

REFERENCES

- Abad J.C. and Azar D.T.:** Current Concepts, Classification, and History of Refractive Surgery. In Yanoff M. and Ducker J.S. (eds). Ophthalmology. Mosby, second edition, (2004); 123.
- Anderson D.R., Jin J.C. and Wright M.M.:** The physiologic characteristics of relative pupillary block. Am J Ophthalmol (1991); 15; 111(3): 344-350.
- Bamber J.C.:** Attenuation and absorption. In Hill C.R. Physical principles of medical ultrasonics. London, Ellis Horwood limited, (1986); chapter 4.
- Behrouz J.M., Kheirkhah A., Hashemian H. and Nazari R.:** Anterior segment parameters: Comparison of 1-piece and 3-piece acrylic foldable intraocular lenses. J Cataract Refract Surg (2010); 36: 1650-1655.
- Blinder K.J., Blumenkranz M.S., Bressler N.M., et al.:** Verteporfin therapy of subfoveal choroidal neovascularization in pathologic myopia. Ophthalmol (2003); 110: 667-673.
- Curtin J.:** The myopias: basic science and clinical management. Philadelphia, Harper & Row, Publishers, Inc., (1985): 168-180.
- Curtin J.:** Physiologic vs pathologic myopia: genetics vs environment. Ophthalmol (1996): 681-691.
- Foster F.S., Starban M. and Austin G.:** The ultrasonic Macroscopic. Ultrasonic Imaging (1984); 6: 243-261.

-Foster F.S., Pavlin C.J., Lockwood G.R., Ryan L.K., Harasiewicz K.A., Berube L.R., and Rauth A.M.: Principles and applications of ultrasound backscatter microscopy. IEEE, Trans, UFFC, (1993); 40: 608-617.

- Foster F.S., Harasiewicz K.A. and Sherar M.D.: A history of medical and biological imaging with polyvinylidene fluoride (PVDF) transducers. IEEE Trans Ultrason Ferroelectr Freq Control (2000); 47: 1363–1371.

-Frederico A. S. Pereira and Sebastiao Cronemberger: Ultrasound Biomicroscopic Study of Anterior Segment Changes after Phacoemulsification and Foldable Intraocular Lens Implantation. Am J Ophthalmol (2003); 110: 1799-1806.

-Georgopoulos M., Vock L., Neumayer T. and Findl O.: Impact of haptic size on intraocular lens position. Paper presented at the XXVI (26th) Congress of the ESCRS in Berlin; September 13-17, (2008).

-Georgopoulos M.: Can variable IOL diameter result in improved fitting, influence on IOL axial position, centration and incidence of PCO? Ophthalmology Times Europe; (2009), retrieved from <http://www.osnsupersite.com>.

-Grossniklaus E. and Green R.: Pathologic findings in pathologic myopia. Retina (1992); 12: 127-133.

-Guo X. P., Gao Y., Chen G. and Liu X. L.: A Quantitative study of anterior chamber angle with ultrasound biomicroscopy after cataract

surgery with phacoemulsification and foldable intraocular lenses implantation. Zhonghua Yan Ke Za Zhi (2004);40: 94-96.

-**Health M.:** An introduction to ultrasound physics for general practitioners (1999) retrieved from <http://www.sci.port.ac.uk.com>.

-**Hayashi K. and Hideyuki H.:** Comparison of the stability of 1-piece and 3-piece acrylic intraocular lenses in the lens capsule. J Cataract Refract Surg (2005); 31: 337-342.

-**Hayashi K., Hirata A. and Hideyuki H.:** Possible Predisposing Factors for In-the-Bag and Out-of-the-Bag Intraocular Lens Dislocation and Outcomes of Intraocular Lens Exchange Surgery. Ophthalmol (2007); 114: 2127-2134.

-**Huang C., Liu B. and Brezinski M.E.:** Ultrasound-enhanced optical coherence tomography: improved penetration and resolution. J Opt Soc Am (2008); 938-946.

-**Ishikawa H. and Schuman J.S.:** Anterior segment imaging: ultrasound biomicroscopy. Ophthalmol Clin N Am (2004); 17: 7-20.

-**Jiminez-Alfaro I., Gracia-Feijoo J., Perez-Santonja J.J. and Cuina R.:** Ultrasound biomicroscopy of ZSAL-4 anterior chamber phakic intraocular lens for high myopia. J Cataract Refract Surg (2001); 27: 1567-1573.

-Kim S.K., Kim H.M. and Song J.S.: Comparison of Internal Anterior Chamber Diameter Modalities: 35-MHz Ultrasound Biomicroscopy, Visante Optical Coherence Tomography, and Pentacam. J Refract Surg (2010); 26: 120-126.

