

BIBLIOGRAPHY

1. Shakir R. Medicine in the Arab World. In: *The Oxford Medical Companion*. Walton, Barondess & Lock (eds), Oxford University Press, 1994; 576-580.
2. Freeman RD and Scott EP. In: *Visual Impairment in Children and Adolescents*. Jan JE, Freeman RD, Scott EP (eds). Grune & Stratton, New York 1977.
3. Fuchs E. Egyptian Eye Disease, translated from Weiner Klinischen Wochenschrift No 23, Vienna 1924.
4. Miles M. Historical bibliography on educational and social responses to disabilities and childhood in some Middle East and South Asian countries; from antiquity to the 1950s. www.socsci.kun.nl. (Accessed 29 June 2004).
5. Samarrae K. [*A concise History of Arabic Medicine*]. Dar Al-Hurriya Publications 1984. (In Arabic).
6. Stone C. The Arab development of hospitals. *UR* 1983; 1: 27-31.
7. From The Land and History: The geography of Palestine. <http://www.palestine-info.co.uk>. Updated 31 January 2003, 17:53. (Accessed 15 March 2004).
8. Palestinian Return Centre Website. <http://www/prc.org.uk>. (Accessed 11 October 2003).
9. West Bank and Gaza Strip – Country Profile, Department of Foreign Affairs and International Trade, 2004. (Accessed 20 June 2004). www.dfait-maeci.gc.ca/middle_east/westbank_countryprofile-en.asp
10. Foreign & Commonwealth Office. Country Profiles. Middle East and North Africa. <http://www.fco.gov.uk/servlet/Front?pagename=OpenMarket/Xcelerate/ShowPage&c=Page&cid=1007029394365&content=3> (Accessed 23 July 2004).
11. Gilbert C, Foster A, Negrel AD, Thylefors B. Childhood blindness: a new form for recording causes of visual loss in children. *Bull World Health organ* 1993; 71: 485-9.

12. World Health Organization. WHO/PBL Eye Examination Record For Children With Blindness And Low Vision. Coding Instructions 1993.
13. Hill AG. The Palestinian population of the Middle East. *Population and Devolvement Review* 1983; **9**: 293-316.
14. Saunders CA. A study of the prevalence of handicapping conditions affecting children, and a case finding intervention in the refugee camp population of the Gaza Strip. In: *Health in the West Bank and Gaza Strip: an annotated bibliography*. Health Development Information Project 1992:59.
15. Central Bureau of Statistics and Natural Resources, Palestinian Liberation Organisation 1981; **3**: 58-137.
16. Palestinian Archives of Public Health. <http://hdip.org/healtharchives/healthserviceresearch/hsr1.htm1> (Accessed 5 June 2003).
17. United Nations Development Programme. <http://hdr.undp.org>.
18. Overseas Development Assistance Committee. <http://www.oecd.org/dac> (Accessed 17 November 2003).
19. Stern C. Consanguinity. In: *Principles of Human Genetics*. WH Freeman & Co. San Francisco, USA. 1973: 368-501.
20. Bear JC, Nemeck TF, Kennedy JC, Marshall WH, Power AA, Kolonel VM, Burke GB. Persistent genetic isolation on Outport /Newfoundland. *Am J Med Genet* 1987; **27**: 807-30.
21. Green JS, Johnson GJ. Hereditary diseases as causes of blindness in Newfoundland: preliminary report. *Can J Ophthalmol* 1983; **18**: 281-4.
22. Green JS, Bear JC, Johnson GJ. The burden of genetic eye disease. *Br J Ophthalmol* 1986; **70**: 696-9.
23. Merin S, Lapithis AG, Horovitz, Michaelson IC. Childhood blindness in Cyprus. *Am J Ophthalmol* 1972; **74**: 538-42.
24. Franschetti A. Commission of the International Association for the Prevention of Blindness 1935.
25. Saugstad LF. Inbreeding in Norway. *Ann Hum Genet* 1977; **40**: 481-91.

26. World Health Organization. Report of a WHO Advisory Group on Hereditary Diseases. Geneva, 3-5 October 1985. Unpublished WHO document HMG/AG/85.10.
27. Gilbert RE, Mulaik DD, Stephens FE, Woolf CM. An investigation of the frequency of consanguineous marriages among the Mormons and their relatives the United States. *Am J Hum Genet* 1956; **8**: 236-52.
28. Klat M, Halabi S, Khudr A, Der Katousian VM. Perception of consanguineous marriages and their genetic effects among a sample of couples from Beirut. *Am J Med Genet* 1986; **25**: 299-306.
29. Freundlich E, Hino N. Consanguineous marriage among rural Arabs in Israel. *Isr J Med Sci* 1984; **20**: 1035-8.
30. Zlotogora J, Shalev S, Habiballah H, Barjes S. Genetic disorders among Palestinian Arabs: 3. Autosomal recessive disorders in a single village. *Am J Med Genet* 2000; **92**: 343-5.
31. Zlotogora J, Habiballa H, Odatalla A, Barges S. Changing family structure in a modernizing society: a study of marriage patterns in a single Muslim village in Israel. *Am J Human Biol* 2002; **14**: 680-2.
32. Khoury SA, Massad D. Consanguineous marriage in Jordan. *Am J Med Genet* 1992; **43**: 769-75.
33. al-Salem M, Rawashdeh N. Pattern of childhood blindness and partial sight among Jordanians in two generations. *J Pediatr Ophthalmol Strabismus* 1992; **28**: 361-5.
34. Hamamy H, Alwan A. Hereditary disorders in the Eastern Mediterranean Region. *Bull World Health Organ* 1994; **72**: 145-54.
35. Gunaid AA, Hummad NA, Tamim KA. Consanguineous marriage in the capital city Sana'a, Yemen. *J Biosoc Sci* 2004; **36**: 111-21.
36. Hafez M, El-Tahan H, Awadalla M, El-Khayat H, Abdel-Gafar A, Ghoneim M. Consanguineous mating in the Egyptian population. *J Med Genet* 1983; **20**: 58-80.
37. Hakim A. Comments on "Consanguineous marriage in Pakistan". *Pak Dev Rev* 1994; **33**: 675-6.

38. el-Hazimi MA, al-Swailem AR, Warsey AS, Sulaimani R, al-Meshari AA. Consanguinity among the Saudi Arabian population. *J Med Genet* 1955; **32**: 623-6.
39. Sueyoshi S, Ohtsuka R. The effect of polygyny and consanguinity on high fertility in the rural Arab population in South Jordan. *J Biosoc Sci* 2003; **54**: 13-26.
40. Cohen T, Vardi-Saliternik R, Friedlander Y. Consanguinity, intra-community and intercommunity marriage in a population sample of Israeli Jews. *Ann Hum Biol* 2004; **31**: 38-48.
41. Bittles AH, Hussain R. An analysis of consanguineous marriage in the Muslim population of India at regional and state levels. *Ann Hum Biol* 2000; **27**: 163-71.
42. Darr A and Modell B. The frequency of consanguineous marriage amongst British Pakistanis. *J Med Genet* 1988; **25**: 186-90.
43. Rogers NK, Gilbert CE, Foster A, Zahidov BO, McCollum CJ. Childhood blindness in Uzbekistan. *Eye* 1999; **13**: 65-70.
44. Tirosh E, Schnitzer, MR, Atar S, Jaffe M. Severe visual deficits in infancy in Northern Israel: An epidemiological perspective. *J Pediatr Ophthalmol Strabismus* 1992; **29**: 366-9.
45. Miller SJH. Ten Years as Hospitalier. The Order of St John, 1990.
46. al-Gazali LI, Bener A, Abdulrazzaq YM, Micallef R, al-Khayat AI, Gaber T. Consanguineous marriages in the United Arab Emirates. *J Biosoc Sci* 1997; **29**: 491-7.
47. Lamdouar Bouazzaoui N. Consanguinity and public health in Morocco. *Bull Acad Natl Med* 1994; **178**: 1013-25.
48. Imaizumi Y, Shinozaki N, Aoki H. Inbreeding in Japan: results of a nation-wide study. *Jap J Human Genet* 1975; **20**: 91-107.
49. McKuzick VA. Human Genetics, Prentice Hall inc. New York, 1964; 36-7.
50. Chaleby K, Tuma TA. Cousin marriage and schizophrenia in Saudi Arabia. *Br J Psychiatry* 1987; **150**: 547-9.
51. Becker SM, Al Halees Z, Molina C, Paterson RM. Consanguinity and congenital heart disease in Saudi Arabia. *Am J Med Genet* 2001; **99**: 8-13.

52. Tchen P, Bois E, Feingold J, Feingold N, Kaplan J. Inbreeding in recessive diseases. *Hum Genet* 1977; **38**: 163-7.
53. Pedersen J. The influence of consanguineous marriage on infant and child mortality among Palestinians in the West Bank and Gaza, Jordan, Lebanon and Syria. *Community Genet* 2002; **5**: 178-81.
54. Khlaf M, Koury M. Inbreeding and disease: demographic, genetic and epidemiologic perspectives. *Epidemiol Rev* 1991; **13**: 28-41.
55. Tuncbilek E, Koc I. Consanguineous marriage in Turkey and its impact on fertility and mortality. *Ann Hum Genet* 1994; **58**: 321-9.
56. Raz AE, Atar M. Cousin marriage and premarital carrier matching in a Bedouin community in Israel: attitudes, service development and educational intervention. *J Fam Plann Reprod Health Care* 2004; **30**: 49-51.
57. Badr FM. Genetic studies of Egyptian Nubian Populations: I. Frequency and types of consanguineous marriages. *Hum Hered* 1972; **22**: 387-98.
58. Bochkov NP, Khaitov MN, Kuleshov NP, Anfalova T, Diachenko SS. [Medicogenetic study of isolates in Uzbekistan]. *Genetika* 1975; **11**: 90-9.
59. Castilla EE, Gomez MA, Lopez-Camelo JS, Paz JE. Frequency of first cousin marriage from civil marriage certificates in Argentina. *Hum Biol* 1991; **63**: 203-10.
60. Stoll C, Alembik Y, Dott B, Feingold J. Parental consanguinity as a cause of increased incidence of birth defects in a study of 131,760 consecutive birth. *Am J med Genet* 1994; **49**: 114-7.
61. Al-Husain M, al Bunyan M. Consanguineous marriages in Saudi Arabia and the effect of inbreeding on prenatal and postnatal mortality. *Ann Trop Paediatr* 1997; **17**: 155-60.
62. Underhill JFC. A Project Goes Forward. Reprinted from the *Review of the Order of St John* 1957.
63. Sorsby A. The incidence and causes of blindness: an international survey. *Br J Ophthalmol* (Monograph supplement XIV) 1950.
64. Prevention of blindness and priorities for the future. *Bull World Health Organ* 2001, **79**; 244-47.

