Marchuk DA (1999). Genetic mapping of a novel familial form of infantile hemangioma. *Am J Med Genet*. 82(1):77–81. PMID:9916848
1346. Walter JW, North PE, Waner M, Mckenzie A, Blei F, Walker JW, et al. (2002). Somatic mutation of vascular endothelial growth factor receptors in juvenile hemangioma. *Genes Chromosomes Cancer*. 33(3):295–302. PMID:11807987
1347. Walter SD, Chao DL, Feuer W, Schiffman J, Char DH, Harbour JW (2016). Prognostic implications of tumor diameter in association with gene expression profile for uveal melanoma. *JAMA Ophthalmol*. 134(7):734–40. PMID:27123792
1348. Walther C, Hofvander J, Nilsson J, Wagnusson L, Domanski HA, Gisselsson D, et al. (2015). Gene fusion detection in formalin-fixed paraffin-embedded benign fibrous histiocytomas using fluorescence in situ hybridization and RNA sequencing. *Lab Invest*. 95(9):1071–6. PMID:26121314
1349. Wan WL, Geller JL, Feldon SE, Sabin AA (1990). Visual loss caused by rapidly progressive intracranial meningiomas during pregnancy. *Ophthalmology*. 97(1):18–21. PMID:2314836
1350. Wang W, Chen L (2017). Cavernous hemangioma of the retina: a comprehensive review of the literature (1934–2015). *Retina*. 37(4):611–21. PMID:27820777
1351. Wang XN, Qian J, Yuan YF, Zhang R, Zhang YQ (2012). Space-occupying lesions of the lacrimal gland at one tertiary eye center in China: a retrospective clinical study of 95 patients. *Int J Ophthalmol*. 5(2):208–11. PMID:22762051
1352. Watanabe A, Andrew NH, Ueda K, Kinoshita S, Katori N, Reid M, et al. (2016). Clinic-radiological features of primary lacrimal gland pleomorphic adenoma: an analysis of 37 cases. *Jpn J Ophthalmol*. 60(4):286–92. PMID:27184391
1353. Webster AR, Anderson JR, Richards EM, Moore AT (1995). Ischaemic retinopathy occurring in patients receiving bone marrow allografts and campath-1G: a clinicopathological study. *Br J Ophthalmol*. 79(7):687–91. PMID:7662637
1354. Weinreb I, Tabanda-Lichauco R, Van der Kwast T, Perez-Ordoñez B (2006). Low-grade intraductal carcinoma of salivary gland report of 3 cases with marked apoptotic differentiation. *Am J Surg Pathol*. 30(8):1014–21. PMID:16861974
1355. Weis E, Rootman J, Joly TJ, Benson KW, Al-Katan HM, Pasternak S, et al. (2008). Epithelial lacrimal gland tumors: pathologic classification and current understanding. *Arch Ophthalmol*. 127(8):1016–28. PMID:19000000

1356. Weisbrod DJ, Pavlin CJ, Xu W, Simpson ER (2010). Long-term follow-up of 42 patients with small ciliary body tumors with ultrasound biomicroscopy. *Am J Ophthalmol*. 149(4):616–22. PMID:20346778
1357. Weiss SW, Langloss JM, Enzinger FM (1983). Value of S-100 protein in the diagnosis of soft tissue tumors with particular reference to benign and malignant Schwann cell tumors. *Lab Invest*. 49(3):299–308. PMID:6310227
1358. Weiss SW, Goldblum JR, editors (2008). *Malignant vascular tumors*. In: Enzinger and Weiss's soft tissue tumors. Philadelphia: Elsevier; pp. 703–30.
