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- Adler-Grinberg D, Stark L. Eye movements, scan paths and dyslexia. Am} Optom Physiol Opt 1978;55:557-70.
- Bala SP, Cohen B, Morris AG, et al. Saccades of hyperactive and normal boys during ocular pursuits. Dev Med Chill NeuroI 1981;23:323-36.
- Black JL, Collins DWK, De Roach JN, Zubrick Sr. Dyslexia: A detailed study of sequential eye movements for normal and poor reading children. Percept Motor Skills 1984;59:423-434.
- Burian H, von Noorden GK. Binocular vision and ocular motility. 2nd ed. St. Louis: Mosby, 1974:181-211.
- Ciufredda KJ, Bahill AT, Kenyon RV, et al. Eye movements during reading: case reports. Am J Optom Physiol Opt 1976; 53:389-95.
- Ciuffreda KJ, Tannen B. Eye movement basics for the clinician. St. Louis: Mosby; 1994.
- Ciufredda KJ, Kenyon RV; Stark L. Abnormal saccadic substitution during small amplitude pursuit tracking in amblyopic eyes. Invest Ophthalmol Vis Sci 1979;18:506-16.
- Dell'osso LF; Daroff RE. Eye movement characteristics and recording techniques. In: Duane TD, Jaeger EA, eds. Duane's clinical ophthalmology, vol 2, no 9. Philadelphia: JB Lippincott, 1988.
- Dendy HM, Shaterian ET. Practical ocular motility. Springfield, IL: CC Thomas, 1967.
- Garzia RP, Nicholson SB. Vision function and reading disability: an optometric viewpoint. J Am Optom Assoc 1990;61:88-96.
- \bullet Garzia RP, Peck CK. Vision and reading II: eye movements. J Optom Vis Dev 1994;25 :4- 37 .
- Garzia RP, Richman JE, Nicholson SB, et al. A new visual-verbal saccade test: the developmental eye movement test (DEM). J Am Optom Assoc 1990;61:124-35.
- Gilbert LC. Functional motor efficiency of the eye and its relation to reading. Univ of Calif Press, Publications in Education, 1953;11:159-232.
- Goldrich SG, Sedgwick H. An objective comparison of oculomotor functioning in reading disabled and normal children. Am J Optom Physiol Optics 1982;59:82P.
- Griffin DC. Saccades as related to reading disorders. J Learn Disab 1974;7:50-58.
- Griffin JR. Pursuit fixations: An overview of training procedures. Optom Monthly 1976;67:35-38.
- Griffin JR. Saccadic eye movements-- Recommended testing and training procedures. Optom Monthly July 1981;72:27-28.
- Hainline L. Normal lifespan: developmental changes in saccadic and pursuit eye movements. In: Johnston CW, Pirozzolo FJ , eds.
- Helsen L, Maples WC. The optometric evaluation of adult females who are participating in a remedial reading program. J BehavOptom 1994;5:87-92.
- Higgins JD. Oculomotor System. In: Barresi B (ed) Ocular Assessment. Boston:Butterworth, 1984:201-208.
- Jones A, Stark L. Abnormal Patterns of normal eye movements in specific dyslexia. In: Rayner K (ed.) Eye Movements in Reading: Perceptual and Language Processes. New York: Academic Press, 1983:481-498.
- King AT, Devick S. The proposed King and Devick test and its relation to the Pierce saccade test and reading levels. Available from the Carel E. Shepherd Memorial Library. Illinois College of Optometry, Chicago: 1976.

