

References

Abolmaali A, Schachar RA.(2007):

“Sensitivity study of human crystalline lens accommodation.”
Computer Methods and Programs in Biomedicine. 85(1): 77-90,
2007

Adler P.(2002):

Efficacy of treatment for convergence insufficiency using vision
therapy. Ophthalmic & Physiological Optics: the Journal of the
British College of Ophthalmic Opticians. 2002; 22(6): 565-571.

Aggarwala KR (2005) :

Spectral bandwidth and ocular accommodation, Am J Ophthalmol
12: 450, 2005.

Allen D, Berman P, Brownson R, Olson D. (2006):

Analysis of the results of the Washington County District 15
Elementary School Vision Screening. The ABBO Study. Pacific
University College of Optometry, 2006.

Alpern M, Kincaid WM, Lubeck MJ.(2006):

Vergence and accommodation: III. Proposed definitions of AC/A
ratios. Am J Ophthalmol 2006; 48:141-8.

Alpern, M. (2008) :

Vergence and accommodation. I and II. Arch. Ophthalmol., 60,
355-357, 358-359.

References

Alpern, M. (2009) :

Movements of the eyes. In the eye. Ed. Davson, vol. III, 4th ed. Pt. 1. London and New York: Academic press

Alpern, M., Ellen, P. & Goldsmith, R. I. (2008) :

The electrical response of the human eye in far-to-near accommodation. Arch. Ophthal., 60, 595-602.

American Academy of Pediatrics (2006) :

Learning Disabilities, dyslexia, and vision: a subject review. Pediatrics. 1998. 102(5): (1217-1219). pediatrics;102/5/1217. Accessed on July 14, 2006.

Bando T, Takagi M, Toda H, Yoshizawa T.(2006):

Functional roles of the lateral suprasylvian cortex in ocular near response in the cat. Neuro. Res 2006; 15: 162-78. J. Neuro Ophthalmol 2002; 22: 15-17.

Banks (2008):

Physiological identification of midbrain neurons related to lens accommodation in cats J Neurophysiol 52: 870, 2004.

Bando T, Yamamoto N, Tsukahara N. (2004):

Cortical neurons relate to lens accommodation in posterior lateral suprasylvian area I cats. J Neurophysiol 52: 879, 2004.

Bando T, Yamamoto N, Tsukahara N. (2008):

Cortical neurons related to lens accommodation in posterior lateral suprasylvian area in cats. *J Neurophysiol* 2008; 52:879–91.

References

Barber Starr N.(2000):

Vision therapy for learning disabilities and dyslexia. Journal of Pediatric Health Care. 2000. 14(1):32-33.

Berens C, Stark E. (2005) :

Studies in ocular fatigue. IV. Fatigue of accommodation, experimental and clinical observations. Am J Ophthalmol 2005; 15:527-42.

Bernasconi O, Borruat FX. (2001) :

Unilateral accommodation spasm: a diagnostic pitfall Klin Monatsbl Augenheiked 1998; 212: 392-3. Optometry and Vision Science, Vol. 78, No. 7, July 2001.

Bito LZ, Miranda OC.(2000):

Accommodation and presbyopia. In ***Reinecke RD (Ed.)***, Ophthalmology annual. New York: ***Raven*** Press. 2000;103-28

Blaskey P and Scheiman (2000):

The effectiveness of ***Irlen*** filters for improving reading performance: a pilot study. Journal of Learning Disabilities. 2000. 23(10): 604-612.

Bohlmann BJ, France TD.(2001):

Persistent accommodative spasm nine years after head trauma. J Clin Neuroophthalmol 2001; 7: 129-34. Optometry and Vision Science, Vol. 78, No. 7, July 2001.

References

Bohlmann BJ, France TD.(2002):

Persistent accommodative spasm nine years after head trauma. J Clin Neuro-ophthalmol 1987; 7: 129-34. J. Neuro Ophthalmol 2002; 22: 15-17.

