

LOCS III INSTRUCTION BIBLIOGRAPHY

In the following list of references I have divided the LOCS-relevant publications into groups depending on their main focus or theme. These themes are denoted by an acronym at the end of each reference and the acronyms are defined as follows:

1. "VAL" Studies that validate the LOCS systems.
2. "CSE" Cross-sectional epidemiologic or other studies.
3. "LE" Longitudinal epidemiological or other studies.
4. "VIS" Studies that measure the impact of lens opacification on some aspect of visual function.
5. "VIT" Studies that assess the role of vitamins on the lens.
6. "GH" Studies that assess the significance of lens opacification on some aspect of general health.
7. "GLAU" Studies of lens opacification in glaucoma.
8. "OBJ" Studies in which subjective LOCS grades have also been assessed with objective methods.
9. "RET" Studies of lens opacification in retinal disease.
10. "SUR" Studies of surgical techniques in which quantitating lens opacification is important.

Since some publications can be coded with two or more acronyms or placed in more than one section, some duplication of references in the different sections of the bibliography is inevitable.

1. **Chylack LT Jr, Wolfe JK, Singer DM, Leske MC, Bullimore MA, Bailey IL, Friend J, McCarthy D, Wu SY.**
The Lens Opacities Classification System III. The Longitudinal Study of Cataract Study Group.
Arch Ophthalmol. 1993 Jun;111(6):831-6.
PMID: 8512486 [PubMed - indexed for MEDLINE]
2. **Chylack LT Jr, Leske MC, McCarthy D, Khu P, Kashiwagi T, Sperduto R.**
Lens opacities classification system II (LOCS II)
Arch Ophthalmol. 1989 Jul;107(7):991-7.
PMID: 2751471 [PubMed - indexed for MEDLINE]
3. **Chylack LT Jr, Leske MC, Sperduto R, Khu P, McCarthy D.**
Lens Opacities Classification System.
Arch Ophthalmol. 1988 Mar;106(3):330-4.
PMID: 3345149 [PubMed - indexed for MEDLINE]
4. **Maraini G, Pasquini P, Tomba MC, Bonacini M, Stazi MA, Rosmini F, Sperduto RD.**
An independent evaluation of the Lens Opacities Classification System II (LOCS II). The Italian-AmeRican Cataract Study Group.
Ophthalmology. 1989 May;96(5):611-5.
PMID: 2748117 [PubMed - indexed for MEDLINE] VAL
5. **Khu PM, Kashiwagi T.**

Subjective (LOCS II) versus objective (BGS) measures of cortical and subcapsular cataracts in retroillumination photographs.

Ophthalmic Res. 1990;22 Suppl 1:68-70.

PMID: 2388754 [PubMed - indexed for MEDLINE]

VAL

6. Maraini G, Pasquini P, Sperduto RD, Bonacini M, Carrieri MP, Corona R, Graziosi P, Tomba MC, Williams SL.

The effect of cataract severity and morphology on the reliability of the Lens Opacities Classification System II (LOCS II).

Invest Ophthalmol Vis Sci. 1991 Jul;32(8):2400-3.

PMID: 2071351 [PubMed - indexed for MEDLINE]

VAL

7. Xu J, Yu Q, Zhu S, Li S.

Evaluation of a lens opacities classification system II (LOCS II) in the survey population-based sample.

Yan Ke Xue Bao. 1991 Sep;7(3):140-2.

PMID: 1842367 [PubMed - indexed for MEDLINE]

VAL

8. Taylor HR, Lee JA, Wang F, Munoz B.

A comparison of two photographic systems for grading cataract.

Invest Ophthalmol Vis Sci. 1991 Mar;32(3):529-32.

PMID: 2001927 [PubMed - indexed for MEDLINE]

VAL

9. Miglior S, Marighi PE, Orzalesi N.

Suitability of slit lamp retroillumination photographs for classifying cataracts according to 'Lens Opacities Classification System II (LOCS II)'.

Curr Eye Res. 1992 Oct;11(10):971-9.

PMID: 1451528 [PubMed - indexed for MEDLINE]

VAL

10. Magno BV, Datiles MB 3rd, Lasa SM.

Senile cataract progression studies using the Lens Opacities Classification System II.

Invest Ophthalmol Vis Sci. 1993 May;34(6):2138-41.

PMID: 8491564 [PubMed - indexed for MEDLINE]

VAL

11. Chylack LT Jr, Wolfe JK, Friend J, Khu PM, Singer DM, McCarthy D, del Carmen J, Rosner B.

Quantitating cataract and nuclear brunescence, the Harvard and LOCS systems.

Optom Vis Sci. 1993 Nov;70(11):886-95.

PMID: 8302524 [PubMed - indexed for MEDLINE]

VAL

12. Karbassi M, Khu PM, Singer DM, Chylack LT Jr.

Evaluation of lens opacities classification system III applied at the slitlamp.

Optom Vis Sci. 1993 Nov;70(11):923-8.

PMID: 8302528 [PubMed - indexed for MEDLINE]

VAL

- 13. Chylack LT Jr, Wolfe JK, Friend J, Tung W, Singer DM, Brown NP, Hurst MA, Kopcke W, Schalch W.**
Validation of methods for the assessment of cataract progression in the Roche European-American Anticataract Trial (REACT)
Ophthalmic Epidemiol. 1995 Jun;2(2):59-75.
PMID: 7585237 [PubMed - indexed for MEDLINE]
VAL
- 14. Kirwan JF, Venter L, Stulting AA, Murdoch IE.**
LOCS III examination at the slit lamp, do settings matter?
Ophthalmic Epidemiol. 2003 Oct;10(4):259-66.
PMID: 14628968 [PubMed - indexed for MEDLINE]
VAL
- 15. Datiles MB 3rd, Magno BV, Freidlin V.**
Study of nuclear cataract progression using the National Eye Institute Scheimpflug system.
Br J Ophthalmol. 1995 Jun;79(6):527-34.
PMID: 7626567 [PubMed - indexed for MEDLINE]
VAL
- 16. Rouhiainen P, Rouhiainen H, Salonen JT.**
Lens opacity increase in a longitudinal study: comparison of the lens opacities classification system II and lensmeter 701.
Curr Eye Res. 1996 Mar;15(3):293-7.
PMID: 8654109 [PubMed - indexed for MEDLINE]
VAL
- 17. Assia EI, Medan I, Rosner M.**
Correlation between clinical, physical and histopathological characteristics of the cataractous lens.
Graefes Arch Clin Exp Ophthalmol. 1997 Dec;235(12):745-8.
PMID: 9439965 [PubMed - indexed for MEDLINE]
VAL
- 18. Hall AB, Thompson JR, Deane JS, Rosenthal AR.**
LOCS III versus the Oxford Clinical Cataract Classification and Grading System for the assessment of nuclear, cortical and posterior subcapsular cataract.
Ophthalmic Epidemiol. 1997 Dec;4(4):179-94.
PMID: 9500153 [PubMed - indexed for MEDLINE]
VAL
- 19. Elliott DB, Situ P.**
Visual acuity versus letter contrast sensitivity in early cataract.
Vision Res. 1998 Jun;38(13):2047-52.
PMID: 9797950 [PubMed - indexed for MEDLINE]
VAL
- 20. van den Berg TJ, Coppens JC.**
Conversion of lens slit lamp photographs into physical light-scattering units.
Invest Ophthalmol Vis Sci. 1999 Aug;40(9):2151-7.
PMID: 10440273 [PubMed - indexed for MEDLINE]
VAL