1360. Wemmert S, Willnecker V, Brunner C, Wenzel GI, Sauter B, Meinelt H, et al. (2013). New genetic findings in parotid gland pleomorphic adenomas. *Head Neck*. 35(10):1431–8. PMID:22987447
1361. Werner JU, Lang GK, Enders C (2017). Free-floating intraocular cysts. *Klin Monbl Augenheilkd*. [German] [EPUB ahead of print] PMID:28470658
1362. Werner RL, Castle JT (2014). Recurrent pleomorphic adenoma. *Head Neck Pathol*. 8(3):303–6. PMID:24197723
1363. Whalen KE, Eagle RC Jr, Vrabec TR (2018). A case of metastatic urothelial carcinoma of the retina and vitreous. *Retin Cases Brief Rep*. 12(3):177–180. PMID:27930437
1364. White VA (2012). Update on lacrimal gland neoplasms: molecular pathology of interest. *Saudi J Ophthalmol*. 26(2):133–5. PMID:23960983
1365. White VA, Chambers JD, Courtright PD, Chang WY, Horsman DE (1998). Correlation of cytogenetic abnormalities with the outcome of patients with uveal melanoma. *Cancer*. 83(2):354–9. PMID:9669819
1366. White VA, Damji KF, Richards JS, Rootman J (1991). Leiomyosarcoma of the conjunctiva. *Ophthalmology*. 98(10):1560–4. PMID:1961645
1367. Wiesner T, Obenaus AC, Murali R, Fried I, Griewank KG, Ulz P, et al. (2011). Germline mutations in BAP1 predispose to melanocytic tumors. *Nat Genet*. 43(10):1018–21. PMID:21874003
1368. Wilkes SR, Campbell RJ, Waller RR (1981). Ocular malformation in association with ipsilateral facial nevus of Jadassohn. *Am J Ophthalmol*. 92(3):344–52. PMID:7294093
1369. Williams AT, Font RL, Van Dyk HJ, Riekhof FT (1978). Osseous choristoma of the choroid simulating a choroidal melanoma. Association with a positive 32P test. *Arch Ophthalmol*. 96(10):1874–7. PMID:697626
1370. Wilson DJ, Brazier R, Rosenbaum JT (1992). Intraocular lymphoma. Immunopathologic analysis of vitreous biopsy specimens. *Arch Ophthalmol*. 110(10):1455–8. PMID:1417546
1371. Wimmer K, Eckart M, Meyer-Puttitz B, Fonatsch C, Pietsch T (2002). Mutational and expression analysis of the NF1 gene argues against a role as tumor suppressor in sporadic pilocytic astrocytomas. *J Neuropathol Exp Neurol*. 61(10):896–902. PMID:12387455
1372. Wirz K, Lee WR, Coaker T (1982). Progressive changes in congenital hypertrophy of the retinal pigment epithelium. *Graefes Arch Clin Exp Ophthalmol*. 219(5):214–21. PMID:7160628
1373. Witschel H, Font RL (1976). Hemangioma of the choroid. A clinicopathologic study of 71 cases and a review of the literature. *Surv Ophthalmol*. 20(6):415–31. PMID:820013
1374. Witt RL, Eisele DW, Morton RP, Nicolai P, Poorten VV, Zbären P (2015). Etiology and management of recurrent parotid pleomorphic adenoma. *Laryngoscope*. 125(4):888–93. PMID:25289881
1375. Wittekindt C, Streubel K, Arnold G, Stenert E, Guntinas-Lichius O (2007). Recurrent pleomorphic adenoma of the parotid gland: analysis of 108 consecutive patients. *Head Neck*. 29(9):822–8. PMID:17563905
1376. Wiwatwongwana D, Berean KW, Dolman PJ, Rootman J, White VA (2009). Unusual carcinomas of the lacrimal gland: epithelial-myoeptithelial carcinoma and myoeptithelial carcinoma. *Arch Ophthalmol*. 127(8):1054–6. PMID:19667347