Bohlmann BJ, France TD.(2008):

Persistent accommodative spasm nine years after head trauma. J Clin Neuro-ophthalmol 2008 ;7:129–34.

Bolz, M., Prinz, A., Drexler, W., & Findl, O. (2007).

Linear relationship of refractive and biometric lenticular changes during accommodation in emmetropic and myopic eyes. British Journal of Ophthalmology, 91, 360–365.

Borish IM(2000):

Clinical refraction, 3th ed., Chicago, 2000, Professional,80,680-686.

Brenda J. Tripathi, The Eye (1997) :

Basic Sciences in Practice, p. 28, ISBN 0-7020-1790-6

Brenda J. Tripathi, The Eye (2010) :

Basic Sciences in Practice, p. 28, ISBN 0-7020-1790-6

Brooke B.(2002):

Anomalies of accommodation, British Journal of ophthalmology 19: 113, 2002.

Brown NP. (2007 a):

The change in shape and internal form of the lens of the eye on accommodation. Optometry and Vision Science 2007;15:441-59.

References

Brown NP.(2007):b

In the human lens in relation to cataract. CIBA Foundation Symposium 2007;19:65-78.

Brown NP.(2007):c

The change in lens curvature with age. Optometry and Vision Science 2007;19:175-83.

Brown, NP. (2004):

Paresis of accommodation. System of Ophthalmology. Vol XII, Neuro-ophthalmology. Henry Kimpton, London, UK.BERTIL Sterner 2004 ;12:55-56.

Cacho P, Garcia A, Lara F, Segui M. (2002):

Diagnostic signs of accommodative insufficiency. Optometry and Vision Science. Vol 79, No 9, 614-620

Calver RI, Cox MJ, Elliott DB (2009) :

Effect of aging on the monochromatic aberrations of the human eye, Optometry and Vision Science 16: 2069, 2009.

Colman (2005):

Dynamics of accommodation responses of the human eye. J Physiol 2005; 151:285-95.

Colman, (2000):

myopia. Optometry and Vision Science 2000; 43:925-6.

Campbell FW, Robson JG, Westhimer G(2005):

References

Fluctuations of accommodation under steady viewing conditions. J
Physiol (Lon 145: 579, 2005

Campbell FW, Westheimer G(2005):

Factors affecting accommodation responses in the human eye.
Optometry and Vision Science 49: 568,2005.

Carter DB.(2003):

Effects of prolonged wearing of prisms. Am J Optom. Arch Am
Acad Optom 2003; 40:265-73.

Cassin, B. ,Solomon S (2000):.

Accommodative adaptation in children. Optometry and Vision
Science.Apr;71(4):246–9

Chan RVP, Trobe JD. (2002):

Spasm of accommodation associated with closed head trauma. J
Neuro-Ophthalmol 2002;22:15–17.

Chen, L., Kruger, P. B., Hofer, H., Singer, B., & Williams, D. R. (2006) :

Ciuffreda KJ (2008) :

Accommodation, Pupil and presbyopia in clinical refraction.
Edited by William J Benjamin 4th edition, Saunders, penn
Sylvania; 77.

Cline D, Hofstetter HW, Griffin JR.(2006):

Dictionary of visual science, 4th ed. Radnor, PA: **Chilton**, 2006.
Grosvenor TP. Primary care optometry. Anomalies of refraction
and binocular vision, 5th ed. **Boston, Butterworth,Heinemann**,
2006:575-91.

References

Cogan DG, Freese CG (2005) :

Spasm of the near reflex, Arch Ophthalmol 54: 752, 2005.

Coleman DJ, Fish SK. (2000) :

Presbyopia, Accommodation, and the Mature Catenary.
Ophthalmol 2000; 108(9):1544-51.

Coleman DJ.(2006) :

on the hydraulic suspension theory of accommodation. Trans Am
Ophthalmol Soc 2006, 84:846-68.