- 21. Hall NF, Lempert P, Shier RP, Zakir R, Phillips D.**
Grading nuclear cataract: reproducibility and validity of a new method.
Br J Ophthalmol. 1999 Oct;83(10):1159-63.
PMID: 10502578 [PubMed - indexed for MEDLINE]
VAL
- 22. Fujisawa K, Sasaki K, Shibata T, Masuyama M.**
[Inter-observer agreement tests in cataract epidemiology surveys]
Nippon Ganka Gakkai Zasshi. 1991 Sep;95(9):873-7. Japanese.
PMID: 1796770 [PubMed - indexed for MEDLINE]
VAL
- 23. Siik S, Chylack LT Jr, Friend J, Wolfe J, Teikari J, Nieminen H, Airaksinen PJ.**
Lens autofluorescence and light scatter in relation to the lens opacities classification system, LOCS III.
Acta Ophthalmol Scand. 1999 Oct;77(5):509-14.
PMID: 10551289 [PubMed - indexed for MEDLINE]
VAL
- 24. van den Berg TJ.**
Depth-dependent forward light scattering by donor lenses.
Invest Ophthalmol Vis Sci. 1996 May;37(6):1157-66.
PMID: 8631630 [PubMed - indexed for MEDLINE]
VAL
- 25. Karbassi M, Magnante PC, Wolfe JK, Chylack LT Jr.**
Objective line spread function measurements, Snellen acuity, and LOCS II classification in patients with cataract.
Optom Vis Sci. 1993 Nov;70(11):956-62.
PMID: 8302532 [PubMed - indexed for MEDLINE]
VAL
- 26. Seland JH, Chylack LT Jr, Wolfe JK.**
Indirect spectral transmission ratio measurements of the aging crystalline lens nucleus.
Acta Ophthalmol (Copenh). 1992 Jun;70(3):376-82.
PMID: 1636402 [PubMed - indexed for MEDLINE]
VAL
- 27. Chylack LT Jr, Leske MC, Khu P, McCarthy D, Wu SY.**
Strategies for measuring the rate of age-related cataract formation in vivo.
Lens Eye Toxic Res. 1989;6(4):515-22.
PMID: 2487269 [PubMed - indexed for MEDLINE]
VAL
- 28. Murgatroyd H, Cox A, Ellingford A, Ellis JD, Macewen CJ, Leese GP.**
Can we predict which patients are at risk of having an ungradeable digital image for screening for diabetic retinopathy?
Eye. 2006 Oct 6; [Epub ahead of print]
PMID: 17024219 [PubMed - as supplied by publisher]

VAL

29. Freeman G, Pesudovs K.

The impact of cataract severity on measurement acquisition with the IOLMaster.

Acta Ophthalmol Scand. 2005 Aug;83(4):439-42.

PMID: 16029267 [PubMed - indexed for MEDLINE]

VAL

30. Van Den Berg TJ, Van Rijn LJ, Michael R, Heine C, Coeckelbergh T, Nischler C, Wilhelm H, Grabner G, Emesz M, Barraquer RI, Coppens JE, Franssen L.

Straylight Effects with Aging and Lens Extraction.

Am J Ophthalmol. 2007 Jul 23; [Epub ahead of print]

PMID: 17651678 [PubMed - as supplied by publisher]

VAL

31. Abdul-Rahman AM, Molteno T, Molteno AC.

Fourier analysis of digital retinal images in estimation of cataract severity.

Clin Experiment Ophthalmol. 2008 Oct;36(7):637-45.

PMID: 18983549 [PubMed - in process]

VAL

32. Tan AC, Loon SC, Choi H, Thean L.

Lens Opacities Classification System III: cataract grading variability between junior and senior staff at a Singapore hospital.

J Cataract Refract Surg. 2008 Nov;34(11):1948-52.

PMID: 19006743 [PubMed - indexed for MEDLINE]

VAL

33. Submacular Surgery Trials Research Group; Mann AL, Bressler SB, Hawkins BS, Holekamp N, Bressler NM.

Comparison of methods to identify incident cataract in eyes of patients with neovascular maculopathy: Submacular Surgery Trials Report No. 18.

Ophthalmology. 2008 Jan;115(1):127-33. Epub 2007 Jun 14.

PMID: 17574675 [PubMed - indexed for MEDLINE]

VAL

34. Pei X, Bao Y, Chen Y, Li X.

Correlation of lens density measured using the Pentacam Scheimpflug system with the Lens Opacities Classification System III grading score and visual acuity in age-related nuclear cataract.

Br J Ophthalmol. 2008 Nov;92(11):1471-5. Epub 2008 Jun 27.

PMID: 18586899 [PubMed - indexed for MEDLINE]

VAL

35. Miglior S, Marighi PE, Orzalesi N.

Suitability of slit lamp retroillumination photographs for classifying cataracts according to 'Lens Opacities Classification System II (LOCS II)'.

PMID: 1451528 [PubMed - indexed for MEDLINE]

VAL

36. Ortiz D, Alió JL, Ruiz-Colechá J, Oser U.

Grading nuclear cataract opacity by densitometry and objective optical analysis.
J Cataract Refract Surg. 2008 Aug;34(8):1345-52.
PMID: 18655986 [PubMed - indexed for MEDLINE]
VAL

- 37. Murthy GV, Gupta SK, Maraini G, Camparini M, Price GM, Dherani M, John N, Chakravarthy U, Fletcher AE.**
Prevalence of lens opacities in North India: the INDEYE feasibility study.
Invest Ophthalmol Vis Sci. 2007 Jan; 48(1):88-95.
CSE
- 38. Vijaya L, George R, Arvind H, Baskaran M, Raju P, Ramesh SV, Paul PG, Kumaramanickavel G, McCarty C.**
Prevalence and causes of blindness in the rural population of the Chennai Glaucoma Study.
Br J Ophthalmol. 2006 Apr; 90(4):407-10.
PMID: 16547314 [PubMed - indexed for MEDLINE]
CSE
- 39. Bojarskiene F, Paunksnis A.**
Prevalence of cataract in 35-64 years old Kaunas city population
Medicina (Kaunas). 2005;41(9):774-80. Lithuanian.
PMID: 16227710 [PubMed - indexed for MEDLINE]
CSE
- 40. Chiu CJ, Morris MS, Rogers G, Jacques PF, Chylack LT Jr, Tung W, Hankinson SE, Willett WC, Taylor A.**
Carbohydrate intake and glycemic index in relation to the odds of early cortical and nuclear lens opacities.
Am J Clin Nutr. 2005 Jun;81(6):1411-6.
PMID: 15941895 [PubMed - indexed for MEDLINE]
CSE
- 41. Varma R, Torres M; Los Angeles Latino Eye Study Group.**
Prevalence of lens opacities in Latinos: the Los Angeles Latino Eye Study.
Ophthalmology. 2004 Aug;111(8):1449-56.
PMID: 15288970 [PubMed - indexed for MEDLINE]
CSE
- 42. Nirmalan PK, Robin AL, Katz J, Tielsch JM, Thulasiraj RD, Krishnadas R, Ramakrishnan R.**
Risk factors for age related cataract in a rural population of southern India: the Aravind Comprehensive Eye Study.
Br J Ophthalmol. 2004 Aug;88(8):989-94.
PMID: 15258010 [PubMed - indexed for MEDLINE]
CSE
- 43. Nirmalan PK, Krishnadas R, Ramakrishnan R, Thulasiraj RD, Katz J, Tielsch JM, Robin AL.**
Lens opacities in a rural population of southern India: the Aravind Comprehensive Eye Study.
Invest Ophthalmol Vis Sci. 2003 Nov;44(11):4639-43.
PMID: 14578379 [PubMed - indexed for MEDLINE]
CSE

