

Section 2 Title: AMD: Risks and Prevention

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References

1. Hawkins, B.S., et al., *Epidemiology of age-related macular degeneration*. Molecular Vision, 1999. **5**(24-35): p. U7-U10.
2. Algvare, P.V. and S. Seregard, *Age-related maculopathy: pathogenetic features and new treatment modalities*. Acta Ophthalmologica Scandinavica, 2002. **80**(2): p. 136-143.
3. Evans, B.J.W. and A.A. Wilkins, *A new near vision test card*. Optom Today, 2001. **41**(24): p. 38-40.
4. Goldberg, J., et al., *Factors Associated with Age-Related Macular Degeneration - an Analysis of Data from the 1st National-Health and Nutrition Examination Survey*. American Journal of Epidemiology, 1988. **128**(4): p. 700-710.
5. Hyman, L. and R. Neborsky, *Risk factors for age-related macular degeneration: an update*. Current Opinion in Ophthalmology, 2002. **13**: p. 171-175.
6. Flom, M.C., F.W. Weymouth, and D. Kahneman, *Visual Resolution and Contour Interaction*. J Opt Soc Am, 1963. **53**: p. 1026-32.
7. Klein, R., *Epidemiology*, in *Age-Related Macular Degeneration*, J.F. Berger, SL; Maguire, MG, Editor. 1999, Mosby: Philadelphia. p. 31-55.
8. Smith, W., et al., *Risk factors for age related macular degeneration - Pooled findings from three continents*. Ophthalmology, 2001. **108**(4): p. 697-704.
9. The AREDS Research Group, *Risk factors associated with age-related macular degeneration - A case-control study in the Age-Related Eye Disease Study: Age- Related Eye Disease Study report number 3*. Ophthalmology, 2000. **107**(12): p. 2224-2232.
10. Evans, J. and R. Wormald, *Is the incidence of registrable age-related macular degeneration increasing?* British Journal of Ophthalmology, 1996. **80**(1): p. 9-14.
11. Klein, R., B. Klein, and K. Linton, *Prevalence of Age-Related Maculopathy - the Beaver Dam Eye Study*. Ophthalmology, 1992. **99**(6): p. 933-943.
12. Vinding, T., *Age-related macular degeneration*. Acta Ophthalmologica Scandinavica, 1995. **217**: p. 1-32.
13. Klaver, C., R. Wolfs, and J. Assink, *Genetic Risk of Age-Related Maculopathy. Population-Based Familial Aggregation Study*. Archives of Ophthalmology, 1998. **116**: p. 1646-1651.
14. Hyman, L.G., et al., *Senile Macular Degeneration - a Case-Control Study*. American Journal of Epidemiology, 1983. **118**(2): p. 213-227.
15. Klaver, C., et al., *Familial aggregation of age-related macular degeneration in the Rotterdam Study (abstract)*. Investigative Ophthalmological Visual Science, 1997. **38**: p. S967.