-Koch P. S.: Phacoemulsification in patients with high myopia. In Lus W. Lu and I. Howard Fine. Phacoemulsification in Difficult and challenging cases Nj, Slack. New York (1999): 13-20.

-Koeppel C., Findl O., Kriechbaum K., Sacu S. and Drexler D.: Change in IOL position and capsular bag size with an angulated intraocular lens early after cataract surgery. J Cataract Refract Surg (2005); 31: 348-353.

-Kruse D., Fornaris J., Silverman R, Coleman D. and Ferrara K.W.: A swept-scanning mode for estimation of blood velocities in the microvasculature. IEEE Trans Ultrason Ferroelec Freq Control (1998); 45: 1437-1440.

-Kunimatsu S., Atsuo T., Kouichi M., Hiroyo T., Goji T., Aiko I. and Makoto A.: Prevalence of Appositional Angle Closure Determined by Ultrasonic Biomicroscopy in Eyes with Shallow Anterior Chambers. Ophthalmol (2005); 112: 407-412.

-Kurimoto Y., Park M., Skaue H. and Kondo T.: Changes in the anterior chamber configuration after small incision cataract surgery with posterior chamber intraocular lens implantation. Am J Ophthalmol (1997); 124: 775-780.

-Lyle W. and Jin J.: Phacoemulsification with intraocular lens implantation in high myopia. J Cataract Refract Surg (1996); 22: 238-242.

-Lyshchik A., Fleischer A.C., Huamani J. et al.: Molecular imaging of vascular endothelial growth factor receptor 2 expression using targeted contrast-enhanced high-frequency sonography. J Ultra Med (2007); 26: 1575-1586.

-Modesti M. and Apollini R.: Does one diameter IOL fit all capsular bags? Cataract & Refractive Surgery Today Europe (2009); Feb.: 21-24, retrieved from www.crstodayeurope.com/Issues.

-Nejima R., Miyai T., Kataoka Y., Miyata K., Honbou M., Tokunaga T., COT, Kawana K., Kiuchi T. and Oshika T.: Prospective Inpatient Comparison of 6.0-Millimeter Optic Single-Piece and 3-Piece Hydrophobic Acrylic Foldable Intraocular Lenses. Ophthalmol (2006); 113: 585-590.

-Oh J., Shinn H.H., Kim J.H., Kim H.M. and Song J.S.: Direct measurement of the ciliary sulcus diameter by 35-megahertz ultrasound biomicroscopy. Ophthalmol (2007); 114: 1685-1688.

-Ohmi S. and Uenoyama K.: Experimental evaluation of posterior capsule opacification and intraocular lens decentration: comparison of intraocular lenses of 12.5 mm and 14.00 mm diameter. J Cataract Refract Surg (2005); 19: 348-351.

-Pavlin C.J., Sherar M.D. and Foster F.S.: Subsurface ultrasound microscopic imaging of intact eye. *Ophthalmol* (1990); 97: 244-250.

-Pavlin C.J., Harasiewicz K., Sherar M.D. and Foster F.S.: Clinical use of ultrasound biomicroscopy. *Ophthalmol* (1991); 98: 287-295.

-Pavlin C.J., Harasiewicz K. and Foster F.S.: Ultrasound biomicroscopy of anterior segment structures in normal and glaucomatous eyes. *Am J Ophthalmol* (1992); 113: 381-389.

-Pavlin C.J., Ritch R. and Foster F.S.: Ultrasound biomicroscopy in plateau iris syndrome. *Am J Ophthalmol* (1992); 113: 390-395.

-Pavlin C.J., Easterbrook M., Hurwitz J.J., et al.: Ultrasound biomicroscopy in the assessment of anterior scleral disease. *Am J Ophthalmol* (1993); 116: 628-635.

-Pavlin C.J., Rootman D., Arshinoff S., et al.: Determination of haptic position of transsclerally fixated posterior chamber intraocular lenses by ultrasound biomicroscopy. *J Cataract Refract Surg* (1993); 19: 573-577.

-Pavlin C.J. and Foster F.S.: Basic considerations (chapter 1). *Ultrasound biomicroscopy of the eye*. New York; Springer Verlag, first edition; (1995): 3-60.

-Pavlin C.J., Christopher D.A., Burns P.N. and Foster F.S.: High frequency Doppler examination of the anterior segment of the eye. *Am J Ophthalmol* (1998); 126: 597-600.

-Pavlin C.J. and Foster F.S.: Ultrasound biomicroscopy. High-frequency ultrasound imaging of the eye at microscopic resolution. *Rad Clin North Am* (1998); 36: 1047–58.