- 44. Foster PJ, Wong TY, Machin D, Johnson GJ, Seah SK.**
Risk factors for nuclear, cortical and posterior subcapsular cataracts in the Chinese population of Singapore: the Tanjong Pagar Survey.
Br J Ophthalmol. 2003 Sep;87(9):1112-20.
PMID: 12928278 [PubMed - indexed for MEDLINE]
CSE
- 45. Tsai SY, Hsu WM, Cheng CY, Liu JH, Chou P.**
Epidemiologic study of age-related cataracts among an elderly Chinese population in Shih-Pai, Taiwan.
Ophthalmology. 2003 Jun;110(6):1089-95.
PMID: 12799231 [PubMed - indexed for MEDLINE]
CSE
- 46. Stocks N, Patel R, Sparrow J, Davey-Smith G.**
Prevalence of cataract in the Speedwell Cardiovascular Study: a cross-sectional survey of men aged 65-83.
Eye. 2002 May;16(3):275-80.
PMID: 12032717 [PubMed - indexed for MEDLINE]
CSE
- 47. Hyman L, Wu SY, Connell AM, Schachat A, Nemesure B, Hennis A, Leske MC.**
Prevalence and causes of visual impairment in The Barbados Eye Study.
Ophthalmology. 2001 Oct;108(10):1751-6.
PMID: 11581045 [PubMed - indexed for MEDLINE]
CSE
- 48. Chen WL, Hwang JS, Hu TH, Chen MS, Chang WP.**
Lenticular opacities in populations exposed to chronic low-dose-rate gamma radiation from radiocontaminated buildings in Taiwan.
Radiat Res. 2001 Jul;156(1):71-7.
PMID: 11418075 [PubMed - indexed for MEDLINE]
CSE
- 49. Hennis A, Wu SY, Li X, Nemesure B, Leske MC; Barbados Eye Study Group.**
Lens opacities and mortality : the Barbados Eye Studies.
Ophthalmology. 2001 Mar;108(3):498-504.
PMID: 11237904 [PubMed - indexed for MEDLINE]
CSE
- 50. Wong TY, Foster PJ, Ng TP, Tielsch JM, Johnson GJ, Seah SK.**
Variations in ocular biometry in an adult Chinese population in Singapore: the Tanjong Pagar Survey.
Invest Ophthalmol Vis Sci. 2001 Jan;42(1):73-80.
PMID: 11133850 [PubMed - indexed for MEDLINE]
CSE
- 51. Balaram M, Tung WH, Kuszak JR, Ayaki M, Shinohara T, Chylack LT, Jr.**
Noncontact specular microscopy of human lens epithelium.
Invest Ophthalmol Vis Sci. 2000 Feb;41(2):474-81.

PMID: 10670478 [PubMed - indexed for MEDLINE]
CSE

52. Lou MF, Dickerson JE Jr, Tung WH, Wolfe JK, Chylack LT Jr.

Correlation of nuclear color and opalescence with protein S-thiolation in human lenses.
Exp Eye Res. 1999 May;68(5):547-52.
PMID: 10328968 [PubMed - indexed for MEDLINE]
CSE

53. Xu J, Yu Q, Zhu S, Liu Q.

A population-based study of lens opacities.
Yan Ke Xue Bao. 1996 Sep;12(3):115-7.
PMID: 9639834 [PubMed - indexed for MEDLINE]
CSE

54. Melberg NS, Thomas MA.

Nuclear sclerotic cataract after vitrectomy in patients younger than 50 years of age.
Ophthalmology. 1995 Oct;102(10):1466-71.
PMID: 9097793 [PubMed - indexed for MEDLINE]
CSE

55. Miglior S, Marighi PE, Musicco M, Balestreri C, Nicolosi A, Orzalesi N.

Risk factors for cortical, nuclear, posterior subcapsular and mixed cataract: a case-control study.
Ophthalmic Epidemiol. 1994 Jun;1(2):93-105.
PMID: 8790616 [PubMed - indexed for MEDLINE]
CSE

56. Xu JJ, Yu Q, Zhu SP.

An epidemiologic survey on lens opacities in Doumen County
Zhonghua Yan Ke Za Zhi. 1994 May;30(3):225-7. Chinese.
PMID: 7843008 [PubMed - indexed for MEDLINE]
CSE

57. Maraini G, Pasquini P, Sperduto RD, Rosmini F, Bonacini M, Tomba MC, Corona R.

Distribution of lens opacities in the Italian-American Case-Control Study of Age-Related Cataract. The Italian-American Study Group.
Ophthalmology. 1990 Jun;97(6):752-6.
PMID: 2374679 [PubMed - indexed for MEDLINE]
CSE

58. Nirmalan PK, Krishnaiah S, Shamanna BR, Rao GN, Thomas R.

A population-based assessment of presbyopia in the state of Andhra Pradesh, south India: the Andhra Pradesh Eye Disease Study.
Invest Ophthalmol Vis Sci. 2006 Jun;47(6):2324-8.
PMID: 16723440 [PubMed - indexed for MEDLINE]
CSE

59. Leske MC, Wu SY, Connell AM, Hyman L, Schachat AP.

Lens opacities, demographic factors and nutritional supplements in the Barbados Eye Study.
Int J Epidemiol. 1997 Dec;26(6):1314-22.
PMID: 9447412 [PubMed - indexed for MEDLINE]

CSE

60. Ursell PG, Spalton DJ, Tilling K.

Relation between postoperative blood-aqueous barrier damage and LOCS III cataract gradings following routine phacoemulsification surgery.

Br J Ophthalmol. 1997 Jul;81(7):544-7.

PMID: 9290365 [PubMed - indexed for MEDLINE]

CSE

61. Evans JR, Rauf A, Aihie Sayer A, Wormald RP, Cooper C.

Age-related nuclear lens opacities are associated with reduced growth before 1 year of age.

Invest Ophthalmol Vis Sci. 1998 Aug;39(9):1740-4.

PMID: 9699565 [PubMed - indexed for MEDLINE]

CSE

62. Zangwill LM, Berry CC, Weinreb RN.

Optic disc topographic measurements after pupil dilation.

Ophthalmology. 1999 Sep;106(9):1751-5.

PMID: 10485546 [PubMed - indexed for MEDLINE]

CSE

63. Arvind H, Raju P, Paul PG, Baskaran M, Ramesh SV, George RJ, McCarty C, Vijaya L.

Pseudoexfoliation in South India.

Br J Ophthalmol. 2003 Nov;87(11):1321-3.

PMID: 14609823 [PubMed - indexed for MEDLINE]

CSE

64. Mukesh Dherani, Gudlavalleti V. S. Murthy, Sanjeev K. Gupta, Ian S. Young, Giovanni Maraini, Monica Camparini, Gill M. Price, Neena John, Usha Chakravarthy, and Astrid E. Fletcher

Blood Levels of Vitamin C, Carotenoids and Retinol Are Inversely Associated with Cataract in a North Indian Population

Invest Ophthalmol Vis Sci. 2008 Aug;49(8):3328-35. Epub 2008 Apr 17.

PMID: 18421094 [PubMed - indexed for MEDLINE]

CSE

65. Pastor-Valero M, Fletcher AE, De Stavola BL, Chaques-Alepuz V.

Years of sunlight exposure and cataract: a case-control study in a Mediterranean population.

BMC Ophthalmol. 2007 Nov 26;7(1):18 [Epub ahead of print]

PMID: 18039367 [PubMed - as supplied by publisher]

CSE

66. Seroczynska M, Gralek M, Kanigowska K.

Analysis of the changes in the causes of blindness and significant vision loss among children and young adults born between 1974 and 2004.]

