

References

(A)

Altintas O, Yüksel N, Karabas VL, Demirci G (2005). Cystoid macular edema associated with latanoprost after uncomplicated cataract surgery. *Eur J Ophthalmol* 15:158–61.

Ang LP, Aung T, Chew PT (2000). Acute primary angle closure in an Asian population: long-term outcome of the fellow eye after prophylactic laser peripheral iridotomy. *Ophthalmology* 107:20926.

Aptel F, Denis P (2010). Optical coherence tomography quantitative analysis of iris volume changes after pharmacologic mydriasis. *Ophthalmology* 117: 3–10.

Arshinoff SA.(1999).Dispersive-cohesive viscoelastic soft shell technique. *J Cataract Refract Surg* 25(2):167–173.

Ashton N (1969). Anatomical studies of the trabecular meshwork of the normalhuman eye. *Trans Ophthalmol Soc. UK.*, 98: 526.

Aung T, Tow SL, Yap EY, et al. (2000). Trabeculectomy for acute angle closure. *Ophthalmology* 107:1298-302.

(B)

Bellucci R, Perfetti S, Babighian S, Morselli S, and Bonomi L (1997). Filtration and complications after trabeculectomy and after phaco-trabeculectomy. *Acta Ophthalmol Scand Suppl* 44 45.

Borazan M, Karalezli A, Akman A, Akova YA. (2007). Effect of antiglaucoma agents on postoperative intraocular pressure after cataract surgery with Viscoat. *J Cataract Refract Surg.* 33:1941–5.

(C)

Campbell DG, Vela A. (1985). New concepts in angle-closure glaucoma. *Trans New Orleans Acad Ophthalmol* 33:15–26.

Canlas Oscar Andrew Q., Hiroshi Ishikawa, Jeffrey M. Liebmann, Robert Ritch. (2001). Ultrasound Biomicroscopy before and after goniosynechialysis. *Am J Ophthalmol* 132:570–571.

Catherine Birt(2003). <http://eyelearn.med.utoronto.ca/OcuAnatLecture/AnatCiliary.htm>, Faculty of Medicine, University of Toronto.

Chung CF, Liang CC, Lai JS, Lo ES. (2005). Safety of trypan blue 1% and indocyanine green 0.5% in assisting visualization of anterior capsule during phacoemulsification in mature cataract. *J Cataract Refract Surg.* 31:938–42.

Cl Phillips. (1972). Aetiology of angle-closure glaucoma. *Br J Ophthalmol.* 56:248-53.

Congdon NA, Youlin Q, Quigley H, et al. (1997). Biometry and primary angle-closure glaucoma among Chinese, white, and black populations. *Ophthalmology* 104:1489-95.

Congdon NG, Qi Y, Quigley HA, et al.(1997). Biometry and primary angle-closure glaucoma among Chinese, white, and black populations. *Ophthalmology* 104:1489–1495.

Costa VP, Smith M, Spaeth GL, Gandham S, Markovitz B.(1993).
Loss of visual acuity after trabeculectomy.
Ophthalmology100:599– 612.

(D)

Delmarcelle Y, Francois J, Goes F, et al. (1976). Clinical ocular
biometry (oculometry). Bull Soc Belge. Ophthalmol. 172:1-608.

**Duguid IG, Claoue CM, Thamby-Rajah Y, Allan BD, Dart JK, Steele
AD. (1995).** Topical anesthesia for phacoemulsification surgery.
Eye 9:456–9.

(E)

Euswas A and Warrasak S. (2005). Intraocular pressure control
following phacoemulsification in patients with chronic angle
closure glaucoma. J Med Assoc Thai 88(suppl 9):S121–S125.

Ezra DG, Nambiar A, Allan BD. (2008). Supplementary intracameral
lidocaine for phacoemulsification under topical anesthesia. A meta-
analysis of randomized controlled trials. Ophthalmology 115:455–
87.

