## **Useful Use of View Test UFOV - Reference List**

- Sekuler, R. & Ball, K. Measuring older persons' functional visual fields. (1985). Investigative Ophthalmology and Visual Science Suppl., 1985, 26, 307.
- Ball, D., Ball, K., Miller, R., Roenker, D., White, D. & Griggs, D. (1986). Bases for expanded functional visual fields as a result of practice. Investigative Ophthalmology and Visual Science Suppl., 1986, 27, 111.
- Sekuler, R. & Ball, K. Visual localization: Age and Practice. (1986). Journal of the Optical Society A, 1986, 3, 864-867.
- Ball, K., Beard, B., Miller, R. & Roenker, D. (1987). Mapping the useful field of view as a function of age. The Gerontologist, 1987, 27, 166A.
- Ball, K., Beard, B., Roenker, D., Miller, R. & Ball, D. (1988). Visual search: Age and practice.
- Investigative Ophthalmology and Visual Science Suppl., 1988, 29, 448.
- Ball, K., Beard, B., Roenker, D., Miller, R. & Griggs, D. (1988). Age and visual search: Expanding the Useful Field of View. Journal of the Optical Society A, 1988, 5(12), 2210-2219.
- Ball, K., Owsley, C., Beard, B., Roenker, D. & Ball, D. (1989). Age and functional vision as related to everyday performance. Investigative Ophthalmology and Visual Science Suppl., 1989, 30, 408.
- Ball, K. Functional vision as related to driving performance. Proceedings of the NIH/DOT/CDC Workshop on the Older Driver, Bethesda, August, 1989.
- Ball, K., Roenker, D. & Bruni, J. (1990). The use of functional vision assessment in predicting mobility problems in older adults. In Digest of Topical Meeting on Noninvasive Assessment of the Visual System, 1990, 3, 138-141.
- Ball, K., Roenker, D., Bruni, J., Jackson, L., Dahl, R., & Rowan, M. (1990). Age and Visual Search: Bases for Shrinkage of the Useful Field of View. Investigative Ophthalmology and Visual Science Suppl., 1990, 31, 1748.
- Ball, K. A Comprehensive Approach to Assessment of the Older Driver. Invited paper for the Conference on Driver Competency Assessment of the California Dept. of Motor Vehicles, October, 1990.
- Ball, K., Owsley, C. & Beard, B. (1990). Clinical visual perimetry underestimates peripheral field problems in older adults. Clinical Vision Sciences, 5, 113-125.

- Ball, K., Roenker, D. & Bruni, J. (1990). Developmental changes in attention and visual search throughout adulthood. In Enns, J. (Ed.), The Development of Attention: Research and Theory. North Holland: Elsevier Science Publishers, 489-508.
- Sloane, M. E., Owsley, C. & Ball, K. (1991). Visual Correlates of Vehicle Accidents in Older Drivers. In Digest of Topical Meeting on Noninvasive Assessment of the Visual System,.
- Ball, K., Roenker, D., Bruni, J., Owsley, C., Sloane, M., Ball, D., & O'Connor, K. (1991). Driving and visual search: Expanding the Useful Field of View. Investigative Ophthalmology and Visual Science Suppl., 32, 1041.
- Owsley, C., Ball, K., Sloane, M., Roenker, D.L. & Bruni, J.R. (1991). Visual Perceptual/Cognitive Correlates of Vehicle Accidents in Older Drivers. Psychology and Aging, 6, 403-415.
- Ball, K., Owsley, C. (1991). Identifying Correlates of Accident Involvement in the Older Driver, Human Factors, 33(5), 583-595.
- Ball, K., & Owsley, C. (1993). The useful field of view test: A new technique for evaluating age-related declines in visual function. Journal of the American Optometric Association, 64, 71-79.
- Ball, K., Owsley, C., Sloane, M.D., Roenker, D.L., & Bruni, J.R. (1993). Visual attention problems as a predictor of vehicle accidents in older drivers. Investigative Ophthalmology and Visual Science, 34, 3110-3123.
- Owsley, C., & Ball, K. (1993). Assessing visual function in the older driver. Clinics in Geriatric Medicine: Medical Considerations in the Older Driver, 9, 389-401.
- Ball, K., & Rebok, G. (1994). Evaluating the driving ability of older adults. The Journal of Applied Gerontology, 13, 20-38.
- Owsley, C. (1994). Vision and driving in the elderly. Optometry and Vision Science, 71, 727-735.
- Owsley, C., Ball, K., & Keeton, D.M. (1995). Relationship between visual sensitivity and target localization in older adults. Vision Research, 35, 579-587.
- Owsley, C. (1996). Quality of life and vision impairment: Driving. In D.R. Anderson, S.M. Drance (Eds.) Encounters in Glaucoma Research 3: How to Ascertain Progression and Outcome. New York: Kluger Publications, pp. 37-44.
- Rizzo, M., & Dingus, T. (1996). Driving in neurological disease. The Neurologist, 2, 1-20, 1996.