Med Wieku Rozwoj. 2007;XI(2 pt 2):193-216. Polish.

PMID: 17965470 [PubMed - as supplied by publisher]

CSE

67. Praveen MR, Vasavada AR, Jani UD, Trivedi RH, Choudhary PK.

Prevalence of Cataract Type in Relation to Axial Length in Subjects with High Myopia and Emmetropia in an Indian Population.

Am J Ophthalmol. 2007 Oct 13; [Epub ahead of print]

PMID: 17936714 [PubMed - as supplied by publisher]
CSE

- 68. Chen L, Holland GN, Yu F, Levinson RD, Lampi KJ, Horwitz J, Gordon LK.**
Associations of seroreactivity against crystallin proteins with disease activity and cataract in patients with uveitis.
Invest Ophthalmol Vis Sci. 2008 Oct;49(10):4476-81. Epub 2008 Jun 6.
PMID: 18539933 [PubMed - indexed for MEDLINE]
CSE
- 69. Shah SP, Dineen B, Jadoon Z, Bourne R, Khan MA, Johnson GJ, De Stavola B, Gilbert C, Khan MD.**
Lens opacities in Adults in Pakistan: Prevalence and Risk Factors
Ophthalmic Epidemiol. 2007 Nov-Dec;14(6):381-9.
PMID: 18161612 [PubMed - in process]
CSE
- 70. Athanasiou PA, Casson RJ, Sullivan T, Newland HS, Shein WK, Muecke JS, Selva D, Aung T.**
Cataract in rural Myanmar: prevalence and risk factors from the Meiktila Eye Study.
Br J Ophthalmol. 2008 Sep;92(9):1169-74. Epub 2008 Jul 23.
PMID: 18650216 [PubMed - indexed for MEDLINE]
CSE
- 71. Carlos GA, Schellini SA, de Espindola RF, Lana FP, Rodrigues AC, Padovani CR.**
Cataract prevalence in Central-West region of São Paulo, Brazil. Arq Bras Oftalmol. 2009 May-Jun;72(3):375-9
CSE
- 72. Richter GM, Chung J, Azen SP, Varma R; Los Angeles Latino Eye Study.**
Prevalence of visually significant cataract and factors associated with unmet need for cataract surgery Los Angeles Latino Eye Study. Ophthalmology. 2009 Oct 6;[Epub ahead of print]
CSE
- 73. Athanasiou PA, Edussuriya K, Senaratne T, Sennanayake S, Sullivan T, Selva D, Casson RJ.**
Cataract in central Sri Lanka: prevalence and risk factors from the Kandy Eye Study.
Ophthalmic Epidemiol. 2010 Jan-Feb;17(1):34-40
CSE
- 74. Leske MC, Wu SY, Nemesure B, Li X, Hennis A, Connell AM.**
Incidence and progression of lens opacities in the Barbados Eye Studies.
Ophthalmology. 2000 Jul;107(7):1267-73.
PMID: 10889096 [PubMed - indexed for MEDLINE]
CSE, LE
- 75. Chylack LT Jr, Mantell G, Wolfe JK, Friend J, Rosner B.**
Lovastatin and the human lens; results of a two year study. The MSDRL Study Group.
Optom Vis Sci. 1993 Nov;70(11):937-43.
LE

- 76. Rouhiainen P, Rouhiainen H, Salonen JT.**
The impact of early lens opacity progression on visual acuity and refraction.
Ophthalmologica. 1997;211(4):242-6.
PMID: 9216016 [PubMed - indexed for MEDLINE]
LE
- 77. Leske MC, Chylack LT Jr, He Q, Wu SY, Schoenfeld E, Friend J, Wolfe J.**
Incidence and progression of cortical and posterior subcapsular opacities: the Longitudinal Study of Cataract. The LSC Group.
Ophthalmology. 1997 Dec;104(12):1987-93.
PMID: 9400756 [PubMed - indexed for MEDLINE]
LE
- 78. Srinivasan M, Rahmathullah R, Blair CR, Murphy AC, Beck RW, Wilkins JH, Whitcher JP, Smolin G.**
Cataract progression in India.
Br J Ophthalmol. 1997 Oct;81(10):896-900.
PMID: 9486033 [PubMed - indexed for MEDLINE]
LE
- 79. Hoh ST, Greenfield DS, Liebmann JM, Hillenkamp J, Ishikawa H, Mistlberger A, Lim AS, Ritch R.**
Effect of pupillary dilation on retinal nerve fiber layer thickness as measured by scanning laser polarimetry in eyes with and without cataract.
J Glaucoma. 1999 Jun;8(3):159-63.
PMID: 10376254 [PubMed - indexed for MEDLINE]
LE
- 80. Struck HG, Heider C, Lautenschlager C.**
[Changes in the lens epithelium of diabetic and non-diabetic patients with various forms of opacities in senile cataract]
Klin Monatsbl Augenheilkd. 2000 Apr;216(4):204-9. German.
PMID: 10820705 [PubMed - indexed for MEDLINE]
LE
- 81. Lim LS, Husain R, Gazzard G, Seah SK, Aung T.**
Cataract progression after prophylactic laser peripheral iridotomy: potential implications for the prevention of glaucoma blindness.
Ophthalmology. 2005 Aug;112(8):1355-9.
PMID: 16061092 [PubMed - indexed for MEDLINE]
LE
- 82. Husain R, Tong L, Fong A, Cheng JF, How A, Chua WH, Lee L, Gazzard G, Tan DT, Koh D, Saw SM.**
Prevalence of cataract in rural Indonesia.
Ophthalmology. 2005 Jul;112(7):1255-62.
PMID: 15993241 [PubMed - indexed for MEDLINE]
LE
- 83. Leske MC, Wu SY, Nemesure B, Li X, Hennis A, Connell AM.**
Incidence and progression of lens opacities in the Barbados Eye Studies.
Ophthalmology. 2000 Jul;107(7):1267-73.

PMID: 10889096 [PubMed - indexed for MEDLINE]
LE

84. Datiles MB 3rd, Magno BV, Freidlin V.

Study of nuclear cataract progression using the National Eye Institute Scheimpflug system.
Br J Ophthalmol. 1995 Jun;79(6):527-34.
PMID: 7626567 [PubMed - indexed for MEDLINE]
LE

85. Chylack LT Jr, Wolfe JK, Friend J, Tung W, Singer DM, Brown NP, Hurst MA, Kopcke W, Schalch W.

Validation of methods for the assessment of cataract progression in the Roche European-American Anticataract Trial (REACT)
Ophthalmic Epidemiol. 1995 Jun;2(2):59-75.
PMID: 7585237 [PubMed - indexed for MEDLINE]
LE, VIT

86. Magno BV, Datiles MB 3rd, Lasa SM.

Senile cataract progression studies using the Lens Opacities Classification System II.
Invest Ophthalmol Vis Sci. 1993 May;34(6):2138-41.
PMID: 8491564 [PubMed - indexed for MEDLINE]
LE

87. Wolfe JK, Chylack LT Jr.

Objective measurement of cortical and subcapsular opacification in retroillumination photographs.
Ophthalmic Res. 1990;22 Suppl 1:62-7.
PMID: 2388753 [PubMed - indexed for MEDLINE]
OBJ

88. Karbassi M, Magnante PC, Wolfe JK, Chylack LT Jr.

Objective line spread function measurements, Snellen acuity, and LOCS II classification in patients with cataract.
Optom Vis Sci. 1993 Nov;70(11):956-62.
PMID: 8302532 [PubMed - indexed for MEDLINE]
OBJ

89. Kremmer S, Pflug A, Heiligenhaus A, Fanihagh F, Steuhl KP.

[Laser scanning topography and polarimetry with implantation of intraocular lenses before and after cataract surgery]
Klin Monatsbl Augenheilkd. 1999 Jun;214(6):378-85. German.
PMID: 10427540 [PubMed - indexed for MEDLINE]
OBJ

90. Rocha KM, Nose W, Bottos K, Bottos J, Morimoto L, Soriano E.

Higher-order aberrations of age-related cataract.
J Cataract Refract Surg. 2007 Aug; 33 (8):1442-6.
VIS

91. Stifter E, Sacu S, Thaler A, Weghaupt H.

Contrast acuity in cataracts of different morphology and association to self-reported visual function.