16. Bradley, A., et al., *Effects of target distance and pupil size on letter contrast sensitivity with simultaneous vision bifocal contact lenses*. *Optom Vis Sci*, 1993. **70**(6): p. 476-81.
17. Silvestri, G., *Age-related macular degeneration: Genetics and implications for detection and treatment*. *Molecular Medicine Today*, 1997. **3**(2): p. 84-91.
18. Allikmets, R., et al., *Mutation of the Stargardt disease gene (ABCR) in age-related macular degeneration*. *Science*, 1997. **277**: p. 1805-1807.
19. Bernstein, P.S., et al., *Genotype-phenotype analysis of ABCR variants in macular degeneration probands and siblings*. *Investigative Ophthalmology & Visual Science*, 2002. **43**(2): p. 466-473.
20. EDCCS Group, *Risk Factors for age-related macular degeneration*. *The Eye Disease Case-Control Study Group*. *Archives of Ophthalmology*, 1992. **110**: p. 1701-8.
21. Hill, R., *Age-related macular degeneration: risk factors and odds ratios*. *British Journal of Optometry and Dispensing*, 1994. **2**(7): p. 261-263.
22. Vingerling, J.R., et al., *Macular Degeneration and Early Menopause - a Case-Control Study*. *British Medical Journal*, 1995. **310**(6994): p. 1570-1571.
23. Vingerling, J.R., et al., *The Prevalence of Age-Related Maculopathy in the Rotterdam Study*. *Ophthalmology*, 1995. **102**(2): p. 205-210.
24. Schachat, A.P., et al., *Features of Age-Related Macular Degeneration in a Black- Population*. *Archives of Ophthalmology*, 1995. **113**(6): p. 728-735.
25. Friedman, B., *Acceptance of weak cylinders at paradoxical axes*. *Arch Ophthalmol*, 1940. **23**: p. 720-726.
26. Jampol, L. and J. Tielsch, *Race, Macular Degeneration, and the Macular Photocoagulation Study*. *Archives of Ophthalmology*, 1992. **110**: p. 1699-1700.
27. Richdale, K., G.L. Mitchell, and K. Zadnik, *Comparison of multifocal and monovision soft contact lens corrections in patients with low-astigmatic presbyopia*. *Optom Vis Sci*, 2006. **83**(5): p. 266-73.
28. Weiter, J., A.R. Smith, and L. Root, *Relationship of senile macular degeneration to ocular pigmentation*. *American Journal of Ophthalmology*, 1985. **99**: p. 185-187.
29. Vargas, L.G., et al., *Performance of the ICU accommodating intraocular lens in relation to capsulorrhexis size*. *J Cataract Refract Surg*, 2005. **31**(2): p. 363-8.
30. Sandberg, M., A.R. Smith, and D. Jones, *Iris pigmentation and extent of disease in patients with neovascular age-related macular degeneration*. *Investigative Ophthalmological Vision Science*, 1994. **35**: p. 2734-2740.
31. Tamakoshi, A., et al., *Smoking and neovascular form of age-related macular degeneration in late middle aged males: findings from a case-control study in Japan*. *British Journal of Ophthalmology*, 1997. **81**: p. 901-904.
32. Pryor, W., et al., *The radicals in cigarette tar: their nature and suggested physiological implications*. *Science*, 1983. **220**: p. 425-427.
33. Bettman, J., V. Fellows, and P. Chao, *The effect of cigarette smoking on the introcular circulation*. *Archives of Ophthalmology*, 1958. **59**: p. 481-488.

34. Hawkins, R., *Smoking, platelets and thrombosis*. Nature, 1972. **236**: p. 450-452.
35. Craig, W., G. Palomak, and J. Haddow, *Cigarette smoking and serum lipid and lipoprotein concentrations: an analysis of published data*. British Medical Journal, 1989. **298**: p. 784-788.
36. Stryker, W., L. Kaplan, and E. Stein, *The relation of diet, cigarette smoking, and alcohol consumption to plasma beta-carotene and alpha-tocopherol levels*. American Journal of Epidemiology, 1988. **127**: p. 283-296.
37. Vingerling, J.R., et al., *Age-Related Macular Degeneration Is Associated with Atherosclerosis - the Rotterdam Study*. American Journal of Epidemiology, 1995. **142**(4): p. 404-409.
38. Mangione, C.M., et al., *Development of the 'Activities of Daily Vision Scale'. A measure of visual functional status*. Med Care, 1992. **30**(12): p. 1111-26.
39. Vingerling, J.R., et al., *Age-related macular degeneration and smoking - The Rotterdam study*. Archives of Ophthalmology, 1996. **114**(10): p. 1193-1196.
40. Hussain, B., et al., *Changing from Snellen to LogMAR: debate or delay?* Clin Experiment Ophthalmol, 2006. **34**(1): p. 6-8.
41. Delcourt, C., J. Diaz, and A. Ponton-Sanchez, *Smoking and Age-Related Macular Degeneration*. Archives of Ophthalmology, 1998. **116**: p. 1031-1035.
42. Maltzman, B., M. Mulvihill, and A. Greenbaum, *Senile macular degeneration and risk factors: a case-control study*. Annals of Ophthalmology, 1979. **11**: p. 1197-1201.
43. Blumenkranz, M.S., et al., *Risk-Factors in Age-Related Maculopathy Complicated by Choroidal Neovascularization*. Ophthalmology, 1986. **93**(5): p. 552-558.
44. Hung, L.F. and E.L. Smith, 3rd, *Extended-wear, soft, contact lenses produce hyperopia in young monkeys*. Optom Vis Sci, 1996. **73**(9): p. 579-84.
45. Moss, S.E., et al., *Alcohol consumption and the 5-year incidence of age related maculopathy - The Beaver Dam Eye Study*. Ophthalmology, 1998. **105**(5): p. 789-794.
46. Brydon, K.W., A.C. Tokarewicz, and B.D. Nichols, *AMO array multifocal lens versus monofocal correction in cataract surgery*. J Cataract Refract Surg, 2000. **26**(1): p. 96-100.
47. Di Luzio, N., *The role of lipid peroxidation and antioxidants in ethanol-induced lipid alterations*. Experimental Molecular Pathology, 1968. **8**: p. 394-402.
48. Cederbaum, A., *Role of lipid peroxidation and oxidative stress in alcohol toxicity*. Free Radic Biol Med, 1989. **7**: p. 537-539.
49. Rosenblum, E., J. Gavalier, and D. Van Thiel, *Lipid peroxidation: mechanism for alcohol-induced testicular injury*. Free Radic Biol Med, 1989. **7**: p. 569-577.
50. Obisesan, T.O., et al., *Moderate wine consumption is associated with decreased odds of developing age-related macular degeneration in NHANES-I*. Journal of the American Geriatrics Society, 1998. **46**(1): p. 1-7.