- Ball, K., (1997). Enhancing mobility in the elderly: Attentional interventions for driving. In S.M.C. Dollinger & L.F. Dilalla (Eds). Assessment and Intervention Issues Across the Lifespan: Lawrence Erlbaum Associates, Publishers, pp. 267-292.
- Ball, K. (1997). Attentional problems and older drivers. Alzheimer Disease and Associated Disorders, 11, 1-6.
- Fisk, G., Owsley, C., & Pulley, L. (1997). Driving following stroke: driving exposure, advice and evaluations. Archives of Physical Medicine and Rehabilitation, 78, 1338-1345.
- Owsley, C. (1997). Clinical and research issues in older drivers. Alzheimer Disease and Associate Disorders, 11, (Supplement) 3-7.
- Owsley, C., Allman, R.M., Gossman, M., Kells, S., & Sims, R. (in press). Mobility impairment and its consequences in the elderly: A theoretical perspective. In J.M. Clair and R.
- Allman (Eds). Multidisciplinary Perspectives on Aging: Progress and Priorities.
- Reinach, S.J., Rizzo, M., & McGehee, D.V. (1997). Driving with Alzheimer's disease: The anatomy of a crash. Alzheimer's Disease and Associated Disorders, 11,21-27.
- Rizzo, M., Reinach, S., McGehee, D., & Dawson, J. (1997). Simulated car crashes and crash predictors in drivers with Alzheimer's disease. Archives of Neurology, 54, 545-53.
- Owsley, C., McGwin., G., & Ball, K. (1998). Vision impairment, eye disease, and injurious motor vehicle crashes in the elderly. Ophthalmic Epidemiology, 5, 101-113.
- Ball, K. Increasing mobility and reducing accidents in older drivers. The proceedings of Social Structure and Mobility in the Elderly. Conference held at Penn State (1997). Springer Publishing.
- Ball, K., Owsley, C., Stalvey, B., Roenker, D.L., Sloane, M.E., & Graves, M. (1998). Driving avoidance and functional impairment in older drivers. Accident Analysis and Prevention, 30, 313-322.
- Goode, K.T., Ball, K., Sloane, M., Roenker, D.L., Roth, D.L., Myers, R.S., & Owsley, C. (1998). Useful field of view and other neurocognitive indicatiors of crash risk in older adults. Journal of Clinical Psychology in Medical Settings, 5, 425-440.

- McGwin, G., Owsley, C., & Ball, K. (1998). Identifying crash involvement among older drivers: Agreement between self-report and state-records. Accident Analysis and Prevention, 30, 781-91.
- Sims, R.V., Owsley, C., Allman, R.M., Ball, K., & Smoot, T.M. (1998). A preliminary assessment of the medical and functional factors associated with vehicle crashes in older adults. Journal of the American Geriatrics Society, 46, 556-561.
- Owsley, C., Ball, K., McGwin, G., Sloane, M., Roenker, D.L., White, M.F., & Overley, T. (1998). Predicting future crash involvement in older drivers: Who is at risk? Journal of the American Medical Association, 279, 1083-1088.
- Ball, K., Roenker, D., Rizzo, M., & McGehee, D. (2000). Cognitive training to improve driving competence. The Gerontologist, 40(Special Issue 1), 41.
- Fisk, G.D., Novack, T., Mennemeier, M.,& Roenker, D.(2002). Useful Field of View following traumatic brain injury. Journal of Traumatic Brain Injury, 17, 16-25.
- Edwards, J.D., Wadley, V.G., Myers, R.S., Roenker, D.L., Cissell, G.M. & Ball, K.K. (2002). Transfer of a speed of processing intervention to near and far cognitive functions. Gerontology, 28, 329-340.
- Ball, K.K., Wadley, V.G., & Edwards, J.D. (2002). Advances in technology used to assess and retrain older adults. Gerontechnology, 1, 251-261.
- Ball, K.K. & Owsley, C. (2003). Driving Competence: Its not a matter of age. Journal of the American Geriatrics Society, 15, 1499-1501.
- Ball, K.K., Wadley, V. & Roenker, D.L. (2003) Obstacles in implementing research outcomes in community settings. The Gerontologist, 43, 29-36.
- Roenker, D.L, Cissel, G.M., Ball, K.K., Wadley, V., & Edwards, J. (2003) .The effects of speed of processing and driving simulator training on driving performance. Human Factors, 45, 218-233.
- Wood, K. M., Edward, J.D., Clay, O. J., Wadley, V. G., Roenker, D.L., and Ball, K.K. (2005) Sensory and cognitive predictors of functional ability in older adults. Gerontology, 51(2),131-141.
- Wadley, V.G., Benz, R., Ball, K.K., Roenker, D.L., Edwards, J.D., & Vance, D.L. (2006). Development and evaluation of home-based speed-of-processing training for older adults. Archives of Physical Medicine Rehabilitation, 87, 757-763.