Invest Ophthalmol Vis Sci. 2006 Dec; 47(12):5412-22.
VIS

92. Nirmalan PK, Krishnaiah S, Shamanna BR, Rao GN, Thomas R.

A population-based assessment of presbyopia in the state of Andhra Pradesh, south India: the Andhra Pradesh Eye Disease Study.

Invest Ophthalmol Vis Sci. 2006 Jun; 47(6):2324-8.
PMID: 16723440 [PubMed - indexed for MEDLINE]
VIS

93. Nirmalan PK, Tielsch JM, Katz J, Thulasiraj RD, Krishnadas R, Ramakrishnan R, Robin AL.

Relationship between vision impairment and eye disease to vision-specific quality of life and function in rural India: the Aravind Comprehensive Eye Survey.

Invest Ophthalmol Vis Sci. 2005 Jul;46(7):2308-12.
PMID: 15980215 [PubMed - indexed for MEDLINE]
VIS

94. Stifter E, Sacu S, Benesch T, Weghaupt H.

Impairment of visual acuity and reading performance and the relationship with cataract type and density.

Invest Ophthalmol Vis Sci. 2005 Jun;46(6):2071-5.
PMID: 15914625 [PubMed - indexed for MEDLINE]
VIS

95. Sarikkola AU, Sen HN, Uusitalo RJ, Laatikainen L.

Traumatic cataract and other adverse events with the implantable contact lens.

J Cataract Refract Surg. 2005 Mar;31(3):511-24.
PMID: 15811739 [PubMed - indexed for MEDLINE]
VIS

96. van Rijn LJ, Nischler C, Gamer D, Franssen L, de Wit G, Kaper R, Vonhoff D, Grabner G, Wilhelm H, Volker-Dieben HJ, van den Berg TJ.

Measurement of stray light and glare: comparison of Nyktotest, Mesotest, stray light meter, and computer implemented stray light meter.

Br J Ophthalmol. 2005 Mar;89(3):345-51.
PMID: 15722317 [PubMed - indexed for MEDLINE]
VIS

97. Donnelly WJ 3rd, Pesudovs K, Marsack JD, Sarver EJ, Applegate RA.

Quantifying scatter in Shack-Hartmann images to evaluate nuclear cataract.

J Refract Surg. 2004 Sep-Oct;20(5):S515-22.
PMID: 15523968 [PubMed - indexed for MEDLINE]
VIS

98. Evanger K, Haugen OH, Irgens A, Aanderud L, Thorsen E.

Ocular refractive changes in patients receiving hyperbaric oxygen administered by oronasal mask or hood.

Acta Ophthalmol Scand. 2004 Aug;82(4):449-53.
PMID: 15291940 [PubMed - indexed for MEDLINE]
VIS

- 99. Stifter E, Sacu S, Weghaupt H, Konig F, Richter-Muksch S, Thaler A, Velikay-Parel M, Radner W.**
Reading performance depending on the type of cataract and its predictability on the visual outcome.
J Cataract Refract Surg. 2004 Jun;30(6):1259-67.
PMID: 15177601 [PubMed - indexed for MEDLINE]
VIS
- 100. Naidu S, Lee JE, Holopigian K, Seiple WH, Greenstein VC, Stenson SM.**
The effect of variably tinted spectacle lenses on visual performance in cataract subjects.
Eye Contact Lens. 2003 Jan;29(1):17-20.
PMID: 12769150 [PubMed - indexed for MEDLINE]
VIS
- 101. Wong TY, Foster PJ, Johnson GJ, Seah SK.**
Refractive errors, axial ocular dimensions, and age-related cataracts: the Tanjong Pagar survey.
Invest Ophthalmol Vis Sci. 2003 Apr;44(4):1479-85.
PMID: 12657582 [PubMed - indexed for MEDLINE]
VIS
- 102. van den Berg TJ, Coppens JE, van Best JA.**
Derivation of lenticular transmittance from fluorophotometry.
Invest Ophthalmol Vis Sci. 2002 Sep;43(9):3003-7.
PMID: 12202522 [PubMed - indexed for MEDLINE]
VIS
- 103. Quan L, Li S, George CW, Brown B, Yizhi L.**
Comparative study of hyperacuity and retinometer tests for the evaluation of vision in patients with advanced cataract.
Yan Ke Xue Bao. 1997 Sep;13(3):164-6, 161.
PMID: 11326871 [PubMed - indexed for MEDLINE]
VIS
- 104. Elliott DB, Situ P.**
Visual acuity versus letter contrast sensitivity in early cataract.
Vision Res. 1998 Jun;38(13):2047-52.
PMID: 9797950 [PubMed - indexed for MEDLINE]
VIS
- 105. Rouhainen P, Rouhainen H, Salonen JT.**
The impact of early lens opacity progression on visual acuity and refraction.
Ophthalmologica. 1997;211(4):242-6.
PMID: 9216016 [PubMed - indexed for MEDLINE]
VIS
- 106. Lasa MS, Datiles MB 3rd, Freidlin V.**
Potential vision tests in patients with cataracts.
Ophthalmology. 1995 Jul;102(7):1007-11.
PMID: 9121743 [PubMed - indexed for MEDLINE]
VIS

- 107. Moss ID, Wild JM, Whitaker DJ.**
The influence of age-related cataract on blue-on-yellow perimetry.
Invest Ophthalmol Vis Sci. 1995 Apr;36(5):764-73.
PMID: 7706024 [PubMed - indexed for MEDLINE]
VIS
- 108. Maraini G, Rosmini F, Graziosi P, Tomba MC, Bonacini M, Cotichini R, Pasquini P, Sperduto RD.**
Influence of type and severity of pure forms of age-related cataract on visual acuity and contrast sensitivity. Italian American Cataract Study Group.
Invest Ophthalmol Vis Sci. 1994 Jan;35(1):262-7.
PMID: 8300354 [PubMed - indexed for MEDLINE]
VIS
- 109. Lasa MS, Podgor MJ, Datiles MB 3rd, Caruso RC, Magno BV.**
Glare sensitivity in early cataracts.
Br J Ophthalmol. 1993 Aug;77(8):489-91.
PMID: 8025045 [PubMed - indexed for MEDLINE]
VIS
- 110. Chylack LT Jr, Jakubicz G, Rosner B, Khu P, Libman J, Wolfe JK, Padhye N, Friend J.**
Contrast sensitivity and visual acuity in patients with early cataracts.
J Cataract Refract Surg. 1993 May;19(3):399-404.
PMID: 8501637 [PubMed - indexed for MEDLINE]
VIS
- 111. Chylack LT Jr, Padhye N, Khu PM, Wehner C, Wolfe J, McCarthy D, Rosner B, Friend J.**
Loss of contrast sensitivity in diabetic patients with LOCS II classified cataracts.
Br J Ophthalmol. 1993 Jan;77(1):7-11.
PMID: 8435406 [PubMed - indexed for MEDLINE]
VIS
- 112. Lasa MS, Datiles MB 3rd, Podgor MJ, Magno BV.**
Contrast and glare sensitivity. Association with the type and severity of the cataract.
Ophthalmology. 1992 Jul;99(7):1045-9.
PMID: 1495782 [PubMed - indexed for MEDLINE]
VIS
- 113. Van Den Berg TJ, Van Rijn LJ, Michael R, Heine C, Coeckelbergh T, Nischler C, Wilhelm H, Grabner G, Emesz M, Barraquer RI, Coppens JE, Franssen L.**
Straylight effects with aging and lens extraction.
Am J Ophthalmol. 2007 Sep;144(3):358-363. Epub 2007 Jul 25.
PMID: 17651678 [PubMed - indexed for MEDLINE]
VIS
- 114. Seland JH, Chylack LT Jr, Wolfe JK.**
Indirect spectral transmission ratio measurements of the aging crystalline lens nucleus.
Acta Ophthalmol (Copenh). 1992 Jun;70(3):376-82.
PMID: 1636402
VIS