65. Foster A, Gilbert C. Epidemiology of Childhood Blindness. *Eye* 1992; **6**: 173-6.
66. Johnson GJ, Green JS. Prevention of blindness due to genetic disease. *Can J Ophthalmol* 1987; **22**: 145-51.
67. Abdul Kader MM. Arab medical schools during the 12th and 13th centuries. <http://www.alchemywebsite.com/islam06.html> (Accessed 12 November 2003).
68. Sorsby A. The causes of blindness in England 1948-1950. A report to the Ministry of Health London HMSO, 1953.
69. Sorsby A. The causes of blindness in England and Wales. London HMSO, 1950.
70. Sorsby A. The incidence and causes of blindness in England and Wales 1948-1962. London HMSO, 1966.
71. Sorsby A. The incidence and causes of blindness in England and Wales 1963-68. London HMSO, 1972.
72. Colonial Office. Blindness in British African and Middle East Territories. London HMSO, 1948.
73. Russell TG, Russell TM. Medicine in Egypt at the time of Napoleon Bonaparte. *Br Med J* 2003; **327**: 1461-4.
74. World Health Organization. Report of the WHO meeting on childhood blindness. Geneva: *WHO/PBL* 1990; 90.19. (Unpublished documents).
75. Lewallen S, Courtright P. Blindness in Africa: present situation and future needs. *Br J Ophthalmol* 2001; **85**: 897-903.
76. Kocur I, Resnicoff S. Visual impairment and blindness in Europe and their presentation. *Br J Ophthalmol* 2002; **86**: 716-22.
77. Kello AB, Gilbert C. Causes of severe visual impairment and blindness in children in schools for the blind in Ethiopia. *Br J Ophthalmol* 2003; **87**: 526-30.
78. Minassian DC. Epidemiological research methods. In: Johnson JJ, Minassian DC, Weale R (eds) *The Epidemiology of Eye Disease*, Chapman & Hall 1998; 33-61.

79. Gilbert C. Childhood blindness. In: Johnson JJ, Minassian DC, Weale R (eds) *The Epidemiology of Eye Disease*, Chapman & Hall 1998; 181-207.
80. Rahi JS, Cable N. Severe visual impairment and blindness in children in the UK. *The Lancet* 2003; **362**: 1359-65.
81. Department of Health and Social Security. Statistical Bulletin 3/9/88. Causes of Blindness and Partial Sight Among Children Aged Under 16, Newly Registered as Blind and Partially Sighted Between April 1985 and March 1987. London, HMSO 1988.
82. Jay, B. Causes of blindness in schoolchildren. *Br Med J* 1987; **294**: 1183-4.
83. Department of Health and Social Security. Blindness and partial sight in England 1969-76 (DHSS reports on public health and medical subjects No. 129). London HMSO, 1979.
84. Chumbley LC, Thomson IM. Epidemiology of trachoma in the West Bank and Gaza Strip. *Eye* 1988; **2**: 463-70.
85. Thomson IM, Chumbley LC. Eye disease in the West Bank and Gaza Strip. *Br J Ophthalmol* 1984; **68**: 364-6.
86. Baghdassarian SA, Tabbara KT. Childhood blindness in the Lebanon. *Am J Ophthalmol* 1975; **79**: 827-30.
87. Badr IA, Qureshi IH. Causes of blindness in the Eastern Province blind schools. *Saudi Med J* 1983; **4**: 1066-72.
88. Tabbara KF, Badr IA. Changing pattern of childhood blindness in Saudi Arabia. *Br J Ophthalmol* 1985; **69**: 312-5.
89. Bryars JH, Archer DB. Aetiological survey of visually handicapped children in Northern Ireland: a national survey. *Trans. Ophthalmol Soc. UK* 1977; **97**: 26-9.
90. Fraser GR, Friedman AI. The causes of blindness in childhood. Johns Hopkins Press, Baltimore 1967.
91. Phillips CI, Levy AM, Newton M, Stokoe NL. Blindness in school children: importance of heredity, congenital cataract and prematurity. *Br J Ophthalmol* 1987; **71**: 578-84.

92. Tsukahara S, Sasamoto M, Watanabe I, Phillips CI. Diagnostic Survey at Yamanashi School for Blind: Importance of Heredity. *Jpn J Ophthalmol* 1985; **29**: 315-21.
93. Alagarthnam J, Sharma TK, Lim CS, Fleck BW. A survey of visual impairment in children attending the Royal Blind School, Edinburgh using WHO childhood visual impairment database. *Eye* 2002; **16**: 557-61.
94. Schwarz K, Yeung S, Symons N, Bradbury J. Survey of school children with visual impairment in Bradford. *Eye* 2002; **16**: 530-4.
95. Rosenberg T, Flage T, Hansen E, Riise R, Rudanko SL, Viggosson G, Tornqvist K. Incidence of registered visual impairment in the Nordic child population. *Br J Ophthalmol* 1996; **80**: 49-53.
96. Riise R, Flage T, Hansen E, Rosenberg T, Rudanko S-L, Viggosson G, Warburg M. Visual impairment in Nordic children. I. Nordic registers and prevalence data. *Acta Ophthalmol (Copenh)* 1992; **70**: 145-54.
97. Kocur I, Kuchymka P, Rodney S, Barakova D, Schwartz EC. Causes of severe visual impairment and blindness in children attending school for the handicapped in the Czech Republic. *Br J Ophthalmol* 2001; **85**: 1149-52.
98. Seroczynska M, Prost ME, Medron J, Lukasiak E, Oleksiak E. [The causes of childhood blindness and visual impairment in Poland]. *Klinika ocnna* 2001; **103**: 117-20.
99. Gilbert C, Foster A. Childhood blindness in the context of vision 2020 - the right to sight. *Bull World Health Organ* 2001; **79**: 227-32.
100. Czeizel A, Skirpeczky K, Mester E, Sankaranarayanan K. The load of genetic and partially genetic disease in man. IV. Severe visual handicaps and profound childhood deafness in Hungarian school-age children. *Mutat Res* 1992; **16**: 103-14.
101. McDonald AE. Causes of Blindness in Canada: an analysis of 24,605 cases registered with the Canadian national Institution for the Blind. *Can Med Assoc J* 1965; **92**: 264-79.
102. Fraser GR. The causes of severe visual handicap among school children in South Australia. *Med J Australia* 1968; **16**: 615-9.

103. Czeizel A, Torzs E, Diaz LG et al. An etiological study on 6 to 14 years old children with severe visual handicap in Hungary. *Acta Paediatr Hung* 1991; **31**: 365-77.
104. Steinkuller PG, Du L, Gilbert C, Foster A, Collins ML, Coats DK. Childhood blindness. *J AAPOS* 1999; **3**: 26-32.
105. Al-Gazali LI, Sztrihá L, Dawodu A, Bakir M, Varghese M, Varady M, Scorer J, Abdulrazzaq YM, Bener A, Padmanabhan R. Pattern of central nervous system anomalies in a population with a high rate of consanguineous marriages. *Clin Genet* 1999; **55**: 95-102.
106. Abdulrazzaq YM, Bener A, al-Gazali LI, al-Khayat AI, Micallef R, Gaber T. A study of possible deleterious effects of consanguinity. *Clin Genet* 1997; **51**: 167-73.
107. Bener A, Abdulrazzaq YM, al-Gazali LI, Micallef R, al-Khayat AI, Gaber T. Consanguinity and associated socio-economic demographic factors in the United Arab Emirates. *Hum Hered* 1996; **46**: 256-64.
108. Teebi AS. Autosomal recessive disorders among Arabs: an overview from Kuwait. *J Med Genet* 1994; **31**: 224-33.
109. Bener A, Rizk DE, Ezimokhai M, Hassan M, Micallef R, Sawaya M. Consanguinity and the age of menopause in the United Arab Emirates. *Int J Gynaecol Obstet* 1998; **60**: 155-60.
110. Zakzouk S. Consanguinity and hearing impairment in developing countries: a custom to be discouraged. *J Laryngol Otol* 2002; **116**: 811-6.
111. Czeizel E, Metneki J, Vitez M. [Prevalence of severe visual impairment in school-age children in Hungary]. *Orv Hetil* 1991; **132**: 2041-4.
112. Czeizel E, Torzs E, Kovac J, Szabo G, Vitez M, Garcia Diaz L. [Pathogenesis of severe vision deficiency in school-age children in Hungary]. *Orv Hetil* 1991; **132**: 1593-8.
113. Calderon R, Pena JA, Morales B, Guevara JL. Inbreeding patterns in the Basque Country (Alava Province, 1831-1980). *Hum Biol* 1993; **65**: 743-70.