Coleman DJ.(2007) :

Unified model for the accommodative mechanism. Am J
Ophthalmol 2007, 69:1063-79.

Cooper J, Feldman J. (2008) :

Operant conditioning of fusional convergence ranges using
random dot stereograms. Am J Optom Physiol Opt 2008; 57:205-
13.

Cooper J.(2007) :

Accommodative dysfunction. In: **Amos JF**, 4th ed.Diagnosis and
management in vision care. **Boston: Butterworths**, 2007:431-59.

Crawford KS, Kaufman PL, Bito LZ (2000) :

The role of the iris in accommodation of rhesus monkeys, Invest
Ophthalmol Vis Sci 31: 2185, 2000.

Croft MA (2006) :

Aging effects on accommodation and out flow facility responses
to pilocarpine in humans, Arch Ophthalmol 114: 586, 2006.

References

Daum KM.(2003):

Accommodative dysfunction, Doc Ophthalmol 55: 177, 2003.

Donders FC.(2004):

On the anomalies of accommodation and refraction of the eye,
London, 2004, Hatton.

Drexler W, Baumagartner A, Findl O, et al (2007) :

Biometric investigation of changes in the anterior eye segment
during accommodation vision Res; 37: 2789.

Duane A(2001):

Anomalies of accommodation clinically considered, Arch
Ophthalmol 45: 124, 2001.

Duane A. (2002):

Studies in monocular and binocular accommodation with their
clinical applications. Am J Ophthalmol 2002;5:867-77.

Dubbelman, M., van der Heijde, G. L., & Weeber, H. A. (2005) :

Change in shape of the aging human crystalline lens with
accommodation. Vision Research, 45, 117–132.

Duke-Elder (2000)

in system of ophthalmology, vol XII, St Louis, CV Mosby, 2000,
pp. 600, 602; Parelman JJ, Fay MT, Burde RM, Transe Am
Ophthalmol Soc 82: 371, 2000; Warwick R, in Eugene Wolff
anatomy of the eye and orbit.

Eichenbaum JW, Simmons DH, Velazquez C.(2009) :

The correction of presbyopia: a prospective study.

References

Am Ophthalmol 2009;31:81-4.

Ellis W (2000) :

The surgical conquest of presbyopia. www. Ellisey corn.

Farnsworth PN, Shyne SE. (2007) :

Anterior zonular shifts with age. Exp. Eye Res. 2007;28:291-7.

Feldman JM, Cooper J, Eichler R. (2003) :

The effect of stimulus parameters (size, complexity, depth, and line thickness) on horizontal fusional amplitudes in normal humans. Optometry and Vision Science 2003; 8(1):23-30.

Fincham EF (2007) :a

The changes in the form of the crystalline lens in accommodation, Trans Optical Soc 26: 240, 2007.

Fincham EF(2007):b

The accommodation reflex and its stimulus. B Ophthalmol 35: 381, 2007.***Fincham EF. (2007) :c***

The mechanism of accommodation. Br J Ophthalmol, 2007;8:5-80.

Freeman, (2006):

The accommodation reflex and its stimulus. Br. J. Ophthal. 35, 381-393.

Fischer RF.(2006a):

The force of contraction of the human ciliary muscle during accommodation. J Physiol 2006;270:51-74. .

Fisher RF.(2006b):

References

Presbyopia and the changes with age in the human crystalline lens. J Physiology 2006;228:765-79.

Fisher RF.(2007):

Presbyopia and the changes with age in the human crystalline lens. J Physiol 2007; 228:765-79.

Fitzgerald K, Krumholtz I.(2002):

Maintenance of improvement gains in refractive amblyopia: a comparison of treatment modalities. Optometry. 2002; 73(3): 153-159.

Freeman GA.(2005):

The effect of age on the AC/A ratio. Am J Optom 2005; 36:299-303.

Fry GA.(2005):

The effect of age on the AC/A ratio. Am J Optom 2005; 36:299-303.