- 115. van den Berg TJ.**
Depth-dependent forward light scattering by donor lenses.
Invest Ophthalmol Vis Sci. 1996 May;37(6):1157-66.
PMID: 8631630 [PubMed - indexed for MEDLINE]
VIS
- 116. Pesudovs K, Coster DJ.**
Cataract surgery reduces subjective visual disability.
Aust N Z J Ophthalmol. 1997 May;25 Suppl 1:S3-5.
PMID: 9267611 [PubMed - indexed for MEDLINE]
VIS
- 117. Van Den Berg TJ, Van Rijn LJ, Michael R, Heine C, Coeckelbergh T, Nischler C, Wilhelm H, Grabner G, Emesz M, Barraquer RI, Coppens JE, Franssen L.**
Straylight Effects with Aging and Lens Extraction.
Am J Ophthalmol. 2007 Jul 23
VIS
- 118. Michael R, van Rijn, van den Berg TJ, Barraquer RI, Grabner G, Wilhelm H, Coeckelbergh T, Emesz M, Marvan P, Nischler C.**
Association of lens opacities, intraocular straylight, contrast sensitivity, and visual acuity in European drivers.
Acta Ophthalmol. 2009 Sep;87(6):666-71
VIS
- 119. Teikari JM, Virtamo J, Rautalahti M, Palmgren J, Liesto K, Heinonen OP.**
Long-term supplementation with alpha-tocopherol and beta-carotene and age-related cataract.
Acta Ophthalmol Scand. 1997 Dec;75(6):634-40.
PMID: 9527321 [PubMed - indexed for MEDLINE]
VIT
- 120. Gritz DC, Srinivasan M, Smith SD, Kim U, Lietman TM, Wilkins JH, Priyadarshini B, Aravind S, Prajna NV, Smolin G, Thulasiraj RD, Selvaraj S, Whitcher JP.**
Antioxidants in prevention of cataracts in South India: methodology and baseline data*.
Ophthalmic Epidemiol. 2006 Apr; 13(2):97-107.
PMID: 16581613 [PubMed - indexed for MEDLINE]
VIT
- 121. Gale CR, Hall NF, Phillips DI, Martyn CN.**
Plasma antioxidant vitamins and carotenoids and age-related cataract.
Ophthalmology. 2001 Nov;108(11):1992-8.
PMID: 11713067 [PubMed - indexed for MEDLINE]
VIT
- 122. Leske MC, Wu SY, Connell AM, Hyman L, Schachat AP.**
Lens opacities, demographic factors and nutritional supplements in the Barbados Eye Study.
Int J Epidemiol. 1997 Dec;26(6):1314-22.
PMID: 9447412 [PubMed - indexed for MEDLINE]
VIT

- 123. Gritz DC, Srinivasan M, Smith SD, Kim U, Lietman TM, Wilkins JH, Priyadharshini B, Aravind S, Prajna NV, Smolin G, Thulasiraj RD, Selvaraj S, Whitcher JP.**
Antioxidants in prevention of cataracts in South India: methodology and baseline data*.
Ophthalmic Epidemiol. 2006 Apr;13(2):97-107.
PMID: 16581613 [PubMed - indexed for MEDLINE]
VIT
- 124. Paunksnis A, Bojarskiene F, Cimbalas A, Cerniauskiene LR, Luksiene DI, Tamosiunas A.**
Relation between cataract and metabolic syndrome and its components.
Eur J Ophthalmol. 2007 Jul-Aug; 17(4):605-14.
GH
- 125. Oishi N, Morikubo S, Takamura Y, Kubo E, Tsuzuki S, Tanimoto T, Akagi Y.**
Correlation between adult diabetic cataracts and red blood cell aldose reductase levels.
Invest Ophthalmol Vis Sci. 2006 May;47(5):2061-4.
PMID: 16639016 [PubMed - indexed for MEDLINE]
GH
- 126. Bojarskiene F, Cerniauskiene LR, Paunksnis A, Luksiene DI.**
Association of metabolic syndrome components with cataract
Medicina (Kaunas). 2006;42(2):115-22. Lithuanian.
PMID: 16528127 [PubMed - indexed for MEDLINE]
GH
- 127. Arvind H, Raju P, Paul PG, Baskaran M, Ramesh SV, George RJ, McCarty C, Vijaya L.**
Pseudoexfoliation in South India.
Br J Ophthalmol. 2003 Nov;87(11):1321-3.
PMID: 14609823 [PubMed - indexed for MEDLINE]
GH
- 128. Jacques PF, Moeller SM, Hankinson SE, Chylack LT Jr, Rogers G, Tung W, Wolfe JK, Willett WC, Taylor A.**
Weight status, abdominal adiposity, diabetes, and early age-related lens opacities.
Am J Clin Nutr. 2003 Sep;78(3):400-5.
PMID: 12936921 [PubMed - indexed for MEDLINE]
GH
- 129. Weintraub JM, Taylor A, Jacques P, Willett WC, Rosner B, Colditz GA, Chylack LT, Hankinson SE.**
Postmenopausal hormone use and lens opacities.
Ophthalmic Epidemiol. 2002 Jul;9(3):179-90.
PMID: 12045885 [PubMed - indexed for MEDLINE]
GH
- 130. Hall NF, Gale CR, Syddall H, Martyn CN, Phillips DI.**
Relation between size at birth and age-related cataract.
Invest Ophthalmol Vis Sci. 2001 Mar;42(3):614-9.
PMID: 11222518 [PubMed - indexed for MEDLINE]
GH