114. al-Salem M, Rawashdeh N. Consanguinity in north Jordan: prevalence and pattern. *Biosoc Sci* 1993; **25**: 553-6.
115. Johnson JJ, Foster A. Prevalence, incidence and distribution of visual impairment. In: Johnson JJ, Minassian DC, Weale R (eds) *The Epidemiology of Eye Disease*. Chapman & Hall 1998: 7-30.
116. Hilgartner HL. Texas State School for the Blind: Causes of blindness in children. *Texas Medicine* 1967; **63**: 38-9.
117. Delaney JH. Causes of Blindness in School Children. *Pa Med J* 1962; **65**: 330-2.
118. Leonard R. Statistics on Vision Impairment: A Resource Manual. Lighthouse International 2002.
119. Moriarty BJ. Childhood blindness in Jamaica. *Br J Ophthalmol* 1988; **72**: 65-7.
120. Foster A. Childhood Blindness. *Eye* 1988; **2**: S27-36.
121. Gilbert CE, Canovas R, Kocksch de Canovas R, Foster A. Causes of blindness and severe visual impairment in children in Chile. *Dev Med Child Neurol* 1994, **36**: 326-33.
122. Gilbert C, Rahi J, Eckstein M, O'Sullivan J, Foster A. Retinopathy of prematurity in middle-income countries. *Lancet* 1997; **350**: 12-4.
123. Wilson J. Regional action. In: International Agency for the Prevention of Blindness (ed). *World Blindness and its Prevention*. Oxford University Press 1984; **2**: 35-36.
124. Olurin O. Etiology of blindness in Nigerian children. *Am J Ophthalmol* 1970; **70**: 533-40.
125. Chirambo MC, Benezra D. Causes of blindness among students in blind school institutions in a developing country. *Br J Ophthalmol* 1976; **60**: 655-68.
126. Foster A, Sommer A. Childhood blindness from corneal ulceration in Africa: causes, prevention and treatment. *Bull World Health Organ* 1986; **64**: 619-23.
127. Foster A, Johnson GJ. Measles, corneal ulcerations and childhood blindness: prevention and treatment. *Trop Doct* 1988; **18**: 74-8.
128. O'Sullivan J, Gilbert C, Foster A. The causes of childhood blindness in South Africa. *S Afr Med J* 1997; **87**:1691-5.

129. Foster A, Yosten D. Corneal ulceration in Tanzanian children: relationship between measles and vitamin A deficiency. *Trans Roy Soc Trop Med Hyg* 1992; **86**: 454-5.
130. Gilbert CE, Wood M, Waddell K, Foster A. Causes of childhood blindness in East Africa: results in 491 pupils attending 17 schools for the blind in Malawi, Kenya, and Uganda. *Ophthalmic Epidemiol* 1995; **2**: 77-84.
131. Waddell KM. Childhood blindness and low vision in Uganda. *Eye* 1998; **2**: 184-92.
132. Loewenthal R, Pe'er J. A prevalence survey of ophthalmic diseases among the Turkana tribe in northwest Kenya. *Br J Ophthalmol* 1990; **75**: 84-8.
133. Jaques J, Sauter M. Xerophthalmia and measles in Kenya. *Doc Ophthalmol* 1976; **42**: 1-235.
134. Foster A, Sommer A. Corneal ulceration, measles, and childhood blindness in Tanzania. *Br J Ophthalmol* 1987; **71**: 331-43.
135. Riise R, Flage T, Hansen E, Rosenberg T, Rudanko S-L, Viggosson G. Visual impairment in Nordic children. IV. Sex distribution. *Acta Ophthalmol (Copenh)* 1992; **70**: 605-9.
136. Rosenberg T, Flage T, Hansen E, Rudanko S-L, Viggosson G, Riise R. Visual impairment in Nordic children. II. Aetiological factors. *Acta Ophthalmol (Copenh)* 1992; **70**: 155-64.
137. Hansen E, Flage T, Rosenberg T, Rudanko S-L, Viggosson G, Riise R. Visual impairment in Nordic children. II. Diagnosis. *Acta Ophthalmol (Copenh)* 1992; **70**: 597-604.
138. Kagame K, Schwab L. Childhood blindness: dateline Africa. *Ophthalmic Surg* 1989; **20**: 128-31.
139. World Development Report 1993. The International Bank for Reconstruction and Development/The World Bank, Oxford, 1993; 62.
140. Sil AK, Gilbert C. Childhood blindness in India. *J Indian Med Assoc* 2001; **99**: 557-60.
141. Gilbert CE, Canovas R, Hogan M, Roa S, Foster A. Causes of childhood blindness: Results from West Africa, South India and Chile. *Eye* 1993; **7**: 184-8.

142. Rahi JS, Sripathi S, Gilbert CE, Foster A. Childhood blindness in India: causes in 1318 blind school students in 9 states. *Eye* 1995; **9**: 545-50.
143. Jain, VC, Prasad, BG. A socio-morbid study of blind school children. *Indian J Pediatr* 1968; **35**: 180-2.
144. Foster A. Childhood blindness in India and Sri Lanka. *Indian J Ophthalmol* 1996; **45**: 57-60.
145. Rahi JS, Sripathi S, Gilbert CE, Foster A. The importance of prenatal factors in childhood blindness in India. *Dev Med Child Neurol* 1997; **39**: 449-55.
146. Titiyal JS, Pal N, Murthy GV, Gupta SK, Tandon R, Vajpayee RB, Gilbert CE. Causes and temporal trends of blindness and severe visual impairment in children in schools for the blind in North India. *Br J Ophthalmol* 2003; **87**: 941-45.
147. Choudhury MI. Incidence and causes of blindness amongst the rural population. *Bangladesh Med Res Counc Bull* 1976; **2**: 71-4.
148. Hussain A, Kvale G, Ali K, Bhuyan AH. Determinants of night blindness in Bangladesh. *Int J Epidemiol* 1993; **22**: 1119-26.
149. Sommer A, Tarwotjo I, Susanto D, Soegiharto T. Incidence, prevalence and scale of blinding malnutrition. *Lancet* 1981; **1**: 1407-8.
150. Stoll BJ, Banu H, Kabir I, Molla A. Night blindness and vitamin A deficiency in children attending a diarrhoeal disease hospital in Bangladesh. *J Trop Pediatr* 1985; **31**: 36-9.
151. Khan MU, Haque E, Khan MR. Nutritional ocular disease and their association with diarrhoea in Matlab, Bangladesh. *Br J Nutr* 1984; **52**: 1-9.
152. Cohen N, Jalil MA, Rahman H, Leemhuis de Regt E, Sprague J, Mitra M. Blinding malnutrition in rural Bangladesh. *J Trop Pediatr* 1986; **32**: 777-8.
153. Queguiner P, Bouat C, Dulaurent L, Vitte S. The cataract in Bangladesh: epidemiology – treatment. *Rev Int Trach Pathol Ocul Trop Suintrop Sante Publique* 1989; **66**.

154. McLaren DS. The Epidemiology of vitamin A deficiency disorders. In: Johnson JJ, Minassian DC, Weale R (eds) *The Epidemiology of Eye Disease*. Chapman & Hall 1998: 209-25.
155. Sitorus R, Preising M, Lorenz B. Causes of blindness at the "Wiyata Guna" School for the Blind, Indonesia. *Br J Ophthalmol* 2003; **87**: 1065-68.
156. Kadarisman RS, Marsetio M, Simangunsong LB. Visual impairment and blindness in ocular toxoplasmosis cases. *Southeast Asian J Trop Med Public Health* 1991; **22**: S99-101.
157. Hennig A, Foster A, Shrestha SP, Pokhrel RP. Vitamin A deficiency and corneal ulceration in south-east Nepal: implications for preventing blindness in children. *Bull World Health Organ* 1991; **69**: 235-9.
158. Katz J, West KP Jn, Khattry SK, LeClerq SC, Padhan EK, Thapa MD, Ram Shrestha S, Taylor HR. Prevalence and risk factors for trachoma in Sarlahi district, Nepal. *Br J Ophthalmol* 1996; **80**: 0137-41.
159. Gilbert C, Foster A. Causes of blindness in children attending four schools for the blind in Thailand and the Philippines: a comparison between urban and rural blind school population. *Int Ophthalmol* 1993; **17**: 229-34.
160. Reddy SC, Tan BC. Causes of childhood blindness in Malaysia: results from a national study of blind school students. *Int. Ophthalmol* 2001; **24**: 53-9.
161. Hu DN. Prevalence and mode of inheritance of major genetic eye diseases in China. *J Med Genet* 1987; **24**: 584-8.
162. Shi Y, Xu Z. [Investigation on causes of blindness of children in seven blind schools in East China]. *Zhonghua Yan Ke Za Zhi* 2002; **38**: 747-9.
163. Hornby SJ, Xiao Y, Gilbert CE, Foster A, Wang X, Liang X, Jing J, Wang L, Min W, Shi Y, Li Y. Causes of childhood blindness in the People's Republic of China: results from 1131 blind school students in 18 provinces. *Br J Ophthalmol* 1999; **83**: 929-32.
164. Bulgan T, Gilbert CE. Prevalence and causes of severe visual impairment and blindness in children in Mongolia. *Ophthalmic Epidemiol* 2002; **9**: 271-81.

165. Bloem MW, Wedel M, Egger RJ, Speek AJ, Chusilp K, Soawakontha S, Schreurs WH. A prevalence study of vitamin A deficiency and xerophthalmia in northeastern Thailand. *Am J Epidemiol* 1989; **129**: 1095-103.
166. Nakajima A. Genetic eye diseases and blindness. *Acta Ophthalmol Soc Jpn* 1982; **86**: 1834-58.
167. Muñoz B, West SK B. Blindness and visual impairment in the Americas and the Caribbean. *Br J Ophthalmol* 2002; **86**: 498-504.
168. Richards FO Jr, Miri ES, Katarbarwa M, Eyamba A, Sauerbrey M, Zea-Flores G, Korva K, Mathai W, Homeida MA, Mueller I, Hilyer E, Hopkins DR. The Carter Centre's assistance to river blindness control programs: establishing treatment objectives and goals for monitoring ivermectin delivery system on two continents. *Am J Trop Med Hyg* 2001; **65**: 108-14.
169. Richards F, Klein RE, Gonzales-Peralta C, Flores RZ, Ramirez JC. Knowledge, attitudes and perceptions (KAP) of onchocerciasis: a survey among residents in an endemic area in Guatemala targeted for mass chemotherapy with ivermectin. *Soc Sci Med* 1991; **32**: 1275-81.
170. Rojas JR, Lavado L, Echegaray L. Childhood blindness in Peru. *Ann Ophthalmol* 1990; **22**: 423-5.
171. Gilbert C, Rahi J, Eckstein M, Foster A. Hereditary disease as a cause of childhood blindness: regional variation. *Ophthalmic Genetics* 1995; **16**: 1-10.
172. Badr IA. The scope of the cataract problem in the Middle East and the Mediterranean. *Int Ophthalmol* 1993; **17**: 155-60.
173. El-Gilany AH, El Fedawy S, Tharwat M. Causes of blindness and needs of the blind in Mansoura, Egypt. *East Mediterr Health J* 2002; **8**: 6-17.
174. United States Department of State, Bureau of Public Affairs. Jordan. *Backgr Notes Ser* 1988; 1-8.
175. Eckstein MB, Foster A, Gilbert CE. Causes of childhood blindness in Sri Lanka: results from 6 schools for the blind. *Br J Ophthalmol* 1995; **79**: 633-6.