(F)

Fang Ai-wu, Xin-jun Yang, Li Nie, Jia Qu. (2010). Endoscopically
Controlled Goniosynechialysis in Managing Synechial Angle-
closure Glaucoma. J Glaucoma 19:19–23

- Feeney L And Wissing S (1966).** Outflow studies using an electron denstrocer. Trans. Amer. Acad. Ophthalmol and otolaryng, 50-791. Quoted from: Nasr El-Din A, : A Review of Some of the Recent methods for early diagnosis of chronic simple glaucoma. MSc. Essay Ophthalmology, Cairo University (1990).
- Foster PJ. (2002).** The epidemiology of primary angle closure and associated glaucomatous optic neuropathy. Semin Ophthalmol. 17:50-8.
- Foster P, Buhrmann R, Quigley H, et al. (2002).** The definition and classification of glaucoma in prevalence surveys. Br J Ophthalmol. 86:238-42.
- Foster PJ and Johnson GJ (2001).** Glaucoma in China: how big is the problem? Br J Ophthalmol 85:1277–1282.
- Freddo T. (1993).** Ocular anatomy and physiology related to aqueous production and outflow. In: Lewis T, Fingeret M. (eds). Primary Care of the Glaucomas. Stamford, Conn: Appleton and Lange. Chapter 3 :P 17-42.
- Friedman DS, Gazzard G, Foster P, et al. (2003).** Ultrasonography biomicroscopy, scheimpflug photography, and novel provocative tests in contralateral eyes of Chinese patients initially seen with acute angle closure. Ophthalmology 121:633-42.

(G)

Ge J, Guo Y, Liu Y. (2001). Preliminary clinical study on the management of angle closure glaucoma by phacoemulsification with foldable posterior chamber intraocular lens implantation. [Chinese] *Zhonghua Yan Ke Za Zhi* 37:355–358. Quoted from: **Poley Brooks J., Lindstrom Richard L., Samuelson Thomas W. et al. (2009).** Intraocular pressure reduction after phacoemulsification with intraocular lens implantation in glaucomatous and nonglaucomatous eyes. *J Cataract Refract Surg* 35:1946-1955.

George R, Paul PG, Baskaran M, et al. (2003). Ocular biometry in occludable angles and angle closure glaucoma: a population based survey. *Br J Ophthalmol* 87:399–402.

(H)

Harasymowycz Paul J., Demosthenes G. Papamatheakis, Iqbal Ahmed, Alfred Assalian, Mark Lesk, Yousif Al-Zafiri, Christoph Kranemann, and Cindy Hutnik (2005). Phacoemulsification and goniosynechialysis in the management of unresponsive primary angle closure. *J Glaucoma* 14:186–189.

Hayashi K, Hayashi H, Nakao F, Hayashi F. (1996). Corneal endothelial cell loss in phacoemulsification surgery with silicone intraocular lens implantation. *J Cataract Refract Surg*. 22:743–7.

Hayashi K, Hayashi H, Nakao F, et al. (2000). Changes in anterior chamber angle width and depth after intraocular lens implantation in eyes with glaucoma. *Ophthalmology* 107:698–703.

He M, Lu Y, Liu X, et al. (2008). Histologic changes of the iris in the development of angle closure in Chinese eyes. *J Glaucoma* 17:386–392.

Heys JJ, Barocas VH, Taravella MJ. (2001). Modeling passive mechanical interaction between the aqueous humor and iris. *J Biomech Eng.* 123:540-7.

Ho CL, Walton DS, Pasquale LR. (2004). Lens extraction for angle-closure glaucoma. *Int Ophthalmol Clin.* 44: 213-28.

Hoh ST, Gazzard GA, Oen F, et al. (2001). Laser Iridotomy versus Primary Phacoemulsification. *Asia Pacif J Ophthalmol.* 13:22-3.

(I)

Imaizumi M, Takaki Y, Yamashita H. (2006). Phacoemulsification and intraocular lens implantation for acute angle closure not treated or previously treated by laser iridotomy. *J Cataract Refract Surg* 32:85–90.

(J)

John M, Soucek J, Noblitt RL, Boleyn KL, Davis LC. (1993). Sideport incision paracentesis versus anti-glaucoma medication to control postoperative pressure rises after intraocular lens surgery. *J Cataract Refract Surg.*19:62–3.

(K)

Khan B.U. (2010). Cataract extraction as treatment for acute and chronic angle closure glaucomas. In: Schacknow P.N. and J.R. Samples (eds.): The Glaucoma Book: A Practical, Evidence-Based Approach to Patient Care.1st Edition, Springer Science+Business Media, LLC. Ch.78:p 905-12.