- 131. Struck HG, Heider C, Lautenschlager C.**
Changes in the lens epithelium of diabetic and non-diabetic patients with various forms of opacities in senile cataract.
Klin Monatsbl Augenheilkd. 2000 Apr;216(4):204-9. German.
PMID: 10820705 [PubMed - indexed for MEDLINE]
GH
- 132. Evans JR, Rauf A, Aihie Sayer A, Wormald RP, Cooper C.**
Age-related nuclear lens opacities are associated with reduced growth before 1 year of age.
Invest Ophthalmol Vis Sci. 1998 Aug;39(9):1740-4.
PMID: 9699565 [PubMed - indexed for MEDLINE]
GH
- 133. Chew EY, Ambrosius WT, Howard LT, Greven CM, Johnson S, Danis RP, Davis MD, Genuth S, Domanski M; ACCORD Study Group.** Cited Articles, Structure, Cited in Books Rationale, design, and methods of the Action to Control Cardiovascular Risk in Diabetes Eye Study (ACCORD-EYE).
Am J Cardiol, 2007 Jun 18;99(12A):103i-111i. Epub 2007 Apr 13.
PMID: 17599420 [PubMed – indexed for MEDLINE]
GH
- 134. Plotnikova OV, Kondrashov FA, Vlasov PK, Grigorenko AP, Ginter EK, Rogaev EI.**
Related Project, CoreNucleotide, EST, GSS, OMIA, OMIM (calculated), Compound, http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?itool=pubmed_DocSum&db=pubmed&cmd=Display&dopt=pubmed_pccompound_mesh&from_uid=17564961 Substance (MeSH Keyword), Protein Clusters, Cited Articles, UniGene, Structure, Cited in Books
Conversion and compensatory evolution of the gamma-crystallin genes and identification of a cataractogenic mutation that reverses the sequence of the human CRYGD gene to an ancestral state.
Am J Hum Genet. 2007 Jul;81(1):32-43. Epub 2007 May 16.
PMID: 17564961 [PubMed - indexed for MEDLINE]
GH
- 135. Cai Y, Lim BA, Chi L, Por Y, Oen F, Yan XM, Chew P, Seah S.**
Effects of lens opacity on AccuMap multifocal objective perimetry in glaucoma
Zhonghua Yan Ke Za Zhi. 2006 Nov; 42(11):972-6. Chinese.
GLAU
- 136. Herman DC, Gordon MO, Beiser JA, Chylack LT Jr, Lamping KA, Schein OD, Soltau JB, Kass MA;**
Ocular Hypertension Treatment Study (OHTS) Group. Topical ocular hypotensive medication and lens opacification: evidence from the ocular hypertension treatment study.
Am J Ophthalmol. 2006 Nov;142(5):800-10.
PMID: 17056362 [PubMed - indexed for MEDLINE]
GLAU
- 137. Lim MC, Lim LS, Gazzard G, Husain R, Chan YH, Seah SK, Aung T.**
Lens opacity, thickness, and position in subjects with acute primary angle closure.
J Glaucoma. 2006 Jun; 15(3):260-3.
GLAU

- 138. Casson RJ, James B.**
Effect of cataract on frequency doubling perimetry in the screening mode.
J Glaucoma. 2006 Feb;15(1):23-5.
PMID: 16378013 [PubMed - indexed for MEDLINE]
GLAU
- 139. Gazzard G, Foster PJ, Devereux JG, Oen F, Chew PT, Khaw PT, Seah SK.**
Effect of cataract extraction and intraocular lens implantation on nerve fibre layer thickness measurements by scanning laser polarimeter (GDx) in glaucoma patients.
Eye. 2004 Feb;18(2):163-8.
PMID: 14762409 [PubMed - indexed for MEDLINE]
GLAU
- 140. Zangwill LM, Berry CC, Weinreb RN.**
Optic disc topographic measurements after pupil dilation.
Ophthalmology. 1999 Sep;106(9):1751-5.
PMID: 10485546 [PubMed - indexed for MEDLINE]
GLAU
- 141. Lim LS, Husain R, Gazzard G, Seah SK, Aung T.**
Cataract progression after prophylactic laser peripheral iridotomy: potential implications for the prevention of glaucoma blindness.
Ophthalmology. 2005 Aug;112(8):1355-9.
PMID: 16061092 [PubMed - indexed for MEDLINE]
GLAU
- 142. AEsmaelpour M, Povazay B, Hermann B, Hofer B, Kajic V, Kapoor K, Sheen N, North RV, Drexler W.**
Three-dimensional 1060nm OCT: choroidal thickness maps in normals and improved posterior segment visualization in cataract patients.
IOVS 2010 May 5 [Epub ahead of print].
GLAU
- 143. Submacular Surgery Trials Research Group.**
Comparison of Methods to Identify Incident Cataract in Eyes of Patients with Neovascular Maculopathy Submacular Surgery Trials Report No. 18.
Ophthalmology. 2007 Jun 13
SUR
- 144. Synder A, Omulecki W, Wilczynski M, Wilczynska O.**
Results of bimanual phacoemulsification with intraocular lens implantation through the micro incision
Klin Oczna. 2006; 108(1-3):20-3. Polish.
SUR
- 145. El-Ashry M, Appaswamy S, Deokule S, Pagliarini S.**
The effect of phacoemulsification cataract surgery on the measurement of retinal nerve fiber layer thickness using optical coherence tomography.
Curr Eye Res. 2006 May; 31 (5):409-13.
PMID: 16714232 [PubMed - indexed for MEDLINE]
SUR

- 146. Bencic G, Zoric-Geber M, Saric D, Corak M, Mandic Z.**
Clinical importance of the lens opacities classification system III (LOCS III) in phacoemulsification.
Coll Antropol. 2005;29 Suppl 1:91-4.
PMID: 16193685 [PubMed - indexed for MEDLINE]
SUR
- 147. Freeman G, Pesudovs K.**
The impact of cataract severity on measurement acquisition with the IOLMaster.
Acta Ophthalmol Scand. 2005 Aug;83(4):439-42.
PMID: 16029267 [PubMed - indexed for MEDLINE]
SUR
- 148. Davison JA.**
Ultrasonic power reduction during phacoemulsification using djunctive NeoSoniX technology.
J Cataract Refract Surg. 2005 May;31(5):1015-9.
PMID: 15975472 [PubMed - indexed for MEDLINE]
SUR
- 149. Lin ZD, Feng B, Cheng B, Zou YP.**
The preliminary study of photolysis for cataract surgery.
Zhonghua Yan Ke Za Zhi. 2003 Oct;39(10):601-4. Chinese.
PMID: 14766074 [PubMed - indexed for MEDLINE]
SUR
- 150. Kremmer S, Garway-Heath DF, De Cilla S, Steuhl KP, Selbach JM.**
Influence of cataract surgery with implantation of different intraocular lenses on scanning laser tomography and polarimetry.
Am J Ophthalmol. 2003 Dec;136(6):1016-21.
PMID: 14644211 [PubMed - indexed for MEDLINE]
SUR
- 151. Davison JA, Chylack LT.**
Clinical application of the lens opacities classification system III in the performance of phacoemulsification.
J Cataract Refract Surg. 2003 Jan;29(1):138-45.
PMID: 12551681 [PubMed - indexed for MEDLINE]
SUR
- 152. Sanders DR, Vukich JA; ICL in Treatment of Myopia (ITM) Study Group.**
Incidence of lens opacities and clinically significant cataracts with the implantable contact lens: comparison of two lens designs.
J Refract Surg. 2002 Nov-Dec;18(6):673-82. Erratum in: J Refract Surg. 2003 Jul-Aug;19(4):2nd page following table of contents.
PMID: 12458860 [PubMed - indexed for MEDLINE]
SUR
- 153. Hu C, Zhang X, Hui Y.**
The nuclear hardness and associated factors of age-related Cataract.
Zhonghua Yan Ke Za Zhi. 2000 Sep;36(5):337-40. Chinese.
PMID: 11853623 [PubMed - indexed for MEDLINE]

SUR

154. Chung CP, Hsu SY, Wu WC.

Cataract formation after pars plana vitrectomy.
Kaohsiung J Med Sci. 2001 Feb;17(2):84-9.
PMID: 11416962 [PubMed - indexed for MEDLINE]
SUR

155. Huetz WW, Eckhardt HB.

Photolysis using the Dodick-ARC laser system for cataract surgery.
J Cataract Refract Surg. 2001 Feb;27(2):208-12.
PMID: 11226783 [PubMed - indexed for MEDLINE]
SUR