176. Potter AR. Causes of blindness and visual handicap in the Central African Republic. *Br J Ophthalmol* 1991; **75**: 326-8.
177. Elder MJ, De Cock R. Childhood blindness in the West Bank and Gaza Strip: prevalence, aetiology and hereditary factors. *Eye* 1993; **7**: 580-3.
178. Haddadin A, Ereifej I, Zawaida F, Haddadin H. Visual impairment and blindness among the middle-aged and elderly in northern Jordan. *East Mediterr Health J* 2002; **8**: 404-8.
179. Evans J, Rooney C, Ashwood F, Dattani N, Wormald R. Blindness and partial sight in England and Wales- April 1990 – March 1991. *Health Trends* 1996; **28**: 5-12.
180. Gibson JM, Lavery JR, Rosenthal AR. Blindness and partial sight in an elderly population. *Br J Ophthalmol* 1986; **70**: 700-5.
181. International Agency for the Prevention of Blindness Website. <http://www.iapb.org/introduction.htm> (Accessed 12 June 2004).
182. Department of Health, Personal Social Services, CSSR Statistics. Registered Blind and Partially Sighted People Year ending 31 March 2003. ISBN: 1 84182 798, 3 December 2003. <http://www.dh.gov.uk/assestRoot/04/07/23/38/04072338.pdf>
183. Scottish Executive National Statistics Publications. Registered Blind and Partially Sighted, Scotland 2003. <http://www.scotland.gov.uk/stats/bulletins/00292.pdf> (Accessed 12 January 2004).
184. Gibson JM, Lavery JR, Rosenthal AR. Blindness and partial sight in an elderly population. *Br J Ophthalmol* 1986; **70**: 700-5.
185. Canavan YM, Jackson AJ, Stewart A. Visual impairment in Northern Ireland. *Ulster Med J* 1997; **66**: 92-5.
186. Evans J, Wormald R. Is incidence of registrable age-related macular degeneration increasing? *Br J Ophthalmol* 1996; **80**: 9-14.
187. Evans JR, Wormald RP. Epidemiological function of BD8 certification. *Eye* 1993; **7**: 172-9.
188. Ghafour IM, Allan D, Foulds WS. Common causes of blindness and visual handicap in the west of Scotland. *Br J Ophthalmol* 1983; **67**: 209-13.

189. Bamashmus MA, Matlhaga B, Dutton GN. Causes of blindness and visual impairment in the West of Scotland. *Eye* 2004; **18**: 257-61.
190. Munier A, Gunning T, Kenny D, O'Keefe M. Causes of blindness in the adult population of the Republic of Ireland. *Br J Ophthalmol* 1998; **82**: 630-33.
191. Defebvre MM, Juzeau D. Visually handicapped children and young adults in specialized schools in the French North department in 1995. *Arch Pediatr* 1999; **6**: 159-64.
192. Rohrschneider K, Greim S. [Epidemiology of blindness in Baden, Germany]. *Klin Monatsbl Augenheilkd* 2004; **221**: 116-21.
193. Trautner C, Haastert B, Richter B, Berger M, Giani G. Incidence of blindness in southern Germany due to glaucoma and degenerative conditions. *Invest Ophthalmol Vis Sci* 2003; **44**: 1031-34.
194. Graf M, Halbach E, Kaufman H. [Causes of blindness in Hessia in 1996]. *Klin Monatsbl Augenheilkd* 1999; **215**: 50-5.
195. Krumpaszky HG, Ludtke R, Mickler A, Klauss V, Selbmann HK. Blindness incidence in Germany. A population-based study from Wurttemberg-Hohenzollern. *Ophthalmologica* 1999; **213**: 176-82.
196. Krumpaszky HG, Haas A, Klauss V, Selbmann HK. New blindness incidents in Wurttemberg-Hohenzollern. *Ophthalmologe* 1997; **94**: 234-36.
197. Krumpaszky HG, Klauss V. [Cause of blindness in Bavaria. Evaluation of a representative sample from blindness compensation records of Upper Bavaria]. *Klin Monatsbl Augenheilkd* 1992; **200**: 142-6.
198. Schmidt U, Murken J, Klauss V. [Changes in the course of blindness in childhood]. *Klin Monatsbl Augenheilkd* 1998; **193**: 456-64.
199. Klaver CC, Wolfs RC, Vingerling JR, Hofman A, de Jong PT. Age-specific prevalence and causes of blindness and visual impairment in an older population: the Rotterdam study. *Arch Ophthalmol* 1998; **116**: 653-8.
200. Foster A, Gilbert C. Cataract in children. *Acta Paediatr* 2003; **92**: 1376-8.

201. Blohme J, Tornqvist K. Visually impaired Swedish children. The 1980 cohort study – aspects of mortality. *Acta Ophthalmol Scand* 2000; **78**: 560-5.
202. Blohme J, Bengtsson-Stigmar E, Tornqvist K. Visually impaired Swedish children. Longitudinal comparisons 1980-1999. *Acta Ophthalmol Scand* 2000; **78**: 416-20.
203. Blohme J, Tornqvist K. Visual impairment in Swedish children. III. Diagnosis. *Acta Ophthalmol Scand* 1997; **75**: 681-7.
204. Blomdahl S, Calissendorff BM, Tengroth B, Wallin O. Blindness in glaucoma patients. *Acta Ophthalmol Scand* 1997; **75**: 589-91.
205. Blohme J, Tornqvist K. Visual impairment in Swedish children. I. Register and prevalence data. *Acta Ophthalmol Scand* 1997; **75**: 194-8.
206. Al-Rufaie A. Arabic pioneers in the field of medicine 610-1258 AD. *Iraqi Med J* 2000; **3**: 27-37.
207. Icks A, Trautner C, Haastert B, Berger M, Giani G. Blindness due to diabetes: population-based and- and sex-specific incidence rates. *Diab Med* 1997; **14**: 571-5.
208. Krumpaszky HG. [Temporal trends in the Etiology of blindness]. *Klin Monatsbl Augenheilkd* 1997; **210**: aA9-16.
209. Haussler M, Bartels H, Straaburg HM. Multihandicapped blind and partially sighted in south Germany. II: Aetiology and pathogenesis. *Dev Med Child Neurol* 1996; **38**: 1076-90.
210. Haussler M, Schafer WD, Neugebauer H. Multihandicapped blind and partially sighted in south Germany. I: Prevalence, impairments and Ophthalmological findings. *Dev Med Child Neurol* 1996; **38**: 1068-75.
211. Editorial. Causes of severe visual impairment and their prevention. *Doc Ophthalmol* 1975; **39**: 213-341.
212. Hirvela H, Laatikainen L. Visual acuity in a population age 70 years or older; prevalence and causes of visual impairment. *Acta Ophthalmol Scand* 1995; **73**: 99-104.

213. Laatikainen L, Hirvela H. Prevalence and visual consequences of macular changes in a population aged 70 years and older. *Acta Ophthalmol Scand* 1995; **73**: 105-10.
214. Treu A, Bossi E, Korner F. [Epidemiological study of severe visual impairment in Swiss children with special reference to retrolental fibroplasias]. *Schweiz Med Wochenschr* 1987; **117**: 359-64.
215. Gerinec A, Chynoransky M, Smokova T. [Causes of blindness and low vision in children in Slovakia]. *Czek Oftalmol* 1990; **42**: 121-7.
216. Vassileva P, Gieser SC, Vitale S, Cholakova T, Katz J, West S. Blindness and visual impairment in western Bulgaria. *Ophthalmic Epidemiol* 1996; **3**: 143-9.
217. Chilova-Atanassova B, Hristov B, Hristeva S, Andeeve A, Dzheneva M, Gyuleva G, Pekova D, georgieva E, Balian A, Konareva M, et al. Blindness in different types of eye disease. A study on the records of the Department of Eye Diseases in the Medical University, Plovdiv for the period 1982-1991. *Folia Med (Plovdiv)* 1994; **36**: 35-40.
218. Buch H, Vinding T, La Cour M, Nielson NV. The prevalence and causes of bilateral and unilateral blindness in an elderly urban Danish population. The Copenhagen City Eye Study. *Acta Ophthalmol Scand* 2001; **79**: 441-9.
219. Rosenberg T, Klie F. The incidence of registered blindness caused by age-related macular degeneration. *Acta Ophthalmol Scand* 1996; **74**: 399-402.
220. Rosenberg T, Klie F. Current trends in newly registered blindness in Denmark. *Acta Ophthalmol Scand* 1996; **74**: 395-8.
221. Rabiou MM. Cataract blindness and barriers to uptake of cataract surgery in a rural community of northern Nigeria. *Br J Ophthalmol* 2001; **85**: 776-80.
222. Rosenberg T. Visual impairment in Danish children 1985. *Acta Ophthalmol (Copenh)* 1987; **65**: 110-7.
223. Schappert-Kimmijser J. Causes of severe visual impairment in children and their prevention. *Doc Ophthalmol* 1975; **39**: 213-64.