51. Ritter, L.L., et.al, *Alcohol use and age-related maculopathy in the Beaver Dam Eye Study*. American Journal of Ophthalmology, 1995. **120**: p. 190-196.
52. Syme, S. and L. Berkman, *Social class, susceptibility and sickness*. American Journal of Epidemiology, 1976. **104**: p. 1-8.
53. Marmot, M., M. Kogevinas, and M. Elston, *Social/economic status and disease*. Annual Review of Public Health, 1987. **8**: p. 111-135.
54. Adler, N., *Socioeconomic inequalities in health: no easy solution*. Journal of the American Medical Association, 1993. **269**: p. 3140-3145.
55. Klein, R., et al., *The relation of socioeconomic factors to age-related cataract, maculopathy and impaired vision: the Beaver Dam Eye Study*. Ophthalmology, 1994. **101**: p. 1969-1979.
56. Richer, S., *Multicenter ophthalmic and nutritional age-related macular degeneration study part 2: antioxidant intervention and conclusions*. J Am Optom Assoc, 1996. **67**: p. 30-49.
57. Pratt, S., *Dietary prevention of age-related macular degeneration*. Journal of the American Optometric Association, 1999. **70**(1): p. 39-47.
58. Landrum, J.T. and R.A. Bone, *Lutein, zeaxanthin, and the macular pigment*. Archives of Biochemistry and Biophysics, 2001. **385**(1): p. 28-40.
59. Schalch, W., *Importance of the carotenoids lutein and zeaxanthin for the human eye. Part I*. Chimica Oggi-Chemistry Today, 2001. **19**(9): p. 12-15.
60. Bernstein, P.S., *New insights into the role of the macular carotenoids in age-related macular degeneration. Resonance Raman studies*. Pure and Applied Chemistry, 2002. **74**(8): p. 1419-1425.
61. Snodderly, D.M., B. Brown, and F. Delori, *The macular pigment I. Absorbance spectra, localisation, and discrimination from other yellow pigments in primate retinas*. Investigative Ophthalmological Vision Science, 1984. **25**: p. 660-673.
62. Snodderly, D.M., J. Auran, and F. Delori, *The macular pigment II. Spatial distribution in primate retinas*. Investigative Ophthalmological Vision Science, 1984. **25**: p. 674-685.
63. Bone, R., J. Landrum, and S. Tarsis, *Preliminary identification of the human macular pigment*. Vision Research, 1985. **25**: p. 1531-1535.
64. Bone, R., J.T. Landrum, and L. Fernandez, *Analysis of the macular pigment by HPLC: retinal distribution and age study*. Investigative Ophthalmological Vision Science, 1988. **29**: p. 843-849.
65. Bernstein, P.S., et al., *Resonance Raman measurement of macular carotenoids in normal subjects and in age-related macular degeneration patients*. Ophthalmology, 2002. **109**(10): p. 1780-7.
66. Beatty, S., *Macular Pigment and Age-related Macular Degeneration*. Report of the Special Interest Symposium: Xanthophyll Carotenoids and the Macular Pigment Lutein, 2001.
67. The AREDS Research Group, *A randomized, placebo-controlled, clinical trial of high-dose supplementation with vitamins C and E, beta carotene, and zinc for age-related macular degeneration and vision loss - AREDS Report No. 8*. Archives of Ophthalmology, 2001. **119**(10): p. 1417-1436.

68. Hirvela, H., et al., *Risk factors of age-related maculopathy in a population 70 years of age or older*. *Ophthalmology*, 1996. **103**(6): p. 871-877.
69. Smith, R.M., R.E. Schumacker, and M.J. Bush, *Using item mean squares to evaluate fit to the Rasch model*. *J Outcome Meas*, 1998. **2**(1): p. 66-78.
70. Klein, R., B. Klein, and T. Franke, *The relationship of cardiovascular disease and its risk factors to age-related maculopathy: the Beaver Dam Eye Study*. *Ophthalmology*, 1993. **100**: p. 406-414.