-Pavlin C.J. and Foster F.S.: Ultrasound Biomicroscopy of the eye. In: Byrne S.F., Green R.L., editors. *Ultrasound of the eye and orbit*. St Louis (MO): Mosby; (2002): 223-235.

-Pavlin C.J.: New Development (2006); retrieved from <http://www.eyebm.com>.

-Pavlin C.J., Simpson E.R. and Foster F.S.: Ultrasound biomicroscopy. *Ultrasound Clin* (2008); 3: 185-194.

-Pop M., Payette Y. and Mansour M.: Predicting sulcus size using ocular mmeasurements. *J Cataract Refract Surg* (2001); 27: 1033-1038.

-Rondeau M.J., Barcsay G., Silverman R.H., Reinstein D.Z., Krishnamurthy R., Chabi A., Du T. and Coleman D.J.: Very High Frequency Ultrasound Biometry of the Anterior and Posterior Chamber Diameter. *J Refract Surg* (2004); 20: 454-464.

-Seward H., Packard R. and Allen D.: Management of cataract surgery in a high myope. *Br J Ophthalmol* (2001); 85: 1372-1378.

-Silverman H.R., Jonathan Cannata J., Shung K.K., Gal O., Patel M., Lloyd H.O., Feleppa E.J. and D. Jackson Coleman: 75 MHz Ultrasound Biomicroscopy of Anterior Segment of Eye. *Ultrason Imaging* (2006); 28: 179-188.

-Silverman R.H.: High-resolution ultrasound imaging of the eye – a review. *Clin Experiment Ophthalmol* (2009); 37: 54–67.

-Sherar M.D. and Foster F.S.: The design and fabrication of high frequency poly(vinylidene fluoride) transducers. *Ultrason Imag* (1989); 11: 75-94.

-Sherar M.D., Noss M.B. and Foster F.S.: Ultrasound backscatter microscopy images the internal structure of living tumor spheroids multicellular tumor spheroids. *Nature* (1989); 330: 493-495.

-Sourdille P.: Does One Diameter IOL Fit All Capsular Bags? A System in which axial length and dioptric power determine overall IOL Length resulted in a better fit. *Cataract & Refractive Surgery Today Europe* (2009): 21-24, retrieved from www.crstodayeurope.com/Issues.

-Sourdille P., Modesti M. and Werner L.: Measurement of the capsular bag before and after implantation. *L'Ophthalmographe* (2009); 29: 9-11, retrieved from <http://www.croma.pl/files//ophthalmographe.pdf>.

-Tehrani M., Dick H.B., Krummenauer F., Pfirrmann G., Boyle T., Stoffelns B.M.: Capsule measuring ring to predict capsular bag diameter and follow its course after foldable intraocular lens implantation. *J Cataract Refract Surg* (2003); 29: 2127-2134.

-**Tello C., Leibmann J., Potash S.D., et al.:** measurement of ultrasound biomicroscopy images: intraobserver and interobserver reliability. Invest Ophthalmol Vis Sci (1994); 35: 3549-3552.

-**Thijssen M.J., Mol M.J. and Timer M.R.:** Acoustic parameters of ocular tissues. Ultrasound Med Biol (1983); 11: 157-161.

-**Vass C., Menapace R., Schmetterer K., Findl O., Rainer G. and Steineck:** Prediction of pseudophakic capsular bag diameter based on biometric variables. J Cataract Refract Surg (1999); 10: 1376-1381.

-**Yanoff M. and Duker J.S.:** Ophthalmology. Mosby international Ltd. (2005).

-**Zhang S., Tang X. and Wang T.C.:** Study of anterior chamber configuration with panoramic ultrasound biomicroscopy after cataract surgery with phacoemulsification and foldable intraocular lenses implantation. Zhonghua Yan Ke Za Zhi (2008); 44: 301-305.

-**Zhou Q., Xu X., Gottlieb E.J. et al.:** PMN-PT single crystal, high-frequency ultrasonic needle transducers for pulsed wave Doppler application. IEEE Trans Ultrason Ferroelectr Freq Control (2007); 54: 668-675.

WEBSITES

- <http://www.croma.at>.
- [http:// www.crstodayeurope.com](http://www.crstodayeurope.com).
- <http://www.eyebm.com>.
- <http://www.innovamed.com>.
- <http://www.kestrelophththalmics.com>.
- <http://www.nyee.edu>.
- <http://www.osnsupersite.com>.
- <http://www.Paradigm-medical.com>.
- <http://www.sci.port.ac.uk.com>.
- <http://www.sonomedinc.com>.
- <http://www.ultrasound.theclinics.com>.