- Kulp MT, Schmidt PP. Effect of oculomotor and other visual skills on reading performance: a literature review. Optom Vis Sci 1996;73(4):283-92.
- Lefton LA. Eye movements in reading disabled children. In: Senders JW; Fisher DF, Monty RA, eds. Eye movements and higher psychological functions. Hillsdale NJ: Lawrence Erlbaum Assoc, 1978:225-37.
- Lehrnkuhle S, Garzia RP, Turner L, Hash T, Baro JA. A defective visual pathway in children with reading disability. N Engl J Med 1993;328:989-96.
- Leigh JR, Zee DS. The diagnostic value of abnormal eye movements. A pathophysiological approach. Johns Hopkins Med J 1982;151:122-35.
- Leigh RJ , Zee DS. The neurology of eye movements. 2nd ed. Philadelphia: FA Davis, 1991.
- Maples WC. The NSUCO oculomotor test. Santa Ana, California, Optometric Extension Program Foundation, 1995.
- Maples WC, Atchley J, Ficklin T. Northeastern State University College of Optometry's oculomotor norms. J Behav Optom 1992;3:143-50.
- Maples WC, Ficklin T. Comparison of eye movement skills between above and below average readers. J Behav Optom 1990;1:87-91.
- Maples WC, Ficklin T. Interrater and test-retest reliability of pursuits and saccades. J Am Optom Assoc 1988:59:549-52.
- Maples WC, Ficklin T. A preliminary study of the oculomotor skills of learning-disabled, gifted and normal children. J Optom Vis Dev 1989;20:9-14.
- Maples, WC, Ficklin T. Test-retest reliability of the King- Devick saccade test and the NSUCO ocularmotor tests. J Behav Optom (Australia) 1991;3:209-14.
- McLaughlin SC. Parametric adjustment in saccadic eye movements. Percept Psychophys 1967;2:359-362.
- Olsen RK, Kliegl R, Davidson BJ. Dyslexic and normal readers eye movements. J Exp Psych (Hum Percept) 1983;816-825.
- Optican LM. Adaptive properties of the saccadic system. In: Berthoz A, Melvill Jones G. (eds.) Adaptive Mechanisms in Gaze Control, Amsterdam: Elsevier Science Publishers, 1985:71-79.
- Oride MKH, Marutani JK, Rouse MW; et al. Reliability study of the Pierce and King-Devick saccade tests. Am J Optom Physiol Opt 1986;65:419-24.
- Palidis GT. Eye movements in dyslexia: Diagnostic significance. J Learn Disabil 1985;18:42.
- Pavlidis GT. Eye movement differences between dyslexics, normal, and retarded readers while sequentially fixating digits. Am J Optom Physiol Optics 1985;62:820-832.
- Pavlidis GT. Eye movements in dyslexia: Their diagnostic significance. J Learn Disabil 1985;18:42-50.
- Pirozzolo FJ. Eye movements and reading disability. In: Rayner K, ed. Eye movements in reading: perceptual and language processes. New York: Academic Press, 1983:499-509.
- Pollatsek A. What can eye movements tell us about dyslexia? In: Rayner K, ed. Eye movements in reading: perceptual and language processes. New York: Academic Press, 1983:511-21.
- Poynter HL, Schor C, Haynes HM, et al. Oculomotor functions in reading disability. Am J Optom Physiol Opt 1982; 59:116-27.
- Press LJ. Oculomotor Dysfunctions: Classification of Saccadic and Pursuit Deficiencies. In: Press LJ. Applied Concepts in Vision Therapy. St. Louis: Mosby, 1997.
- Punnett AF. Relationship between reinforcement and eye movements during vision therapy with dyslexic children. PhD thesis. Ann Arbor: University of Microfilms,

1981:24.

- Punnett AF, Steinhauer GD. Relationship between reinforcement and eye movements during ocular motor training with learning disabled children. J Learn Disabil 1984; 17: 16-9.
- Rayner K. Eye movements in reading and information processing. Psychol Bull 1978:85:618-60.
- Richman JE, Walker AJ, Garzia RP. The impact of automatic digit naming ability on a clinical test of eye movement functioning. J Am Optom Assoc 1983;54:616-22.
- Rounds BB, Manley CW, Norris RH. The effect of oculomotor training on reading efficiency. J Am Optom Assoc 1991;62:92-99.
- Scheiman M, Wick B. Clinical management of binocular vision: heterophoric, accommodative, and eye movement disorders. Philadelphia: JB Lippincott, 1994.
- Schor C. A directional impairment of eye movement control in strabismus amblyopia. Invest Ophthalmol Vis Sci 1975; 15:692-7.
- Senders JW, Fisher DF, Monty RA, eds. Eye movements: cognition and visual perception. Hillsdale, NJ: Lawrence Erlbaum Assoc, 1981.
- Senders JW, Fisher DF, Monty RA, eds. Eye movements and higher psychological functions. Hillsdale, NJ: Lawrence Erlbaum Assoc, 1978.
- Sheedy JE, Saladin JJ. Association of symptoms with measures of oculomotor deficiencies. Am J Otpom Physiol Opt 1978;55:670-6.
- Sohrab-Jam G. Eye movement patterns and reading performance in poor readers: Immediate effects of convex lenses indicated by book retinoscopy. Am J Optom Physiol Optics 1976;53:720-726.
- Solan HA. Eye movement problems in achieving readers: An update. Am J Optom Physiol Opt 1985;62:812-819.
- Solan HA. The improvement of reading efficiency: A study of sixty three achieving high school students. In: Solan HA (ed) The Psychology of Learning and Reading Difficulties. New York: Simon and Schuster, 1973:363-370.
- Stanley G, Smith GA, Howell EA. Eye movements and sequential tracking in dyslexic and control children. Brit J Psych 1983;74:181-187.
- Vissius G. Adaptive control of saccadic eye movements. Bibl Ophthalmol 1972;82:244-250.
- Young BS, Pollard T, Paynter S, Cox R. Effect of eye exercises in improving control of eye movements during reading. J Optom Vis Dev 1982;13:4-7.
- Von Noorden GK. Burian-Von Noorden's binocular vision and ocular motility. 2nd ed. St. Louis: Mosby, 1980: 219-49.
- Von Noorden GK. Mackensen G. Pursuit movements of normal and amblyoptic eyes an electromyographic study. II. Pursuit movements of amblyopic patients. Am J Ophthalmol 1962;53:477-87.
- Zangwill OL, Blakemore C. Dyslexia: Reversal of eye movements during reading. Neuropsychologica 1972;10:371-373.
- Zee DS, Optician LM. Studies of adaption in human oculomotor disorders. In: Berthoz A, Melvill Jones G. (eds) Adaptive Mechanisms in Gaze Control. Amsterdam: Elsevier Science Publishers, 1985: 165-176.