Khan B and Ahmed II. (2006). Phaco and Goniosynechiolysis using Microforceps for Synechial Angle Closure Glaucoma. American Glaucoma Society Meeting. Quoted from: **Khan B.U. (2010).** Cataract extraction as treatment for acute and chronic angle closure glaucomas. In: Schacknow P.N. and J.R. Samples (eds.): The Glaucoma Book: A Practical, Evidence-Based Approach to Patient Care.1st Edition, Springer Science+Business Media, LLC. Ch.78:p 905-12.

Kim YY and Jung HR. (1997). Clarifying the nomenclature for primary angle-closure glaucoma. Surv Ophthalmol. 42(2): 125-36.

Kimbrough RL, Trempe CS, Brockhurst RJ, Simmons RJ. (1979) Angle-closure glaucoma in nanophthalmos. Am J Ophthalmol. 88:572-9.

Ko YC, Liu CJ, Lau LI, Wu CW, Chou JC, Hsu WM. (2008). Factors related to corneal endothelial damage after phacoemulsification in eyes with occludable angles. J Cataract Refract Surg.34:46–51.

Kubota T, Toguri I, Onizuka N, Matsuura T. (2003). Phacoemulsification and intraocular lens implantation for angle closure glaucoma after the relief of pupillary block. *Ophthalmologica*.217:325–8.

Kumar RS, Quek D, Lee KY, et al.(2008). Confirmation of the presence of uveal effusion in Asian eyes with primary angle closure glaucoma: an ultrasound biomicroscopy study. *Arch Ophthalmol* 126:1647–1651.

(L)

Lai J.S.M. (2009). Cataract surgery in the primary angle closure Patient .In: Johnson S.M. (ed.): Cataract surgery in the glaucoma patient.1st Edition, Springer Science+Business Media, LLC. Ch.18:P 189-96.

Lai J.S.M., Clement C. Y. and Dennis S. C. Lam, (2001). The Efficacy and Safety of Combined Phacoemulsification, Intraocular Lens Implantation, and Limited Goniosynechialysis, Followed by Diode Laser Peripheral Iridoplasty, in the Treatment of Cataract and Chronic Angle-closure Glaucoma. *Journal of Glaucoma* 10:309–315.

Lai JS and Tham CC. (2000). Efficacy and safety of inferior 180 degrees goniosynechialysis followed by diode laser peripheral iridoplasty in the treatment of chronic angle-closure glaucoma. *J Glaucoma*.9:388–391.

Lai J, Tham C, Lam D. (2002). Incisional Surgery for angle closure glaucoma. *Sem Ophthalmol*. 17(2):92-9.

- Lai JS, Tham CC, Chua JK, et al. (2002).** Laser peripheral iridoplasty as initial treatment of acute attack of primary angle-closure: a long-term follow-up study. *J Glaucoma*.11:484-7.
- Lai J.S.M, Tham CCY, Chan JCH. (2006).** The clinical outcomes of cataract extraction by phacoemulsification in eyes with primary angle-closure glaucoma (PACG) and coexisting cataract; a prospective case series. *J Glaucoma* 15:47–52.
- Lam DS, Lai JS, Tham CC, et al. (2002).** Argon laser peripheral iridoplasty versus conventional systemic medical therapy in treatment of acute primary angle-closure glaucoma: a prospective, randomized, controlled trial. *Ophthalmology*.109:1591-6.
- Lam DS, Lai JS, Tham CC. (1998).** Immediate argon laser peripheral iridoplasty as treatment for acute attack of primary angle-closure glaucoma: a preliminary study. *Ophthalmology*.105:2231--6, 1998.
- Lee DA, Brubaker RF, Ilsrup DM. (1984).** Anterior chamber dimensions in patients with narrow angles and angle closure glaucoma. *Arch Ophthalmol*. 102:46-50.
- Lee JY, Kim YY, Jung HR. (2006).** Distribution and characteristics of peripheral anterior synechiae in primary angle-closure glaucoma. *Korean J Ophthalmol* 20:104–108.
- Lim KJ, Hyung SM, Youn DH. (1992).** Ocular dimensions with aging in normal eyes. *Korean J Ophthalmol*. 6:19-31.

Lim L, Aung T, Husain R, et al. (2004). Acute primary angle closure: configuration of the drainage angle in the first year after laser peripheral iridotomy. *Ophthalmology* 111(8):1470-4.