224. De Carlo DK, Mowakowski R. Causes of visual impairment amongst students at the Alabama school for the blind. *J Am Optom Assoc* 1999; **70**: 647-52.
225. Department of Health and Social Security. *Statistical Bulletin 5/86*. Causes of Blindness and Partial Sight Among Children Aged Under 16, Newly Registered as Blind and Partially Sighted Between 1976 and 1985.
226. Foster A, Gilbert C, Rahi J. Epidemiology of cataract in childhood: a global perspective. *J cataract Refract Surg* 1997; **23**: S601-4.
227. Johnson GJ, Minassian DC. Prevalence of blindness and eye disease: discussion paper. *J Roy Soc Med* 1989; **82**: 351-4.
228. Weale R. Introduction. In: Johnson JJ, Minassian DC, Weale R (eds) *The Epidemiology of Eye Disease*. Chapman & Hall 1998; 1-30.
229. Thompson JR, Du LI, Rosenthal AR. Recent trends in the registration of blindness and partial sight in Leicestershire. *Br J Ophthalmol* 1989; **73**: 95-9.
230. Wilson MR, Mansour M, Ross-Degnan D, Moukouri F, Fobi G, Alemayehu W, Martone JF, Casey R, Bazargan M. Prevalence and causes of low vision and blindness in the extreme North Province of Cameroon, West Africa. *Ophthalmic Epidemiol* 1996; **3**: 23-33.
231. Gillespie F, Covelli B. Causes of blindness in a state school for the blind in Alabama. *J Med Assoc State Ala* 1963; **32**: 298-9.
232. Whitfield R Jr. Dealing with cataract blindness. Part III: Paramedical cataract surgery in Africa. *Ophthalmic Surg* 1987; **18**: 765-7.
233. Wilson MR, Mansour M, Atud AE, Casey R, Fobi G, Moukouri E, Alemayehu W, Martone JF, Ross-Degnan D. A population-based study of xerophthalmia in the extreme North Province of Cameroon, West Africa. *Arch Ophthalmol* 1996; **114**: 464-8.
234. Whitfield R Jr, Schwab L, Bakker NJ, Bisley GG, Ross-Degnan D. Cataract and corneal opacity are the main causes of blindness in the Samburu tribe of Kenya. *Ophthalmic Surg* 1983; **14**: 139-44.
235. Moussala M, Moukouri E, Tabe Tambi F. [Hospital study of the major causes of blindness in Western Cameroon]. *Rev Int Trach Pathol Ocul Trop Subtrop Sante Publique* 1992; **69**: 177-83.

236. Hameed TK, Hodge WG, Buhrmann R. An inventory of information on blindness and visual impairment in Canada. *Can J Ophthalmol* 2001; **36**: 175-85.
237. Robinson GC, Jan JE. Acquired ocular visual impairment in children, 1960-1989. *Am J Dis Child* 1993; **147**: 325-8.
238. Pearce WG. Causes of blindness in children: 1046 cases registered with the Canadian National Institute for the Blind 1970-1973. *Can J Ophthalmol* 1975; **10**: 469-72.
239. Tuo J, Bojanowski CM, Chan CC. Genetic factors of age-related macular degeneration. *Prog Retin Eye Res* 2004; **23**: 229-49.
240. Singh V, West KP. Vitamin A deficiency and xerophthalmia among school-aged children in Southeast Asia. *Eur J Clin Nutr* 2004; **58**: 1342-9.
241. Semba RD, Bloem MW. Measles blindness. *Surv Ophthalmol* 2004; **49**: 243-55.
242. Ezegwui IR, Umeh RE, Ezepeue UF. Causes of childhood blindness: results from schools for the blind in south eastern Nigeria. *Br J Ophthalmol* 2003; **87**: 20-3.
243. Panda A, Kumar N, Koirala S. The need for a survey of childhood blindness in Nepal. *Trop Doct* 2003; **33**: 188-9.
244. Panda A, Thakur N. Re: Causes of blindness. *BJO Online*, 2003. <http://bjo.bmjournals.com/cgi/eletters/87/1/20#123>
245. Wolde-Gebriel Z, Gebru H, West CE. Causes of blindness in children in the blind schools of Ethiopia. *Trop Geogr Med* 1992; **44**: 135-41.
246. West S, Munoz B. Epidemiology of trachoma. In: Johnson JJ, Minassian DC, Weale R (eds) *The Epidemiology of Eye Disease*. Chapman & Hall 1998; 119-35.
247. Duke BOL. Onchocerciasis. In: Johnson JJ, Minassian DC, Weale R (eds) *The Epidemiology of Eye Disease*. Chapman & Hall 1998: 227-47.
248. Dolin P. The Epidemiology of cataract. In: Johnson JJ, Minassian DC, Weale R (eds) *The Epidemiology of Eye Disease*. Chapman & Hall 1998: 103-18.

249. Narita AS, Taylor HR. Blindness in the tropics. *Med J Aust* 1993; **159**: 416-20.
250. Thylefors B, Negrel AD, Pararajasegaram R. Epidemiologic aspects of global blindness prevention. *Curr Opin Ophthalmol* 1992; **3**: 824-34.
251. Kumaresan JA, Mecaskey JW. The global elimination of blinding trachoma: progress and promise. *Am J Trop Med Hyg* 2003; **69**: S24-28.
252. West SK. Blinding trachoma: prevention with the safe strategy. *Am J Trop Med Hyg* 2003; **69**: S18-23.
253. Whitcher JP, Srinivasan M, Upadhyay MP. Corneal blindness: a global perspective. *Bull World Health Organ* 2001; **79**: 214-21.
254. Wood ML. Preventable blindness in the east African elderly. *East Afr Med J* 1997; **74**: 639-41.
255. Rapoza PA, West SK, Katala SJ, Taylor HR. Prevalence and causes of vision loss in central Tanzania. *Int Ophthalmol* 1991; **15**: 123-9.
256. Rostkowski L, Szmyt J. [New method of campaigning against trachoma in Poland; shock action]. *Rev Int Trach* 1950; **27**: 161-5.
257. Fotouhi A, Hashemi H, Mohammad K, Jalali KH. The prevalence and causes of visual impairment in Tehran: the Tehran Eye Study. *Br J Ophthalmol* 2004; **88**: 740-5.
258. Hsu WM, Cheng CY, Liu JH, Tsai SY, Chou P. Prevalence and causes of visual impairment in an elderly Chinese population in Taiwan: the Shihpai Eye Study. *Ophthalmology* 2004; **111**: 62-9.
259. Dunzhu S, Wang FS, Courtright P, Liu L, Tenzing C, Noertjojo K, Wilkie A, Santangelo M, Bassett KL. Blindness and eye diseases in Tibet: findings from a randomised, population based survey. *Br J Ophthalmol* 2003; **87**: 1443-8.
260. Chen JH, Xu L, Hu AL, Sun BC, Li JJ, Ma K, Xia CR, Cui TT, Zheng YY, Li YB, Zhang RX, Yang H, Sun XY, Zou Y, Wang Y, Ma BR. [Prevalence of low vision and blindness in defined populations in rural and urban areas in Beijing]. *Zhonghua Yi Xue Za Zhi* 2003; **83**: 1413-8.

261. Keeffe JE, Konyama K, Taylor HR. Vision impairment in the Pacific region. *Br J Ophthalmol* 2002; **86**: 605-10.
262. Li N, Wang C, Wang C. [A survey and treatment of blindness in Gejiu City of Yunnan Province]. *Zhonghua Yan Ke Za Zhi* 2001; **37**: 218-21.
263. Michon JJ, Lau J, Chan WS, Ellwein LB. Prevalence of visual impairment, blindness, and cataract surgery in the Hong Kong elderly. *Br J Ophthalmol* 2002; **86**: 133-9.
264. Zhang SY, Zou LH, Gao YQ, Di Y, Wang XD. National epidemiological survey of blindness and low vision in China. *Chin Med J (Engl)* 1992; **105**: 603-8.
265. Song XJ. [An epidemiological survey of blindness and low vision in Hebei Province]. *Zhonghua Yan Ke Za Zhi* 1992; **28**: 105-7.
266. Hu TS, Lao YX. An epidemiologic survey of senile cataract in China. *Dev Ophthalmol* 1987; **15**: 42-51.
267. 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; **44**: 4639-43.
268. Dandona R, Dandona L. Corneal blindness in a southern Indian population: need for health promotion strategies. *Br J Ophthalmol* 2003; **87**: 133-41.
269. Nirmalan PK, Thulasiraj RD, Maneksha V, Rahmathullah R, Ramakrishnan R, Padmavathi A, Munoz SR, Ellwein LB. A population based eye survey of older adults in Tirunelveli district of south India: blindness, cataract surgery, and visual outcomes. *Br J Ophthalmol* 2002; **86**: 505-12.
270. Dandona R, Dandona L, Srinivas M, Giridhar P, Prasad MN, Vilas K, McCarty CA, Rao GN. Moderate visual impairment in India: the Andhra Pradesh Eye Disease Study. *Br J Ophthalmol* 2002; **86**: 373-7.
271. Murthy GV, Gupta S, Ellwein LB, Munoz SR, Bachani D, Dada VK. A population-based eye survey of older adults in a rural district of

- Rajasthan: I. Central vision impairment, blindness, and cataract surgery. *Ophthalmology* 2001; **108**: 679-85.
272. Saw SM, Husain R, Gazzard GM, Koh D, Widjaja D, Tan DT. Causes of low vision and blindness in rural Indonesia. *Br J Ophthalmol* 2003; **87**: 1075-8.
273. Dineen BP, Bourne RR, Ali SM, Huq DM, Johnson GJ. Prevalence and causes of blindness and visual impairment in Bangladeshi adults: results of the National Blindness and Low Vision Survey of Bangladesh. *Br J Ophthalmol* 2003; **87**: 820-8.
274. Pardhan S, Mahomed I. The clinical characteristics of Asian and Caucasian patients on Bradford's Low Vision Register. *Eye* 2002; **16**: 572-6.
275. Abou-Gareeb I, Lewallen S, Bassett K, Courtright P. Gender and blindness: a meta-analysis of population-based prevalence surveys. *Ophthalmic Epidemiol* 2001; **8**: 39-56.
276. Zainal M, Masran L, Ropilah AR. Blindness and visual impairment amongst rural Malays in Kuala Selangor, Selangor. *Med J Malaysia* 1998; **53**: 46-50.
277. Richards F, Hopkins D, Cupp E. Programmatic goals and approaches to onchocerciasis. *Lancet* 2000; **355**: 1663-64.
278. Pokharel GP, Regmi G, Shrestha SK, Negrel AD, Ellwein LB. Prevalence of blindness and cataract surgery in Nepal. *Br J Ophthalmol* 1998; **82**: 600-5.
279. See JL, Wong TY, Yeo KT. Trends in the pattern of blindness and major ocular diseases in Singapore and Asia. *Ann Acad Med Singapore* 1998; **27**: 540-46.
280. Lim KH. Singapore National Eye Centre, Singapore. Registration of new blindness in Singapore for 1985-1995. *Singapore Med J* 1998; **39**: 104-6.
281. Thomson I. A clinic based survey of blindness and eye disease in Cambodia. *Br J Ophthalmol* 1997; **81**: 578-80.
282. Jackson H, Foster A. Causes of blindness in northwest Cambodia. *Ophthalmic Epidemiol* 1997; **4**: 27-32.