Garner LF, Smith G (2007) :

Changes in equivalent and gradient refractive index of the crystalline lens with accommodation, Optometry and Vision Science 74: 114, 2007.

Gillbert S. (2000) :

Presbyopia. In opthal clin; 54, 55.

Gilmartin B, Hogan RE(2005):

References

The relationship between tonic accommodation and ciliary muscle innervation, *Optometry and Vision Science* 26: 1024, 2005.

Glasser A, Campbell MCW.(1980):

Presbyopia and the optical changes in the human crystalline lens with age. *Optometry and Vision Science* 1980;38:209-29.

Glasser, A., Wendt, M., & Ostrin, L. (2006) :

Accommodative changes in lens diameter in rhesus monkeys. *Investigative Ophthalmology & Visual Science*, 47, 278–286.

Glasser A, Campbell MCW.(2008):

Presbyopia and the optical changes in the human crystalline lens with age. *Vision Res* 2008;38:209-29.

Glasser A, Kaufman PL.(2009):

The mechanism of accommodation in primates. *Ophthalmology* 2009;106:863-72.

Goldstein JH, Schneekloth BB. (1996) :

Spasm of the near reflex: a spectrum of anomalies. *Survey Ophthalmol* 1996;40:269–78.

Goss, David A. (2005) :

Ocular accommodation, convergence, and fixation disparity: a manual of clinical analysis, 2nd ed. Newton, MA: Butterworth-Heinemann, 2005:14.

Griffin J, Grisham JD.(2006):

Binocular anomalies. Boston: Butterworth-Heinemann, 2006:17-61.

Griffin JF, Wray SH, Anderson DP.(2006):

References

Misdiagnosis of spasm of the near reflex. *Neurology* 1976; 26: 1018-20.

Griffin Jr(2008):

Binocular anomalies: procedures for vision therapy, ed 5, Chicago, 2008, Professional.

Handelman GH, Koretz JF.(2002) :

A mathematical representation of lens accommodation. *Optometry and Vision Science* 2002;22:924-7.

Harris LS, Galin MA. (2007) :

Effect of ocular pigmentation on hypotensive response to pilocarpine, *Am J Ophthalmol* 72: 923, 2007.

Hennessey D, Iosue RA, Rouse MW.(2008):

Relation of symptoms to accommodative infacility of school-aged children. *Am J Ophthalmo. Physiol. Opt.* 2008; 61:177-83.

Hoffman L, Cohen AH, Feuer G.(2008):

Effectiveness of optometric vision therapy/orthoptics in a private practice. *Am J Optom* 2007; 50:813-6.

Hokoda SC.(2008):

General binocular dysfunctions in an urban optometry clinic. *J Am Ophthalmol* 2008; 56:560-2.

Hosoba M, Bando T, Tsukahara N.(2002):

The cerebellar control of accommodation of the eye in the cat. *Brain Optometry and Vision Science* 2002;153:495–505.

References

Irvine G. (2007):

A survey of esophoria and ciliary spasm, Br. J Ophth thalmol 31: 289, 2007.

Jaeger RJ, Benevento LA(2000):

A horseradish peroxidase study of the innervation of internal structure of the eye: Evidence for a direct pathway. Invest Ophthalmol Vis Sci 19: 575, 2000.

Jampel RS (2006) :

Representation of the near-response on the cerebra cortex of the macaque. Am J Ophthalmol 48: 573, 2006.

John Forrester, Andrew Dick, Paul McMenamin, William Lee (2006):

The Eye: Basic Sciences in Practice. London: W.B. Saunders Company p. 28 ISBN 0-7020-1790-6

Judge SJ, Cumming BG(2006):

Brainstem neurons related to accommodation and vergence. J Neurophysiol 55: 915, 2006.

Kardong, K. (2008) :

Vertebrates: Comparative anatomy, function, evolution,(5th ed.). (pp.676-677). Boston: McGraw-Hill

Kaufman PL, Barany EH (2005) :

Subsensitivity to pilocarpine in primate ciliary muscle following topical anticholinesterase treatment, Optometry and Vision Science 14: 302, 2005.