156. Kremmer S, Pflug A, Heiligenhaus A, Fanihagh F, Steuhl KP.

Laser scanning topography and polarimetry with implantation of intraocular lenses before and after cataract surgery.
Klin Monatsbl Augenheilkd. 1999 Jun;214(6):378-85. German.
PMID: 10427540 [PubMed - indexed for MEDLINE]
SUR

157. Ursell PG, Spalton DJ, Tilling K.

Relation between postoperative blood-aqueous barrier damage and LOCS III cataract gradings following routine phacoemulsification surgery.
Br J Ophthalmol. 1997 Jul;81(7):544-7.
PMID: 9290365 [PubMed - indexed for MEDLINE]
SUR

158. Pesudovs K, Coster DJ.

Cataract surgery reduces subjective visual disability.
Aust N Z J Ophthalmol. 1997 May;25 Suppl 1:S3-5.
PMID: 9267611 [PubMed - indexed for MEDLINE]
SUR

159. Sarikkola AU, Sen HN, Uusitalo RJ, Laatikainen L.

Traumatic cataract and other adverse events with the implantable contact lens.
J Cataract Refract Surg. 2005 Mar;31(3):511-24.
PMID: 15811739 [PubMed - indexed for MEDLINE]
SUR

160. Bakri SJ, Kaiser PK.

Posterior subtenon triamcinolone acetonide for refractory diabetic macular edema.
Am J Ophthalmol. 2005 Feb;139(2):290-4.
PMID: 15733990 [PubMed - indexed for MEDLINE]
SUR

161. Ryu HW, Park SH, Joo CK. Cited Articles, Structure, Cited in Books

A Comparison of the Efficacy of Cataract Surgery Using Aqualase(R) with Phacoemulsification Using MicroFlow(R) System.
Korean J Ophthalmol. 2007 Sep;21(3):137-41.
PMID: 17804917 [PubMed - in process]
SUR

- 162. Shoji T, Tanito M, Takahashi H, Park M, Hayashi K, Sakurai Y, Nishikawa S, Chihara E.**
Phacoviscocanalostomy versus cataract surgery only in patients with coexisting normal-tension glaucoma: midterm outcomes.
J Cataract Refract Surg. 2007 Jul;33(7):1209-16.
PMID: 17586377 [PubMed - indexed for MEDLINE]
SUR
- 163. Richard J, Hoffart L, Chavane F, Ridings B, Conrath J.**
Corneal endothelial cell loss after cataract extraction by using ultrasound phacoemulsification versus a fluid-based system.
Cornea. 2008 Jan;27(1):17-21.
PMID: 18245961 [PubMed - indexed for MEDLINE]
SUR
- 164. Suto C, Sato C, Shimamura E, Toshida H, Ichikawa K, Hori S.**
Influence of the signal-to-noise ratio on the accuracy of IOLMaster measurements.
J Cataract Refract Surg. 2007 Dec;33(12):2062-2066.
PMID: 18053905 [PubMed - as supplied by publisher]
SUR
- 165. Athanasiov PA, Casson RJ, Newland HS, Shein WK, Muecke JS, Selva D, Aung T.**
Cataract surgical coverage and self-reported barriers to cataract surgery in a rural Myanmar population.
Clin Experiment Ophthalmol. 2008 Aug;36(6):521-5.
PMID: 18954313 [PubMed - in process]
SUR
- 166. Hill W, Angeles R, Otani T.**
Evaluation of a new IOLMaster algorithm to measure axial length.
J Cataract Refract Surg. 2008 Jun;34(6):920-4.
PMID: 18498996 [PubMed - indexed for MEDLINE]
SUR
- 167. Athanasiov PA, Edussuriya K, Senaratne T, Sennanayake S, Selva D, Casson RJ.**
Cataract in central Sri Lanka: cataract surgical coverage and self-reported barriers to cataract surgery. Clin Experiment Ophthalmol. 2009 Nov;37(8):780-4
SUR
- 168. Bozkurt E, Bayraktar S, Yazgan S, Cakir M, Cekic O, Erdogan H, Yilmaz OF.**
Comparison of conventional and torsional mode (OSil) phacoemulsification: randomized prospective clinical study. Eur J Ophthalmol. 2009 Jul;19(6):984-990
SUR
- 169. Ilavska M and Kardos L.**
Phacoemulsification of mature and hard nuclear cataracts. Bratisl Lek Listy. 2010;111(2):93-6.
SUR
- 170. Gazzard G, Foster PJ, Devereux JG, Oen F, Chew PT, Khaw PT, Seah SK.**
Effect of cataract extraction and intraocular lens implantation on nerve fibre layer thickness measurements by scanning laser polarimeter (GDx) in glaucoma patients.

Eye. 2004 Feb;18(2):163-8.
PMID: 14762409 [PubMed - indexed for MEDLINE]
RET

- 171. Murgatroyd H, Cox A, Ellingford A, Ellis JD, Macewen CJ, Leese GP.**
Can we predict which patients are at risk of having an ungradeable digital image for screening for diabetic retinopathy?
Eye. 2006 Oct 6; [Epub ahead of print]
PMID: 17024219 [PubMed - as supplied by publisher]
RET
- 172. Strouthidis NG, White ET, Owen VM, Ho TA, Hammond CJ, Garway-Heath DF.**
Factors affecting the test-retest variability of Heidelberg retina tomograph and Heidelberg retina tomograph II measurements.
Br J Ophthalmol. 2005 Nov;89(11):1427-32.
PMID: 16234446 [PubMed - indexed for MEDLINE]
RET
- 173. Tam WK, Chan H, Brown B, Leung KW, Woo V, Yap M.**
Comparing the multifocal electroretinogram topography before and after cataract surgery.
Curr Eye Res. 2005 Jul;30(7):593-9.
PMID: 16020294 [PubMed - indexed for MEDLINE]
RET
- 174. Iacono P, Da Pozzo S, Vattovani O, Tognetto D, Ravalico G.**
Scanning laser polarimetry of nerve fiber layer thickness in normal eyes after cataract phacoemulsification and foldable intraocular lens implantation.
J Cataract Refract Surg. 2005 May;31(5):1042-9.
PMID: 15975476 [PubMed - indexed for MEDLINE]
RET
- 175. Bakri SJ, Kaiser PK.**
Posterior subtenon triamcinolone acetate for refractory diabetic macular edema.
Am J Ophthalmol. 2005 Feb;139(2):290-4.
PMID: 15733990 [PubMed - indexed for MEDLINE]
RET
- 176. Tam WK, Chan H, Brown B, Yap M.**
Effects of different degrees of cataract on the multifocal electroretinogram.
Eye. 2004 Jul;18(7):691-6.
PMID: 14963482 [PubMed - indexed for MEDLINE]
RET
- 177. Hoh ST, Greenfield DS, Liebmann JM, Hillenkamp J, Ishikawa H, Mistlberger A, Lim AS, Ritch R.**
Effect of pupillary dilation on retinal nerve fiber layer thickness as measured by scanning laser polarimetry in eyes with and without cataract.
J Glaucoma. 1999 Jun;8(3):159-63.
PMID: 10376254 [PubMed - indexed for MEDLINE]
RET
- 178. Mwanza JC, Bhorade AM, Sekhon N, McSoley JJ, Feuer WJ, Budenz DI.**

Effect of cataract and its removal on signal strength and peripapillary retinal nerve fiber layer optical coherence tomography measurements. J Glaucoma. 2010 Feb22 [pub ahead of print]
RET