283. Akinsola FB, Ajaiyeoba AI. Causes of low vision and blindness in children in a blind school in Lagos, Nigeria. *West Afr J Med* 2002; **21**: 63-5.
284. Jackson H. Bilateral blindness due to trauma in Cambodia. *Eye* 1996; **10**: 517-20.
285. Baasanhu J, Johnson GJ, Burendei G, Minassian DC. Prevalence and causes of blindness and visual impairment in Mongolia: a survey of populations aged 40 years and older. *Bull World Health Organ* 1994; **72**: 771-6.
286. Narita AS, Taylor HR. Blindness in the tropics. *Med J Aust* 1993; **159**: 416-20.
287. Rekhi GS, Kulshreshtha OP. Common causes of blindness: a pilot survey in Jaipur, Rajasthan. *Indian J Ophthalmol* 1991; **39**: 108-11.
288. Maruo T, Ikebukuro N, Kawanabe K, Kubota N. Changes in causes of visual handicaps in Tokyo. *Jpn J Ophthalmol* 1991; **35**: 268-72.
289. Verin P, Hoang TL, Do TN, Polak C. [Epidemiology of trachoma and vision disorders in central Viet Nam]. *Rev Int Trach Pathol Ocul Trop Subtrop Sante Publique* 1991; **68**: 107-13.
290. Khoo CY. Corneal blindness in Singapore and its prevention. *Ann Acad Med Singapore* 1989; **18**: 123-30.
291. Hyman L. Epidemiology of eye disease in the elderly. *Eye* 1987; **1**: 330-41.
292. Congdon N, O'Colmain B, Klaver CC, Klein R, Munoz B, Friedman DS, Kempen J, Taylor HR, Mitchell P; Eye Diseases Prevalence Research Group. Causes and prevalence of visual impairment among adults in the United States. *Arch Ophthalmol* 2004; **122**: 477-85.
293. Abdu L. Prevalence and causes of blindness and low vision in Dambatta local government area, Kano State, Nigeria. *Niger J Med* 2002; **11**: 108-12.
294. Moser CL, Martin-Baranera M, Vega F, Draper V, Gutierrez J, Mas J. Survey of blindness and visual impairment in Bioko, Equatorial Guinea. *Br J Ophthalmol* 2002; **86**: 257-60.

295. Lewallen S, Courtright P. Blindness in Africa: present situation and future needs. *Br J Ophthalmol* 2001; **85**: 897-903.
296. Negrel AD, Avognon Z, Minassian DC, Babagbeto M, Oussa G, Bassabi S. Blindness in Benin. *Med Trop (Mars)* 1995; **55**: 409-14.
297. Dolin PJ, Faal H, Johnson GJ, Ajewole J, Mohamed AA, Lee PS. Trachoma in The Gambia. *Br J Ophthalmol* 1998; **82**: 930-3.
298. Wood ML. Preventable blindness in the east African elderly. *East Afr Med J* 1997; **74**: 639-41.
299. Kaimbo wa Kaimbo D, Missotten L. Eye diseases and the causes of blindness in the southwestern Equator (equatorial forest) in Zaire, data from an eye camp in three rural centers. *Bull Soc Belge Ophtalmol* 1997; **265**: 59-65.
300. Fafowora OF. Prevalence of blindness in a rural ophthalmically underserved Nigerian community. *West Afr J Med* 1996; **15**: 228-31.
301. Kortlang C, Koster JC, Coulibaly S, Dubbeldam RP. Prevalence of blindness and visual impairment in the region of Segou, Mali. A baseline survey for a primary eye care programme. *Trop Med Int Health* 1996; **1**: 314-9.
302. Moll AC, van der Linden AJ, Hogeweg M, Schader WE, Hermans J, de Keizer RJ. Prevalence of blindness and low vision of people over 30 years in the Wenchi district, Ghana, in relation to eye care programmes. *Br J Ophthalmol* 1994; **78**: 275-9.
303. Nwosu SN. Blindness and visual impairment in Anambra State, Nigeria. *Trop Geogr Med* 1994; **46**: 346-9.
304. Cook CD, Knight SE, Crofton-Briggs I. Prevalence and causes of low vision and blindness in northern KwaZulu. *S Afr Med J* 1993; **83**: 590-3.
305. Tabe Tambi F. Causes of blindness in the western province of Cameroon. *Rev Int Trach Pathol Ocul Trop Subtrop Sante Publique* 1993; **70**: 185-97.
306. el Mouchtahide MA. [The causes of blindness in the 3rd region of Mali. Study of 101 clinical records]. *Rev Int Trach Pathol Ocul Trop Subtrop Sante Publique* 1991; **68**: 145-56.

307. Whitfield R, Schwab L, Ross-Degnan D, Steinkuller P, Swartwood J. Blindness and eye disease in Kenya: ocular status survey results from the Kenya Rural Blindness Prevention Project. *Br J Ophthalmol* 1990; **74**: 333-40.
308. Negrel AD, Masseur-Yako B, Botaka E, Minassian DC, Cuddy-Zitsamele R. Prevalence and causes of blindness in the Congo. *Bull World Health Organ* 1990; **68**: 237-43.
309. Kabo AM. [Prevalence of blindness in Niger]. *Rev Int Trach Pathol Ocul Trop Subtrop Sante Publique* 1989; 66: 55-62.
310. Balo K, Negrel DA. [Causes of blindness in Togo]. *Fr Ophthalmol* 1989; **12**: 291-5.
311. Sukwa TY, Mwandu DH, Ngalande TC, Siziya S, Mukunyandela M. Prevalence of blindness and visual impairment in the Luapula Valley, Zambia. *Trop Geogr Med* 1988; **40**: 237-40.
312. Kragha IK. Causes of blindness in northern Nigeria. *Am J Optom Physiol Opt* 1987; **64**: 708-10.
313. Foster A. Cataract blindness in Africa. *Ophthalmic Surg* 1987; 18: 384-8.
314. Kayembe L. Common causes of blindness in Zaire. *Br J Ophthalmol* 1985; **69**: 389-91.
315. Kayembe L. [Causes of blindness in Zaire]. *J Fr Ophthalmol* 1984; **7**: 393-8.
316. Stilma JS, Bridger S. Causes and prevalence of blindness in the Northern Province of Sierra Leone. *Doc Ophthalmol* 1983; **56**: 115-22.
317. Frenzel-Beyme RR. Visual impairment and incidence of blindness in Liberia and their relation to onchocerciasis. *Tropenmed Parasitol* 1975; **26**: 469-88.
318. Ayanru JO. Blindness in the Midwestern State of Nigeria. *Trop Geogr Med* 1974; **26**: 325-32.
319. Silva JC, Bateman JB, Contreras F. Eye disease and care in Latin America and the Caribbean. *Surv Ophthalmol* 2002; **47**: 267-74.
320. Mabey DC, Solomon AW, Foster A. Trachoma. *Lancet* 2003; **362**: 223-9.

321. Medina NH, Oliveira MB, Tobin S, Kiil G Jr, Mendoca MM, de Barros OM, Newland HS, da Costa WA. The prevalence of trachoma in preschool and school children in Olimpia, Guaraci and Cajobi, Sao Paulo, Brazil. *Trop Med Parasitol* 1992; **43**: 121-3.
322. Whitcher JP, Srinivasan M, Upadhyay MP. Prevention of corneal ulceration in the developing world. *Int Ophthalmol Clin* 2002; **42**: 71-7.
323. Gupta UC. Problem of visual impairment in children. *ICCW News Bull* 1992; **40**: 19-21.
324. Diamond J. Demography of the Arab World. Lecture. ST203, 21.10.02.
325. Phan MH, Nguyen PN, Reynolds JD. Incidence and severity of retinopathy of prematurity in Vietnam, a developing middle-income country. *J Pediatr Ophthalmol Strabismus* 2003; **40**: 208-12.
326. Dandona R, Dandona L. Childhood blindness in India: a population based perspective. *Br J Ophthalmol* 2003; **87**: 263-5.
327. Lin L, Liu Y, Ma G, Tan Z, Zhang X, Jiang J, Song X, Wang L, Zhang J, Wang H, Li M. [Survey on vitamin A deficiency in children under-6-years in China]. *Zhonghua Yu Fang Yi Xue Za Zhi* 2002; **36**: 315-9.
328. Rahi JS, Sripathi S, Gilbert CE, Foster A. Childhood blindness due to vitamin A deficiency in India: regional variations. *Arch Dis Child* 1995; **72**: 330-3.
329. Rosen DS, Sloan NL, del Rosario A, de la Paz TC. Risk factors for vitamin A deficiency in rural areas of the Philippines. *J Trop Pediatr* 1994; **40**: 82-7.
330. Prabripataloong A, Yospaiboon Y, Kittiponghansa S, Viwathanatepa M, Sangveejit J. Causes of blindness and restoration of sight for the students in the School for the Blind, Khon Kaen. *J Med Assoc Thai* 1989; **72**: 606-12.
331. Il'ina TG, Pisarevskii SL. [Hereditary diseases of the eye and their relative significance among the causes of blindness and diminished vision in the pupils of boarding schools for blind and amblyopic children in Uzbekistan]. *Oftalmol Zh* 1989; **5**: 294-6.