References

Kaufman, P. L., & Lütjen-Drecoll, E. (2005) :

Total iridectomy in the primate in vivo: Surgical technique and postoperative anatomy. *Investigative Ophthalmology*, 14, 766–771.

Kawasaki T, Kiyosawa M, Fujinot.(2003):

Slow accommodation release with a cerebellar lesion. *Br. J Ophthalmol* 1993;77:678.

Keane JR.(2002):

Neuro-ophthalmic sign and symptoms of hysteria, *Neurology* (NY) 32: 757, 2002

Keane JR (2008):

Brief history of nocturnal myopia and related phenomena. *Am J Ophthalm* .2008; 29:69-81.

Knoll, H. A. (2008) :

Pupillary changes associated with accommodation and convergence. *Optometry and Vision Science* 26, 346-357.

Koretz JF (2004) :

Accommodation and presbyopia in the human eye: aging of the anterior segment, *Optometry and Vision Science* 29: 1685.

Koretz JF, Kaufman PL, Neider MW, Goeckner PA. (2007) :

Accommodation and presbyopia in the human eye-aging of the anterior segment. *Vision Res* 2007; 29:1685-92.

References

Koretz JF (2008) :

Slit-lamp studies of the rhesus monkey eye. II. Changes in crystalline lens shape, thickness and position during accommodation and aging, *Optometry and Vision Science* 45: 317, 2008.

Koretz JF, Handelman GH.(2008) :

A model of the accommodative mechanism in the human eye. *Optometry and Vision Science* 2008;22:917-24.

Koretz, J. F., Cook, C., & Kaufman, P. L. (2002) :

Aging of the human lens: Changes in lens shape upon accommodation and with accommodative loss. *Journal of the Optical Society of America A, Optics, Image Science, and Vision*, 19, 144–151.

Kruger PB (2003) :

Chromatic aberration and ocular focus: Fincham revisited, *Optometry and Vision Science* 33: 1397, 2003.

Kruger PB, Pola J(2006):

Stimuli for accommodation: Blur, chromatic aberration and size. *Neuro-ophthalmol* 26:957, 2006.

Kragha IK. (2004)

Amplitude of accommodation: population and methodological differences. *Ophthalmic Physiol Optometry* 6(1):75–80

References

Lancaster W, Williams E. (2004) :

New light on the theory of accommodation with practical applications. Trans Am Acad. Ophthalmol Otolaryngol 2004; 19:170-95.

Last RJ. (2008) :

The eyeball. In: **Wolff E**, 7th eds(1997). The Anatomy of the Eye and Orbit, 6th ed. Philadelphia, Pa: W.B. **Saunders**, 2008; Chap. II.

Levine S, Ciuffreda KJ, Selenow A, Flax N. (1996) :

Clinical assessment of accommodative facility in symptomatic and asymptomatic individuals. Neuro-ophthalmol 1996; 56:286-90.

Levine S, Ciuffreda KJ, Selenow A, Flax N. (1997)

Clinical assessment of accommodative facility in symptomatic and asymptomatic individuals. Neuro-ophthalmol 1997; 56:286-90.

Lupica VP (2006) :

Hypnosis therapy for ciliary spasm, Neuro-ophthalmol. 47: 102, 2006.

Marg E. & Morgan, M. W. (2007) :

The effect of accommodation, fusional convergence and the proximity factor on pupillary diameter. Neuro-ophthalmol., 27, 217-225.

References

Mathews S.(2009) :

Scleral expansion surgery does not restore accommodation in human presbyopia. *Ophthalmology* 2009;106:873-7.

McLin LN, Schor CM(2002):

Voluntary effort as stimulus to accommodation and vergence. *Investigative Ophthalmol Vision Science* 29: 1739, 19. *J. Neuro Ophthalmol* 2002; 22: 15-17.