- Vance, D.E., Roenker, D.L., Cissell, G.M., Edwards, J.D., Wadley, V.G., & Ball, K.K. (2006). Predictors of driving exposure and avoidance in a field study of older drivers from the state of Maryland. Accident Analysis and Prevention, 38(4),823-831.
- Vance D.E., Ball K.K., Roenker D.L., Wadley V.G., Edwards J.D. and Cissell G.M. (2006). Predictors of Falling in Older Maryland Drivers: A Structural-Equation Model. Journal of Aging and Physical Activity; 14(3),254-269.
- Clay, O. J., Wadley, V. G., Edwards, J., Roth, D. L., Roenker, D., & Ball, K. K. (2005). The Useful Field of View as a predictor of driving performance in older adults: A cumulative meta-analysis. Optometry & Vision Science, 82, 724-731.
- Edwards, J.D., Vance, D.E., Wadley, V.G., Cissell, G.M., Roenker, D.L., & Ball, K.K. (2005). Reliability and validity of Useful Field of View test scores as administered by personal computer. Journal of Clinical and Experimental Neuropsychology, 27, 529-543.
- Vance, D.E., Wadley, V.G., Ball, K.K., Roenker, D.L., & Rizzo, M. (2005). The effects of physical activity and sedentary behavior on cognitive health in older adults. Journal of Aging and Physical Activity, 13, 294-313.
- Wood, K. M., Edward, J.D., Clay, O. J., Wadley, V. G., Roenker, D.L., and Ball, K.K. (2005) Sensory and cognitive predictors of functional ability in older adults. Gerontology, 51, 131-142.
- Edwards, J.D., Wadley, V.G., Vance, D.E., Wood, K., Roenker, D.L., & Ball, K.K.(2005). The impact of speed of processing training on cognitive and everyday performance. Aging & Mental Health, 9,1-10.
- Ball K.K., Edwards, J.D., & Ross, L.A. (2007). The impact of speed of processing training on cognitive and everyday functions. J Gerontolology:Series B; 62B (1):19-31.
- Okonkwo O.C., Crowe, M., Wadley, V.G, and Ball, K. K. (2007). Visual attention and self- regulation of driving among older adults. Int Psychogeriatr,1-12.
- Vance, D., Dawson, J., Wadley. V.G., Edwards, J.E., Roenker, D.L., Rizzo, M., & Ball K. (2007). The Accelerate Study: The Longitudinal Effect of Speed of Processing Training on Cognitive Performance of Older Adults. Rehabilitation Psychology, 52(1),89-96.
- Willis SL, Tennstedt SL, Marsiske M, Ball K, Elias J, Koepke KM, Morris JN, Rebok GW, Unverzagt FW, Stoddard AM, Wright E, for the ACTIVE Study Group. (2006).Long- term Effects of Cognitive Training on Everyday Functional Outcomes in Older Adults. JAMA, 296(23), 2805-2814.

Clay, O. J., Wadley, V. G., Edwards, J., Roth, D. L., Roenker, D., & Ball, K. K. (2005). The Useful Field of View as a predictor of driving performance in older adults: A cumulative meta-analysis. Optometry & Vision Science, 82, 724-731.