332. World Health Organization. Report of the First Meeting and the WHO Alliance for the Global Elimination of Trachoma – 1997. PBL/GET/97.1.
333. Menez B. [Main causes of child blindness in People Republic of Congo (author's transl)]. *Med Trop (Mars)* 1981; **41**: 527-30.
334. Tabbara KF, Ross-Degnan D. Blindness in Saudi Arabia. *JAMA* 1986; **255**: 3378-84.
335. al Faran MF, al-Rajhi AA, al-Omar OM, al-Ghamdi SA, Jabak M. Prevalence and causes of visual impairment and blindness in the south western region of Saudi Arabia. *Int Ophthalmol* 1993; **17**: 161-5.
336. Tabbara KF, al-Omar OM. Trachoma in Saudi Arabia. *Ophthalmic Epidemiol* 1997; **4**: 127-40.
337. al Faran MF. Low prevalence of trachoma in the south western part of Saudi Arabia, results of a population based study. *Int Ophthalmol* 1994-95; **18**: 379-82.
338. Chandra G. Trachoma in eastern province of Saudi Arabia. *Rev Int Trach Pathol Ocul Trop Subtrop Sante Publique* 1992; **69**: 118-32.
339. al Faran MF. Visual outcome and complications after cataract extraction in Saudi Arabia. *Br J Ophthalmol* 1990; **74**: 141-3.
340. al Faran MF, Ibechukwu BI. Causes of low vision and blindness in south western Saudi Arabia. A hospital-based study. *Int Ophthalmol* 1993; **17**: 243-47.
341. Ormerod LD, Dahan E, Hagele JE, Guzek JP. Serious occurrences in the natural history of advanced climatic keratopathy. *Ophthalmology* 1994; **101**: 448-53.
342. Hegab SM, Amin OM. Defective vision among Kuwaiti students. *J Pediatr Ophthalmol Strabismus* 1982; **19**: 146-51.
343. Khandekar R, Mohammed AJ, Negrel AD, Riyami AA. The prevalence and causes of blindness in the Sultanate of Oman: the Oman Eye Study (OES). *Br J Ophthalmol* 2002; **86**: 957-62.
344. Graz B. Trachoma: possibilities of prevention. A study in the Sultanate of Oman. *Eur J Ophthalmol* 1993; **3**: 127-31.

345. Rosen DS, al Sharif Z, Bashir M, al Shabooti A, Pizzarello LD. Vitamin A deficiency and xerophthalmia in western Yemen. *Eur J Clin Nutr* 1996; **50**: 54-7.
346. Richard-Lenoble D, al Qubati Y, Toe L, Pisella PJ, Gaxotte P, al Kohlani A. [Human onchocerciasis and "sowda" in the Republic of Yemen]. *Bull Acad Natl Med* 2001; **185**: 1447-59.
347. Kassir MS. [Ophthalmic pathology at a Lebanese clinic: the example of Sidon]. *Sante* 2000; **10**: 237-42.
348. Mansour AM, Kassak K, Chaya M, Hourani T, Sibai A, Alameddine MN. National survey of blindness and low vision in Lebanon. *Br J Ophthalmol* 1997; **81**: 905-6.
349. Al-Bdour MD, Al-Till MI, Abu-Khader IB. Causes of blindness among adult Jordanians: a hospital-based study. *Eur J Ophthalmol* 2002; **12**: 5-10.
350. Al-Amro SA, Al-Kharfi TM, Thabit AA, Al-Mofada SM. Retinopathy of prematurity at a University Hospital in Riyadh, Saudi Arabia. *Saudi Med J* 2003; **24**: 720-4.
351. Introduction to the Arab World. The League of Arab nations Website. <http://www.middleeastnews.com/intoarab101.html>
352. Dandona R, Dandona L. Refractive error blindness. *Bull World Health Organ* 2001; **79**: 237-43.
353. World Health Organization. WHO Regional Office for the East Mediterranean. Vision 2020 Regional Planning Workshop and Launching of Vision 2020 in Egypt, Cairo, Egypt, 14–17 December 2003. Press Release No. 23, 10 December 2003. WHO Website: <http://www.emro.who.int/pressreleases/2003/no23.htm>
354. Ezz al Arab G, Tawfik N, El Gendy R, Anwar W, Courtright P. The burden of trachoma in the rural Nile Delta of Egypt: a survey of Menofiya governorate. *Br J Ophthalmol* 2001; **85**: 1406-10.
355. Fouad D, Mousa A, Courtright P. Sociodemographic characteristics associated with blindness in a Nile Delta governorate of Egypt. *Br J Ophthalmol* 2004; **88**: 614-8.
356. Lane SD, Mikhail BI, Reizian A, Courtright P, Marx R, Dawson CR. Sociocultural aspects of blindness in an Egyptian delta hamlet:

- visual impairment vs. visual disability. *Med Anthropol* 1993; **15**: 245-60.
357. Bird M, Dawson CR, Schachter JS, Miao Y, Shama A, Osman A, Bassem A, Lietman TM. Does the diagnosis of trachoma adequately identify ocular chlamydial infection in trachoma-endemic areas? *J Infect Dis* 2003; **187**: 1669-73.
358. Barsoum IS, Mostafa MS, Shihab AA, el Alamy M, Habib MA, Colley DG. Prevalence of trachoma in school children and ophthalmological outpatients in rural Egypt. *Am J Trop Med Hyg* 1987; **36**: 97-101.
359. Curtale F, Tammam H, Hammoud ES, Aloï A. Prevalence of xerophthalmia among children in Beheira governorate, Egypt. *East Mediterr Health J* 1999; **5**: 984-91.
360. el-Arab AE, Khalil F, Hussein L. Vitamin A deficiency among pre-school children in a rural area of Egypt: the results of dietary assessment and biochemical assay. *Int J Food Sci Nutr* 2002; **53**: 465-74.
361. Resnikoff S, Filliard G, Carlier C, Luzeau R, Amedee-Manesme O. Assessment of vitamin A deficiency in the Republic of Djibouti. *Eur J Clin Nutr* 1992; **46**: 25-30.
362. Chassot P, Barry AK. [Campaign against hypovitaminosis in Mauritania]. *Rev Int Trach Pathol Ocul Trop Subtrop Sante Publique* 1989; **66**: 73-84.
363. De Groulard M, Le Bras J. [Nutritional disorders and primary health care. Analysis and strategic approach in the Mauritanian Adrar region]. *Med Trop (Mars)* 1991; **51**: 71-5.
364. Resnikoff S, Filliard G, Dell'Aquila B. [Corneal complications of climatic keratopathy]. *Rev Int Trach Pathol Ocul Trop Subtrop Sante Publique* 1990; **67**: 207-12.
365. World Health Organization. WHO Regional Office for the Eastern Mediterranean. Non-communicable disease control (including blindness prevention). <http://www.emro.who.int/sudan/CollaborativeProg-NCD.htm> (Accessed 12 August 2004)
366. Courtright P, Sheppard J, Schachter J, Said ME, Dawson CR. Trachoma and blindness in the Nile Delta: current patterns and

- projections for the future in the rural Egyptian population. *Br J Ophthalmol* 1989; **73**: 536-40.
367. Kawuma M. Eye diseases and blindness in Adjumani refugee settlement camps, Uganda. *East Afr Med J* 2000; **77**: 580-82.
368. Graf HP. [Eye surgery in Sudan]. *Klin Monatsbl Augenheilkd* 1990; **196**: 438-41.
369. Mukhtar MM, Khier MM, Baraka OZ, Homeida MM. The burden of *Onchocerca volvulus* in Sudan. *Ann Trop Med Parasitol* 1998; **92**: S129-31.
370. Tizazu T, Mburu FM. Prevalence and causes of vision loss in southern Sudan. *Soc Sci Med* 1983; **17**: 1785-8.
371. McMahon JE, Sowa SI, Maude GH, Hudson CM, Kirkwood BR. Epidemiological studies of onchocerciasis in savanna villages of Sierra Leone. *Trop Med Parasitol* 1988; **39**: 260-8.
372. Ibrahim AA. [Onchocerciasis in Sudan: epidemiological situation in the south-west]. *Med Trop (Mars)* 1987; **47**: 333-7.
373. Mackenzie CD, Williams JF, O'Day J, Ghalal I, Flockhart HA, Sisley BM. Onchocerciasis in southwestern Sudan: parasitological and clinical characteristics. *Am J Trop Med Hyg* 1987; **36**: 371-82.
374. Baker RH, Abdelnur OM. Onchocerciasis in Sudan: the distribution of the disease and its vectors. *Trop Med Parasitol* 1986; **37**: 341-55.
375. Bird AC, Anderson J, Fuglsang H. Morphology of posterior segment lesions of the eye in patients with onchocerciasis. *Br J Ophthalmol* 1976; **60**: 2-20.
376. el Sheikh H, Ghalib H, Hussein SM, Barbiero V, Mustafa MB, Williams JF. Onchocerciasis in Sudan: the Southern Darfur focus. *Trans R Soc Trop Med Hyg* 1986; **80**: 902-5.
377. Mustafa KY, Turunen U, Gumaa KA. Serum vitamin A levels of patients with onchocerciasis from two areas of the Sudan. *J Trop Med Hyg* 1979; **82**: 122-7.
378. Renz A, Wenk P, Anderson J, Fuglsang H. Studies on the dynamics of transmission of onchocerciasis in a Sudan-savanna area of North Cameroon V. What is a tolerable level of Annual Transmission Potential? *Ann Trop Med Parasitol* 1987; **81**: 263-74.