Michaels DD. (2005) :

Accommodation, Vergences, and Heterophorias. In: Michaels DD, eds. *Visual Optics and Refraction*, 3rd ed. St. Louis: C.V. Mosby, 2005: Chap. XVIII.

Miles FA, Judge SJ, Optican LM(2007):

Optically induced changes I the couplings between vergence and accommodation. *Investigative Ophthalmol Vision Science* 7: 2576, 2007.

Morgan MW (2004) :

Accommodation and its relationship to convgence. *Am J Optom* 21: 183, 2004.

Moses RA(2007):

Accommodation, in Moses RA, Hart WM, eds: *Adler's physiology of the eye, clinical application*, 8th ed, **St Louis**, CV **Mosby**, 2007.

References

Murrah WF. (2001) :

Recurrent unilateral accommodative spasm and miosis. *South Med J* 1965; 58: 1135-6. *Optometry and Vision Science*, Vol. 78, No. 7, July 2001.

Murrah WF(2005):

Recurrent unilateral accommodative spasms and miosis, *Neuro-ophthalmol* 58: 1135, 2005.

O. Candia (2004) :

Electrolyte and fluid transport across corneal, conjunctival and lens epithelium. *Experimental Eye Research* 78 (3): 527-535.

Ohtsuka K, Maekawa H, Takeda M. (2008):

Accommodation and convergence insufficiency with left middle cerebral artery occlusion. *Am J Ophthalmol* 2008;106:60–4.

Ong E, Ciuffreda KJ.(2007) :

Accommodation, nearwork in myopia. *Investigative Ophthalmol Vision Science Optometric Extension Program Foundation*, 2007:97-142

Ostrin, L.A., Kasthurirangan, S., Win-Hall, D., & Glasser, A.(2006) :

Simultaneous measurements of refraction and A-scan biometry during accommodation in humans. *Optometry and Vision Science*, 83, 657–665.

References

Owens DA (2000) :

A comparison of accommodative responsiveness and contrast sensitivity for sinusoidal gratings, *Optometry and Vision Science* 20: 159, 2000.

Pareman JJ, Fay MT, Burde RM(2004):

Confirmative evidence for a direct parasympathetic pathway to internal eye structures. *Trans Am Ophthalmol Soc* 82: 371, 2004.

Pierscionek BK ,Schachar RA, Abolmaali A(2007):

The relationship between accommodative amplitude and the ratio of central lens thickness to its equatorial diameter in vertebrate eyes. *British Journal of Ophthalmology*. 91(6): 812-817, 2007

Prangen AD(2006):

Spasm of accommodation with report of thrity cases. In: *Transactions of the section on ophthalmology of 2nd Annual session, Chicago, 2006..*

Press LJ.(2008):

Management of Adie's syndrome, *Optometry and Vision Science* 58: 235, 2008.

Rahul Bhola,Binocular Vision (2006) :

Rahul Bhola MD The University of Iowa Department of Ophthalmology & Visual Sciences. Posted Jan. 18, 2006, updated Jan. 23, 2006

Ramesh C. Tripathi (2009) :

"eye, human"Encyclopædia Britannica from Encyclopædia Britannica 2006 Ultimate Reference Suite DVD.

References

Roger W (1997) :

Anatomy of the eye and orbit. H-K lewis, Eighth edition; 67, 161, 163.

Rohen JW(2002):

The evolution of the primate eye in relation to the problem of glaucoma, in **Lutjen-Drecoll E**, 3th ed: Basic aspects of glaucoma research, **Stuttgart, Schattauer**, 2002, p. 3.

Rohen JW.(2007):

Scanning electron microscopic studies of the zonular apparatus in human and monkey eyes. Investigative Ophthalmol Vision Science 2007;18:133-44.