Lim L, Husain R, Gazzard G. (2005). Cataract progression after prophylactic laser peripheral iridotomy: potential implications for the prevention of glaucoma blindness. *Ophthalmology*.112:1355-9.

Lowe RF. (1969). Causes of shallow anterior chamber in primary angle-closure glaucoma. *Am J Ophthalmol.* 67:87-93.

Lowe RF. (1970). Aetiology of the anatomical basis for primary angle closure glaucoma. *Br J Ophthalmol.* 54: 161-9.

(M)

Mandell MA, Pavlin CJ and Weisbrod DJ (2003). Anterior chamber depth in plateau iris syndrome and pupillary block as measured by ultrasound biomicroscopy. *Am J Ophthalmol* 136:900–903.

Mapstone R. (1974). Precipitation of angle closure. *Br J Ophthalmol.* 58:36-54.

Mochizuki H, Takenaka J, Sugimoto Y, et al. (2010). Comparison of the prevalence of plateau iris configurations between angle-closure glaucoma and open-angle glaucoma using ultrasound biomicroscopy. *J Glaucoma* doi: 10.1097.

(N)

National Eye Institute (2004). Photos, Images, and Videos. Normal Eye Anatomy. <http://www.nei.nih.gov/photo/eyean/index.asp>.

Nolan WP, Foster PJ, Devereux JG, et al. (2000). YAG laser iridotomy treatment for primary angle-closure glaucoma in East Asian eyes. *Br J Ophthalmol.* 84:1255-9.

Nonaka A, Kondo T, Kikuchi M, et al. (2005). Cataract surgery for residual angle closure after peripheral laser iridotomy. *Ophthalmology* 112:974–9.

Nongpiur ME, Judy Y.F. Kua and Tin Aung (2011). Angle closure glaucoma: a mechanistic review. *Current Opinion in Ophthalmology* 22:96–101.

Nongpiur ME, Sakata LM, Friedman DS, et al. (2010). Novel association of smaller anterior chamber width with angle closure in Singaporeans. *Ophthalmology* 117:1967–1973.

Nuyts RM, Edelhauser HF, Holley GP. (1995). Intraocular irrigating solution, a comparison of Hartmann's lactated Ringer's solution, BSS and BSS Plus. *Graefes Arch Clin Exp Ophthalmol* 233: 655–61.

(O)

O'Brien PD, Ho SL, Fitzpatrick P, Power W. (2007). Risk factors for a postoperative intraocular pressure spike after phacoemulsification. *Can J Ophthalmol.* 42:51–5.

Obuchowska I, Mariak Z. (2005). Risk factors of massive suprachoroidal hemorrhage during extracapsular cataract extraction surgery. *Eur J Ophthalmol.* 15:712–7.

(P)

Pereira FA, Cronemberger S. (2003). Ultrasound biomicroscopic study of anterior segment changes after phacoemulsification and foldable intraocular lens implantation. *Ophthalmology* 110: 1799–1806.

Pong JC, Tang EW, Tang WW, Lai JS. (2008). Toxic anterior segment syndrome after intraocular lens repositioning with intracameral adrenaline. *J Cataract Refract Surg.* 34: 1999-91.

(Q)

Quigley HA. (1996). Number of people with glaucoma worldwide. *Br J Ophthalmol* 80:389–393.

Quigley HA, Friedman DS, Congdon NG. (2003). Possible mechanisms of primary angle-closure and malignant glaucoma. *J Glaucoma* 12:167– 180.

Quigley HA, Silver DM, Friedman DS, et al. (2009). Iris cross-sectional area decreases with pupil dilation and its dynamic behavior is a risk factor in angle closure. *J Glaucoma* 18:173–179.