1377. Wiwatwongwana D, White VA, Dolman PJ (2010). Two cases of periocular cutaneous angiosarcoma. *Ophthalm Plast Reconstr Surg*. 26(5):365–6. PMID:20856078
1378. Wladis EJ, Frempong T, Gausas R (2007). Nasolacrimal metastasis from hepatocellular carcinoma masquerading as dacryocystitis. *Ophthalm Plast Reconstr Surg*. 23(4):333–5. PMID:17667118
1379. Wolber RA, Talerma A, Wilkinson EJ, Clement PB (1991). Vulvar granular cell tumors with pseudocarcinomatous hyperplasia: a comparative analysis with well-differentiated squamous carcinoma. *Int J Gynecol Pathol*. 10(1):59–66. PMID:1848836
1380. Wolf EJ, Wessel MM, Hirsch MD, Leib ML (2007). Reactive lymphoid hyperplasia of the nasolacrimal duct presenting as bloody epiphora. *Ophthalm Plast Reconstr Surg*. 23(3):242–3. PMID:17519671
1381. Wong AJ, Planck SR, Choi D, Harrington CA, Troxell ML, Houghton DC, et al. (2014). IgG4 immunostaining and its implications in orbital inflammatory disease. *PLoS One*. 9(10):e109847. PMID:25303270
1382. Wong JY, Uhl V, Wara WM, Sheline GE (1987). Optic gliomas. A reanalysis of the University of California, San Francisco experience. *Cancer*. 60(8):1847–55. PMID:3652011
1383. Woo KI, Yeom A, Esmaili B (2016). Management of lacrimal gland carcinoma: lessons from the literature in the past 40 years. *Ophthalm Plast Reconstr Surg*. 32(1):1–10. PMID:26291539
1384. Wright JE, McNab AA, McDonald WI (1989). Primary optic nerve sheath meningioma. *Br J Ophthalmol*. 73(12):960–6. PMID:2611192
1385. Xian J, Xu Q, Wang Z, Yang B, Wei W, Yan Z, et al. (2010). MR imaging of adenomas of the nonpigmented ciliary epithelium of the eye. *AJNR Am J Neuroradiol*. 31(5):886–90. PMID:20044507
1386. Xiong MJ, Dim DC (2015). Conjunctival myxoma: a synopsis of a rare ocular tumor. *Arch Pathol Lab Med*. 139(5):693–7. PMID:25927154
1387. Xu XL, Fang Y, Lee TC, Forrest D, Gregory-Evans C, Almeida D, et al. (2009). Retinoblastoma has properties of a cone precursor tumor and depends upon cone-specific MDM2 signaling. *Cell*. 137(6):1018–31. PMID:19524506
1388. Yalcinbayir O, Gelissen O, Sen F, Yasar S, Alizadegan F (2017). Retinal metastasis from squamous cell carcinoma of the lung: a case presentation. *Retin Cases Brief Rep*. [EPUB ahead of print] PMID:28221259
1389. Yamamoto N, Kiyosawa M, Kawasaki T, Miki T, Fujino T, Tokoro T (1994). Successfully treated optic nerve infiltration with adult T-cell lymphoma. *J Neuroophthalmol*. 14(2):81–3. PMID:7951932
1390. Yan J, Liu X, Zhang P, Li Y (2015). Acquired adenoma of the nonpigmented ciliary epithelium: analysis of five cases. *Graefes Arch Clin Exp Ophthalmol*. 253(4):637–44. PMID:25605545
1391. Yang BT, Wang YZ, Wang XY, Wang ZC (2012). Mesenchymal chondrosarcoma of the orbit: CT and MRI findings. *Clin Radiol*. 67(4):346–51. PMID:22177886
1392. Yang HS, Jeong HR, Kim CW, Yoon YH, Kim JG (2013). Histological heterogeneity between primary and metastatic cancer in a pathologic confirmed case of isolated optic disc metastasis of prostate adenocarcinoma. *Graefes Arch Clin Exp Ophthalmol*. 251(1):375–8. PMID:23188520