Rohen, J. W. & Rentsch, F. J. (2001):

Der konstruktive Bau des Zonulaapparatus beim Menschen und dessen funktionelle Bedeutung. V.Graefes Arch. Ophthalmol. 178, 1-19

Romano PE, Stark WJ. (2001):

Pseudomyopia as presenting sign in ocular myasthenia gravis. Am J Ophthalmol 1973; 75: 872-5. Optometry and Vision Science, Vol. 78, No. 7, July 2001.

Rosales, P., Dubbelman, M., Marcos, S., & Van der Heijde, G. L. (2006) :

Crystalline lens radii of curvature from Purkinje and Scheimpflug imaging. Journal of Vision, 6(10):5, 1057–1067.

Ruskell GL(2000):

Accommodation and the nerve pathway to the ciliary muscle: A review. Ophthalmic Physiological Optics 10: 239, 2000.

References

Ruskell GL(2008):

Innervation of the anterior segment of the eye, in **Lutjen-Drecoll E**, 5th ed: Basic aspects of glaucoma research, **Stuttgart, Schattauer**, 2008.

Ruskell GL, Griffiths T(2004):

Peripheral nerve pathway to the ciliary muscle, *British Journal of ophthalmology* 28: 277, 2004.

Rutstein RP, Daum KM, Amos JF.(2001):

Accommodative spasm: a study of 17 cases. *British Journal of ophthalmology* 1988; 59: 527-38. *Optometry and Vision Science*, Vol. 78, No. 7, July 2001.

Rutstein RP, Daum KM, Amos JF(2008):

Accommodative spasm: a study of 17 cases, *British Journal of ophthalmology* 59: 527, 2008.

Rutstein RP, Daum KM.(2001):

Anomalies of Binocular Vision: Diagnosis and Management. St. Louis: Mosby, 1998: 80-4. *Optometry and Vision Science*, Vol. 78, No. 7, July 2001.

Rutstein RP, Daum KM.(2008):

Anomalies of binocular vision: diagnosis and management. St. Louis: CV Mosby, 2008:275- 324.

Rutstein RP, Galkin KA(2008):

Convergence spasm, *Neuro-ophthalmol* 55: 495, 2008.

Schachar , (2002) :

Cause and treatment of presbyopia with a method for increasing the amplitude of accommodation British Journal of ophthalmology; 24: 445.

Schachar RA, Abolmaali A. (2006) :

Insights into the etiology of the age related decline in the amplitude of accommodation using a nonlinear element model of the accommodating human lens. British Journal of Ophthalmology. 90: 1304-1309, 2006.

Schachar RA, Fygenon DK.(2007):

Topographical changes of biconvex objects during equatorial traction: An analogy for accommodation of the human lens. British Journal of Ophthalmology., 2007.

Schachar RA. (2006):

The mechanism of accommodation and presbyopia. International Ophthalmology Clinics. 46(3): 39-61, 2006.

Schachar RA.(2002):

Cause and treatment of presbyopia with a method for increasing the amplitude of accommodation. Am Ophthalmol 2002;24:445-52.

Schachar RA.(2008):

Equatorial lens growth predicts the age-related decline in accommodative amplitude that results in presbyopia and the increase in intraocular pressure that occurs with age. International Ophthalmology Clinics. 48(1);, 2008.

Schaeffel F, Wilhelm H, Zrenner E(2003):

Inter-individual variability in the dynamics of natural accommodation in humans; relation to age and refractive errors. *Neuro-ophthalmol* 461: 301, 2003.0

Scheiman M, Wick B.(2004):

Clinical management of binocular vision: heterophoric, accommodative, and eye movement disorders. Philadelphia: JB Lippincott, 2004:360.

Schor CM, Johnson CA, Post RB.(2004):

Adaptation of tonic accommodation, *Neuro-ophthalmol* 4: 133, 2004.

Sloane AE, Kraut JA. (2002):

Spasm of accommodation. *J Ophthalmol* 1973; 34: 365-9. *J. Neuro Ophthalmol* 2002; 22: 15-17.

Sloane AE, Kraut JA.(2001):

Spasm of accommodation. *J Ophthalmol* 1973; 34: 365-9. *Optometry and Vision Science*, Vol. 78, No. 7, July 2001.

