

Joseph M. Miller, MD, MPH
Publications

Scholarly Books

1. Miller JM: *Determination of cardiovascular indices from the brachial oscillometric pulse*. M.S. (Biomedical Engineering) Thesis, Case Western Reserve University, January 1981.
2. Guyton DL, West CE, Miller JM, Wisnicki HJ: *Ophthalmic optics and clinical refraction*. Prism Press, Baltimore, 1997.

Chapters in Scholarly Books

1. Miller JM, Fannin SW, Steiner PR, Kraus JM, Falor WF, Taylor BC: Instrumentation for the automatic recording and analysis of esophageal pH. In: DeMeester TR, Skinner DB, *Esophageal Disorders: Pathophysiology and Therapy*, Raven Press, New York, 1985.
2. Falor WH, Miller JM, Kraus JM, Fannin S, Greczanik V, Taylor B: Twenty-four-hour four-channel esophagopharyngeal pH monitored via satellite esophageal pH laboratories or by a small autonomous system. In: Siewart JR, Holscher AH, *Diseases of the Esophagus*, Springer-Verlag Press, New York, 1988, pp. 792-796.
3. Contributor to section on Diabetic Retinopathy in Children: Diabetes Mellitus in the Child and Adolescent. In: Kappy MS, Blizzard RM, Migeon CJ, *The Diagnosis and Treatment of Endocrine Disorders in Childhood and Adolescence*, Charles C. Thomas, 1994, pp. 1006-1007.
4. Guyton DL, Miller JM, West CE: Optical pearls and pitfalls, tricks and traps in strabismus. In: Wright KW, *Pediatric Ophthalmology and Strabismus*, Mosby-Year Book, Inc., 1995, pp. 243-248.
5. Reviewer to section on Optics, Refraction, Contact Lens, and Visual Rehabilitation. In: Lane SS, Skuta GL (eds.), *Series 3, ProVision, Preferred Responses in Ophthalmology: A Self-Assessment Program*, Vol. I (Questions), American Academy of Ophthalmology, 1999, pp. 165-180.
6. Reviewer to section on Optics, Refraction, Contact Lens, and Visual Rehabilitation. In: Lane SS, Skuta GL (eds.), *Series 3, ProVision, Preferred Responses in Ophthalmology: A Self-Assessment Program*, Vol. II (Discussions), American Academy of Ophthalmology, 1999, pp. 165-180.
7. Miller JM. Pediatric ocular trauma. In: Wright KW, Strube YJ, eds., *Pediatric Ophthalmology and Strabismus*, 3rd ed., Oxford University Press, New York, NY, 2012.

Refereed Journal Articles

1. Miller JM, Cascorbi HF: Yet another vaporizer hazard. *Anesth Anal* 1981; 60:121. PMID: 7191661.
2. Falor WH, Miller JM, Kraus J, et al.: Outpatient computer-based 32-hour esophageal pH studies teletransmitted to a central esophageal laboratory. *Arch Intern Med* 1985;145:1617-1619. PMID: 4026492.
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4. Caprioli J, Miller JM, Sears ML: Quantitative evaluation of the optic nerve head in patients with unilateral field loss from primary open angle glaucoma. *Ophthalmology* 1987;94:1484-1487. PMID: 3684222.
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6. Caprioli J, Sears M, Miller JM: Patterns of early visual field loss in open-angle glaucoma. *Am J Ophthalmol* 1987;103:512-517. PMID: 3605297.
7. Miller JM, Thompson JT, Caprioli J: Computerized database to identify patient populations for clinical research. *Ophthalmology*, Instrument and Book Supplement, 1988:6-10.
8. Hufnagel TJ, Kim JH, Lesser R, Miller JM, Abrahams JJ, Piepmier J, Manuelidis EE: Malignant glioma of the optic chiasm eight years after radiotherapy for prolactinoma. *Arch Ophthalmol* 1988;106:1701-1705. PMID: 3196211.
9. Caprioli J, Miller JM: Videographic measurements of optic nerve topography in glaucoma. *Invest Ophthalmol Vis Sci* 1988;29:1294-1298. PMID: 3417413.
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16. Miller JM, Caprioli J: An optimal reference plane to detect glaucomatous nerve fiber layer abnormalities with computerized image analysis. *Graefe's Arch Exp Ophthalmol* 1992;230:124-128. PMID: 1577291.
17. Miller JM, Mellinger M, Greivenkamp J, Hunter D, Simons K: Video remote keratometer for the screening of corneal astigmatism, in *Ophthalmic and Visual Optics/Noninvasive Assessment of the Visual System*, Technical Digest, 1993 (Optical Society of America, Washington DC, 1993), Vol. 3, pp. 150-153. (Program committee reviewed publication.)
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22. Schwiegerling J, Greivenkamp JE, Miller JM: Zernike polynomial representations of videokeratoscope height data, in *Vision Science and Its Applications*, 1995 Technical Digest Series (Optical Society of America, Washington DC, 1995), Vol. 1, p. 192. (Program committee reviewed publication.)
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Selected Abstract

Miller JM, Ober C, Leonard-Green T, Twelker JD, Kramer TR, Miller H, Mercer D, Harvey EM. Comparison of objective measures of visual acuity for assessing potential change in vision following cord blood transplant in preverbal children. Presented at the 11th Annual Meeting of the International Cord Blood Symposium, San Francisco, CA, June 6-8, 2013 [*11th Annual International Cord Blood Symposium Abstracts* 2013:63].