1393. Yang J, Foster CS (1997). Squamous cell carcinoma of the conjunctiva. *Int Ophthalmol Clin*. 37(4):73–85. PMID:9429933
1394. Yanoff M, Zimmerman LE (1967). Histogenesis of malignant melanomas of the uvea. 3. The relationship of congenital ocular melanocytosis and neurofibromatosis in uveal melanomas. *Arch Ophthalmol*. 77(3):331–6. PMID:6019552
1395. Yasunari T, Shiraki K, Hattori H, Miki T (2000). Frequency of choroidal abnormalities in neurofibromatosis type 1. *Lancet*. 356(9234):988–92. PMID:11041400
1396. Yeh S, Wilson DJ (2010). Pars plana vitrectomy and endoresection of a retinal vasoproliferative tumor. *Arch Ophthalmol*. 128(9):1196–9. PMID:20837805
1397. Yen MT, Bilyk JR, Wladis EJ, Bradley EA, Mawn LA (2018). Treatments for ocular adnexal lymphoma: a report by the American Academy of Ophthalmology. *Ophthalmology*. 125(1):127–36. PMID:28712656
1398. Yildiz I, Sen F, Tuncer S, Kilic L, Basaran M, Baybek S (2011). Optic disc and choroidal metastasis from sporadic medullary thyroid carcinoma: case report and review of the literature. *Onkologie*. 34(11):630–3. PMID:22104161
1399. Yilmaz I, Gamsizkan M, Sari SO, Yaman B, Demirkisen C, Heper A, et al. (2015). Molecular alterations in malignant blue nevi and related blue lesions. *Virchows Arch*. 467(6):723–32. PMID:26403583
1400. Yip CC, Au EK, Choo CT (2002). Lacrimal sac tumour presenting with blood-stained ocular discharge. *Singapore Med J*. 43(3):156–8. PMID:12005344
1401. Yip CC, Bartley GB, Habermann TM, Garrity JA (2002). Involvement of the lacrimal drainage system by leukemia or lymphoma. *Ophthalm Plast Reconstr Surg*. 18(4):242–6. PMID:12142754
1402. Yonekawa Y, Kim IK (2012). Epidemiology and management of uveal melanoma. *Hematol Oncol Clin North Am*. 26(6):1169–84. PMID:23116575
1403. You JY, Finger PT, Jacob C, McCormick SA, Milman T (2013). Intraocular schwannoma. *Surv Ophthalmol*. 58(1):77–85. PMID:22981398
1404. Yousef YA, Finger PT (2012). Squamous carcinoma and dysplasia of the conjunctiva and cornea: an analysis of 101 cases. *Ophthalmology*. 119(2):233–40. PMID:2189448
1405. Yu FX, Luo J, Mo JS, Liu G, Kim YC, Meng Z, et al. (2014). Mutant Gq/11 promote uveal melanoma tumorigenesis by activating YAP. *Cancer Cell*. 25(6):822–30. PMID:24882516
1406. Yu GP, Hu DN, McCormick S, Finger PT (2003). Conjunctival melanoma: is it increasing in the United States? *Am J Ophthalmol*. 135(6):800–6. PMID:12788119
1407. Zako M, Takeyama M, Naito E, Mizumoto K, Iwaki M (2012). Choroidal and optic disc metastases from breast cancer and their response to combination pharmacotherapy with tamoxifen, cyclophosphamide hydrate, letrozole, and bevacizumab. *J Ocul Pharmacol Ther*. 28(1):89–93. PMID:22011078
1408. Zamir E, Mechoulam H, Micera A, Levi-Schaffer F, Pe'er J (2002). Inflamed juvenile conjunctival naevus: clinicopathological characterisation. *Br J Ophthalmol*. 86(1):28–30. PMID:11801498
1409. Zelefsky JR, Revercomb CH, Lantos G, Warren FA (2008). Isolated lymphoma of the anterior visual pathway diagnosed by optic nerve biopsy. *J Neuroophthalmol*. 28(1):36–40. PMID:18347457