(R)

- Razeghinejad M. Reza, Feisal Rahat. (2010).** Combined phacoemulsification and viscogoniosynechialysis in the management of patients with chronic angle closure glaucoma. *Int Ophthalmol* 30:353–359.
- Razeghinejad MR (2008).** Combined phacoemulsification and viscogoniosynechialysis in patients with refractory acute angle-closure glaucoma. *J Cataract Refract Surg* 34:827–830.
- Ritch R. (1982).** Argon laser treatment for medically unresponsive attacks of angle-closure glaucoma. *Am J Ophthalmol.* 94:197-204.
- Ritch R, Chang BM, Liebmann JM. (2003).** Angle closure in younger patients. *Ophthalmology.*110:1880-9.
- Ritch R and Lowe RF. (1996).** Angle closure glaucoma: mechanisms and epidemiology. In Ritch R, Shields MB, Krupin T (eds): *The Glaucomas*. St. Louis, CV Mosby, pp. 801—19.
- Ritch R, Solomon LD. (1992).** Argon laser peripheral iridoplasty for angle-closure glaucoma in siblings with Weill-Marchesani syndrome. *J Glaucoma.*1:243-7.
- Ritch R, Tham CC, Lam DS. (2007).** Argon laser peripheral iridoplasty: an update. *Surv Ophthalmol.* 52(3):279-88.
- Rosman M, Aung T, Ang LP, et al. (2002).** Chronic angle-closure with glaucomatous damage: long term clinical course in a North American population and comparison with an Asian population. *Ophthalmology.*109:2227-31.

(S)

Sakai H, Ishikawa H, et al. (2003). Prevalence of ciliochoroidal effusion after prophylactic laser iridotomy. *Am J Ophthalmol.*136:537-8.

Sakuma T, Sawada A, Yamamoto T, Kitazawa Y. (1997). Appositional angle closure in eyes with narrow angles: an ultrasound biomicroscopic study. *J Glaucoma* 6:165–169.

Sankar PS, Pasquale LR, Grosskreutz CL. (2001). Uveal effusion and secondary angle-closure glaucoma associated with topiramate use. *Arch Ophthalmol.* 119:1210-1.

Seang-Mei S, Gazzard G, Friedman D. (2003). Interventions for angle-closure glaucoma: an evidence-based update. *Ophthalmology.* 110:1869-79.

Sharma TK, Nessim M, Kyprianou I, Kumar V, Shah P, O_Neil E.(2008). Vitreous loss during phacoemulsification in glaucoma patients: long-term intraocular pressure control. *J Cataract Refract Surg.* 34:831– 4.

Sihota R (2011). Classification of primary angle closure disease .*Current Opinion in Ophthalmology* 22:87–95.

Sihota R, Dada T, Gupta R, et al. (2005). Ultrasound biomicroscopy in the Subtypes of primary angle closure glaucoma. *J Glaucoma* 14:387–391.

Sihota R, Dada T, Gupta V, et al. (2006). Narrowing of the anterior chamber angle during Valsalva maneuver: a possible mechanism for angle closure. *Eur J Ophthalmol* 16:81–91.

- Sihota R, Ghate D, Mohan S, et al. (2008).** Study of biometric parameters in family members of primary angle closure glaucoma patients. *Eye* 22:521–527.
- Sihota R, Lakshmaiah NC, Agarwal HC, et al. (2000).** Ocular parameters in the subgroups of angle closure glaucoma. *Clin Exp Ophthalmol* 28: 253–258.
- Sihota R, Lakshmaiah NC, Walia KB, et al. (2001).** The trabecular meshwork in acute and chronic angle closure glaucoma. *Indian J Ophthalmol* 49:255–260.
- Silver DM, Quigley HA. (2004).** Aqueous flow through the iris- lens channel: estimates of differential pressure between the anterior and posterior chambers. *J Glaucoma* 13: 100-7.
- Smith RJ (1965).** *Clinical glaucoma*, 1st ed. Cassel- London.
- Soong T, Soultanidis M, C.laoué C, Gallagher M, Thomson S. (2006).** Safety of intracameral mydriasis in phacoemulsification cataract surgery. *J Cataract Refract Surg.* 32:375–6.
- Spaeth GL. (2006).** The clinical outcomes of cataract extraction by phacoemulsification in eyes with primary angle-closure glaucoma (PACG) and co-existing cataract: a prospective case series. *J Glaucoma*; 15:346.
- Speakman J (1960).** Drainage channel in trabecular wall of schlemm's cannal. *Br. J. Ophthalmol* , 44: 513.