Sollom AW.(2001):

Unilateral spasm of accommodation and transient convergent squint due to an anxiety neurosis. *Neuro-ophthalmol* 1966; 23: 118-9. *Optometry and Vision Science*, Vol. 78, No. 7, July 2001.

References

Sollom AW(2006):

Unilateral spasm of accommodation and transient convergent squint due to an anxiety neurosis, British Journal of ophthalmology 23 : 118, 2006.

Stark L, Takahashi Y(2005):

Absence of a signal mechanism human accommodation. British Journal of ophthalmology 12: 1, 2005

Steinman SB, Steinman BA, Nielsen MC.(2001):

Monocular accommodative fluctuations associated with temporomandibular joint syndrome. Clinical Neuro-ophthalmology 1989; 66: 793-5. Optometry and Vision Science, Vol. 78, No. 7, July 2001.

Swegmark G. (2006):

Studies with cyclography on human ocular accommodation at different ages. Optometry and Vision Science 2006;46:1186-206.

Tripathi, (2009):

Visual acuity. Annual Review Psychology 2009; 16:359- 78.

Thompson HS, Miller NR.(2002):

Disorders of Pupillary function, Accommodation, and Lacrimation. In: Miller NR, Newman NJ, 5th eds. Walsh & Hoyt's Clinical Neuro-ophthalmology 5th ed. Vol. 1. Baltimore: Williams & Wilkins. 1998: 1011-18. J. Neuro Ophthalmol 2002; 22: 15-17.

References

Tscherning M. (2006):

Physiologic Optics: Dioptrics of the Eye, Functions of the Retina, Ocular Movements, and Binocular Vision, 2nd ed. Philadelphia: Keystone, 2006;160-89.

U. Andley, (2006) :

Crystallins in the eye: function and pathology. Progress in Retinal and Eye research 26 (1): 78-98.

Von Helmholtz H. (2002):

Physiological Optics. New York: Dover, 2002; vol.I, 143-172,375-415.

Von Helmholtz, H. (2008): Accommodation. Practical refraction, Chapter 4, pp51–62. Grune and Stratton, New York, USA.

Von Noorden GK.(2006):

Binocular vision and ocular motility, 5th ed. St. Louis: CV Mosby, 2006;168.

Voon LW, Goh KY, Lim TH, Tan KK, Yong VS.(2001):

Pseudomyopia in a patient with blocked ventriculo-peritoneal shunt: a case report. Ann Acad Med Singapore 1997; 26: 229-31.
Optometry and Vision Science, Vol. 78, No. 7, July 2001.

W. Hoehenwarter, J. Klose and P. R. Jungblut (2006) :

Eye lens proteins. Amino Acids 30(4): 369-389.

References

Walker J(2006):

Myopia and pseudo-myopia, British J Ophthalmol 30kl: 735, 1946.

Wargul , (2006):

The ocular parasympathetic nerve supply and its mesencephalic sources. Optometry and Vision Science 88: 71, 2006.

Warwick R(2006):

The orbital nerves, in Eugene Wolff's anatomy of the eye and orbit, 7th ed, Philadelphia, WB Saunders, 2006.

Westheimer G, Blair SM(2003):

The parasympathetic pathways to internal eye muscles. Investigative Ophthalmol 12: 193, 2003.

Whikehart, David R. (2003) :

Biochemistry of the Eye, 2nd ed. 2003. Philadelphia: Butterworth Heinemann, p.107-8 ISBN 0-7506-7152-1

Wilson RS.(2007):

Does the lens diameter increase or decrease during accommodation? Human accommodation studies: a new technique using infrared retro-illumination video photography and pixel unit measurements. Optometry and Vision Science 2007;95:261-70.

Wolf anatomy,(1997):

JamOphthalmol82:371,1997;WarwickinEugene Wolff anatomy of the eye and Orbit.

References