1410. Zemba M, Stamate AC, Papadatu CA, Avram CI, Malciolu R, Ochinciu U, et al. (2014). The significance of imaging in a case of intraorbital cystic tumor. *Oftalmologia*. 58(2):18–24. [Romanian] PMID:25300124
1411. Zembowicz A, Mandal RV, Choopong P (2010). Melanocytic lesions of the conjunctiva. *Arch Pathol Lab Med*. 134(12):1785–92. PMID:21128776
1412. Zhan KY, Khaja SF, Flack AB, Day TA (2016). Benign parotid tumors. *Otolaryngol Clin North Am*. 49(2):327–42. PMID:27040584
1413. Zhang J, Jianmin, Wang N, Shi J, Ge X (2009). A case of primary oncocyctic adenocarcinoma of the lacrimal sac. *BMJ Case Rep*. 2009. PMID:21747898
1414. Zhang R, Qian J, Yuan Y, Bi Y (2015). Atypical clinical presentation of orbital adenoid cystic carcinoma. *J Cancer Res Ther*. 11(4):1035. PMID:26881639
1415. Zhao M, Mu Y, Dang Y, Zhu Y (2014). Secondary glaucoma as initial manifestation of ring melanoma: a case report and review of literature. *Int J Clin Exp Pathol*. 7(11):8163–9. PMID:25550867
1416. Zhong FL, Mamai O, Sborgi L, Boussofara L, Hopkins R, Robinson K, et al. (2016). Germline NLRP1 mutations cause skin inflammatory and cancer susceptibility syndromes via inflammasome activation. *Cell*. 167(1):187–202.e17. PMID:27662089
1417. Zhou M, Shen D, Head JE, Chew EY, Chévez-Barrios P, Green WR, et al. (2007). Ocular clusterin expression in von Hippel-Lindau disease. *Mol Vis*. 13:2129–36. PMID:18079682
1418. Zhou Q, Chang H, Zhang H, Han Y, Liu H (2012). Increased numbers of p63-positive/CD117-positive cells in advanced adenoid cystic carcinoma give a poorer prognosis. *Diagn Pathol*. 7:119. PMID:22963430
1419. Zhu MM, Cui HG, Teng XD (2015). GCDPF-15, AR, and Her-2 as biomarkers for primary ductal adenocarcinoma of the lacrimal gland: a Chinese case and literature review. *Onco Targets Ther*. 8:1017–24. PMID:25999735
1420. Zimmer-Galler I, Lie JT (1994). Choroidal infiltrates as the initial manifestation of lymphoma in rheumatoid arthritis after treatment with low-dose methotrexate. *Mayo Clin Proc*. 69(3):258–61. PMID:7510810
1421. Zimmerman LE (1965). Melanocytes, melanocytic nevi, and melanocytomas. *Invest Ophthalmol*. 4:11–41. PMID:14271285
1422. Zimmerman LE (1970). The remarkable polymorphism of tumours of the ciliary epithelium. *Trans Aust Coll Ophthalmol*. 2:114–25. PMID:5525160
1423. Zimmerman LE (1971). Phakomatous choristoma of the eyelid. A tumor of lenticular anlage. *Am J Ophthalmol*. 71(1 Pt 2):169–77. PMID:5542122
1424. Zimmerman LE, Thoreson HT (1964). Sudden loss of vision in acute leukemia. A clinicopathologic report of two unusual cases. *Surv Ophthalmol*. 9:467–73. PMID:14199728
1425. Zimmermann-Paiz MA, García de la Riva JC (2015). Conjunctival tumors in children: histopathologic diagnosis in 165 cases. *Arq Bras Oftalmol*. 78(6):337–9. PMID:26677032
1426. Zinkham WH (1978). Visceral larva migrans. A review and reassessment indicating two forms of clinical expression: visceral and ocular. *Am J Dis Child*. 132(6):627–33. PMID:350038
1427. Zoeller GK, Brathwaite CD, Sandberg