(T)

- Tanihara H, Nagata M. (1991).** Argon laser gonioplasty following goniosynechialysis. *Graefes Arch Clin Exp Ophthalmol* 229: 505–7.
- Tanihara H, Nishinaki K, Nagata M. (1992).** Surgical results and complications of goniosynechialysis. *Graefes Arch Clin Exp Ophthalmol*. 230:309-13.
- Tarongoy P., Ching Lin Ho, and David S. Walton, (2009).** Angle-closure Glaucoma: The Role of the Lens in the pathogenesis, prevention, and treatment. *Surv Ophthalmol* 54:211—225.
- Teekhasaene C, Ritch R. (1999).** Combined phacoemulsification and goniosynechialysis for uncontrolled chronic angle-closure glaucoma after acute angle-closure glaucoma. *Ophthalmology* 106(4):669–674.
- Tello C, Tran HV, Liebmann J, Ritch R. (2002).** Angle closure: classification, concepts, and the role of ultrasound biomicroscopy in diagnosis and treatment. *Semin Ophthalmol* 17:69–78.
- Tham CC, Kwong YY, Lai JS, Lam DS. (2006).** Effect of a previous acute angle closure attack on the corneal endothelial cell density in chronic angle closure glaucoma patients. *J Glaucoma*.15:482–548.
- Tham CC, Kwong YY, Leung DY, et al. (2008).** Phacoemulsification alone versus combined phaco-trabeculectomy in medically controlled chronic angle closure glaucoma with coexisting cataract. *Ophthalmology* 101:1044-6.

Tham CC, Lai JS, Lam DS. (1999). Immediate argon laser peripheral iridoplasty for acute attack of PACG (addendum to previous report). *Ophthalmology* 106:1042-3.

Timothy V. Roberts, Ian C. Francis, Sam Lertusumitkul, Medduma B. Kappagoda, Minas T. Coroneo (2000). Primary phacoemulsification for uncontrolled angle-closure glaucoma. *J Cataract Refract Surg* 26: 1012–1016.

Tran HV, Liebmann JM, Ritch R. (2003). Iridociliary apposition in plateau iris syndrome persists after cataract extraction. *Am J Ophthalmol.* 135:40-3.

(V)

Varma D, Adams WE, Phelan PS, Fraser SG (2006) Viscogonioplasty in patients with chronic narrow angle glaucoma. *Br J Ophthalmol* 90:648–649.

Varma D, Baylis O, Wride N, et al. (2007). Viscogonioplasty: an effective procedure for lowering intraocular pressure in primary angle closure glaucoma. *Eye* 21:472–475.

(W)

Wand M, Grant WM, Simmons RJ, Hutchinson BT. (1997). Plateau iris syndrome. *Trans Am Acad Ophthalmol Otolaryngol.* 83:122 30.

- Wang BS, Narayanaswamy A, Amerasinghe N, et al. (2011).** Increased iris thickness and association with primary angle closure glaucoma. *Br J Ophthalmol* 95:46–50.
- Wang BS, Sakata LM, Friedman DS. (2010).** Quantitative iris parameters and association with narrow angles. *Ophthalmology* 117:11–17.
- Watts P and Austin M. (1999).** Retained Viscoat and intraocular pressure after phaceomulsification. *Indian J Ophthalmol.* 47:237–40.
- Wojciechowski OD, Congdon NM, Anninger W. (2003).** Age, gender, biometry, refractive error, and the anterior chamber angle among Alaskan Eskimos. *Ophthalmology* 110:365-75.
- Wolff E (1976).** *Anatomy of the eye and orbit*, 7th. Ed. Lowis Co. Ltd. London.
- Wu RY, Nongpiur ME, He MG, et al. (2011).** Association of narrow angles with anterior chamber area and volume measured with anterior segment optical coherence tomography. *Arch Ophthalmol* 22:96–101.

(Y)

- Yang M, Aung T, Husain R, et al. (2005).** Choroidal expansion as a mechanism for acute primary angle closure: an investigation into the change of biometric parameters in the first 2 weeks. *Br J Ophthalmol* 89: 288–290.

Yoon JY, Hong YJ, Kim CY. (2003). Cataract surgery in patients with acute primary angle-closure glaucoma. *Korean J Ophthalmol* 17:122—6.

Yuen NS, Chan OC, Hui SP, Ching RH. (2007). Combined phacoemulsification and nonpenetrating deep sclerectomy in the treatment of chronic angle-closure glaucoma with cataract. *Eur J Ophthalmol* 17(2): 208–215.