379. Picq JJ, Albert JP. [Sudan-savanna and rain-forest onchocerciasis in West Africa: an epidemiological problem]. *Rev Epidemiol Sante Publique* 1979; **27**: 483-98.
380. Hussain MA, Ahmed SM, el Sheikh EH. Xerophthalmia in mal-nourished Sudanese children. *Trop Doct* 1991; **21**: 139-41.
381. Nestel P, Herrera MG, el Amin A, Fawzi W, Mohammed KA, Weld L. Risk factors associated with xerophthalmia in northern Sudan. *J Nutr* 1993; **123**: 2115-21.
382. Pizzarello LD. Age specific xerophthalmia rates among displaced Ethiopians. *Arch Dis Child* 1986; **61**: 1100-3.
383. Salim AR, Sheikh HA. Trachoma in the Sudan. An epidemiological study. *Br J Ophthalmol* 1975; **59**: 600-4.
384. Mahmoud EA, Sheikh AH, Domeika MA, Mardh PA. Prevalence of trachoma among displaced persons in the Sudan: a clinical and sero-epidemiological study. *Eye* 1994; **8**: 130-3.
385. Encyclopaedia of the Orient Website, Sudan. <http://i-cias.com/cgi-bin/eo-direct.pl?omdurman.htm> (Accessed 25 August 2004).
386. Beiram MM. Blindness in the Sudan: prevalence and causes in Blue Nile Province. *Bull World Health Organ* 1971; **45**: 511-5.
387. World Health Organization. Water-related Diseases. Trachoma: The disease and how it affects people. http://www.who.int/water_sanitation_health/diseases/trachoma/en/print.html (Accessed 24 August 2004).
388. Dawson CR, Schachter J, Sallam S, Sheta A, Rubinstein RA, Washton H. A comparison of oral azithromycin with topical oxytetracycline/polymyxin for the treatment of trachoma in children. *Clin Infect Dis* 1997; **24**: 363-8.
389. Dawson CR, Schachter J. Strategies for treatment and control of blinding trachoma: cost-effectiveness of topical or systemic antibiotics. *Rev Infect Dis* 1985; **7**: 768-73.
390. Schachter J, Dawson CR. The epidemiology of trachoma predicts more blindness in the future. *Scand J Infect Dis* 1990; **69**: S55-62.

391. Taylor HR, Johnson SL, Schachter J, Caldwell HD, Prendergast RA. Pathogenesis of trachoma: the stimulus for inflammation. *J Immunol* 1987; **138**: 3023-7.
392. Courtright P, Sheppard J, Lane S, Sadek A, Schachter J, Dawson CR. Latrine ownership as a protective factor in inflammatory trachoma in Egypt. *Br J Ophthalmol* 1991; **75**: 322-5.
393. Asaka T, Manaka A, Sugiyama H. Recent developments in macrolide antimicrobial research. *Curr Top Med Chem* 2003; **3**: 961-89.
394. Tsukamoto Y, Cole LM, Casida JE. Avermectin chemistry and action: ester- and ether-type candidate photoaffinity probes. *Bioorg Med Chem* 2000; **8**: 19-26.
395. Sutherland IH, Campbell WC. Development, pharmacokinetics and mode of action of ivermectin. *Acta Leiden* 1990; **59**: 161-8.
396. Melese M, Chidambaram JD, Alemayehu W, Lee DC, Yi EH, Cevallos V, Zhou Z, Donnellan C, Saidel M, Whitcher JP, Gaynor BD, Lietman TM. Feasibility of eliminating ocular Chlamydia trachomatis with repeat mass antibiotic treatments. *JAMA* 2004; **292**: 721-5.
397. Tabbara KF. Trachoma: a review. *J Chemother* 2001; **13**: S18-S22.
398. Frick KD, Hanson CL, Jacobson GA. Global burden of trachoma and economics of the disease. *Am J Trop Med Hyg* 2003; **69**: 1-10.
399. Hoechsmann A, Metcalfe N, Kanjaloti S, Godia H, Mtambo O, Chipeta T, Barrows J, Witte C, Courtright P. Reduction of trachoma in the absence of antibiotic treatment: evidence from a population-based survey in Malawi. *Ophthalmic Epidemiol* 2001; **8**: 145-53.
400. Courtright P, Hoechsmann A, Metcalfe N, Chirambo M, Noertjojo K, Barrows J, Katz J, Hoeshcmann A; Chikwawa Survey Team. Changes in blindness prevalence over 16 years in Malawi: reduced prevalence but increased numbers of blind. *Br J Ophthalmol* 2003; **87**: 1079-82.
401. Jha H, Chaudary JS, Bhatta R, Miao Y, Osaki-Holm S, Gaynor B, Zegans M, Bird M, Yi E, Holbrook K, Whitcher JP, Lietman T.

- Disappearance of trachoma from Western Nepal. *Clin Infect Dis* 2002; **35**: 765-68.
402. Courtright P, Metcalfe N, Hoehsmann A, Chirambo M, Lewallen S, Barrows J, Witte C; Chikwawa Survey Team. Cataract surgical coverage and outcome of cataract surgery in a rural district in Malawi. *Can J Ophthalmol* 2004; **39**: 25-30.
403. Dolin PJ, Faal H, Johnson GJ, Minassian D, Sowa S, Day S, Ajewole J, Mohamed AA, Foster A. Reduction of trachoma in a sub-Saharan village in absence of a disease control programme. *Lancet* 1997; **349**: 1511-2.
404. Ballard RC, Fehler HG, Fotheringham P, Sutter EE, Treharne JD. Trachoma in South Africa. *Soc Sci Med* 1983; **17**: 1755-65.
405. Melese M, Alemayehu W, Gaynor B, Yi E, Whitcher JP, Lietman TM. What more is there to learn about trachoma? *Br J Ophthalmol* 2003; **87**: 521-2.
406. Lietman T, Fry A. Can we eliminate trachoma? *Br J Ophthalmol* 2001; **85**: 385-7.
407. Emerson PM, Bailey RL, Mahdi OS, Walraven GE, Lindsay SW. Transmission ecology of the fly *Musca sorbens*, a putative vector of trachoma. *Trans R Soc Trop Med Hyg* 2000; **94**: 28-32.
408. Schwab L, Whitfield R Jr, Ross-Degnan D, Steinkuller P, Swartwood J. The epidemiology of trachoma in rural Kenya. Variation in prevalence with lifestyle and environment. Study Survey Group. *Ophthalmology* 1995; **102**: 475-82.
409. Zhang H, Kandel RP, Sharma B, Dean D. Risk factors for recurrence of postoperative trichiasis: implications for trachoma blindness prevention. *Arch Ophthalmol* 2004; **122**: 511-6.
410. Mabey D, Fraser-Hurt N. Antibiotics for trachoma. *Cochrane Database Syst Rev* 2002; 1: CD001860.
411. Thylefors B, Negrel AD, Pararajasegaram R, Dadzie KY. Global data on blindness. *Bull World Health Organ* 1995; **73**: 115-21.
412. Ramalho RA, Flores H, Saunders C. [Hypovitaminosis A in Brazil: a public health problem]. *Rev Panam Salud Publica* 2002; **12**: 117-22.

413. Simmons WK. Xerophthalmia and blindness in Northeast Brazil. *Am J Clin Nutr* 1976; 29: 116-22.
414. Ndyomugenyi R. Onchocerciasis control in Uganda. *World Health Forum* 1998; 19: 192-5.
415. Melese M, Alemayehu W, Friedlander E, Courtright P. Indirect costs associated with accessing eye care services as a barrier to service use in Ethiopia. *Trop Med Int Health* 2004; 9: 426-31.
416. Alene GD, Abebe S. Prevalence of risk factors for trachoma in a rural locality of north-western Ethiopia. *East Afr Med J* 2000; 77: 308-12.
417. Saudi Embassy in the UK Website. <http://www.saudiembassy.org.uk/profile-of-saudia-arabia/health-and-social-services/health-care-network.htm> (Accessed 12 August 2004).
418. Mora JO, Gueri M, Mora OL. Vitamin A deficiency in Latin America and the Caribbean: an overview. *Rev Panam Salud Publica* 1998; 4: 178-86.
419. Sa MR, Maia-Herzog M. [Overseas disease: comparative studies of onchocerciasis in Latin America and Africa]. *Hist Cienc Saude Manguinhos* 2003; 10: 251-58.
420. Guderian RH, Shelley AJ. Onchocerciasis in Ecuador: the situation in 1989. *Mem Inst Oswaldo Cruz* 1992; 87: 405-15.
421. Paula JS, Medina NH, Cruz AA. Trachoma among the Yanomami Indians. *Braz J Med Biol Res* 2002; 35: 1153-7.
422. Vastine DW, Dawson CR, Daghfous T, Messadi M, Hoshiwara I, Yoneda C, Nataf R. Severe endemic trachoma in Tunisia. I. Effect of topical chemotherapy on conjunctivitis and ocular bacteria. *Br J Ophthalmol* 1974; 58: 833-42.
423. Dawson CR, Daghfous T, Messadi M, Hoshiwara I, Schachter J. Severe endemic trachoma in Tunisia. *Br J Ophthalmol* 1976; 60: 245-52.
424. Daghfous MT, Djerad A, Fakhfakh H, Bouzidi F, Ben Osman N. [Current epidemiologic profile of trachoma in Tunisia. Results of an evaluation of the program of prevention of blindness]. *Rev Int Trach Pathol Ocul Trop Subtrop Sante Publique* 1989; 66: 157-61.

425. Ayed S, Negrel AD, Nabli M, Kamel N, Jebri AM, Siddhom M. [Prevalence and causes of blindness in the Tunisian Republic. Results of a national survey conducted in 1993. Tunisian Team on the Evaluation of Blindness]. *Sante* 1998; **8**: 275-82.
426. Ayed S, Jeddi A, Daghfous F, Ben Osman N, Darghouth K. [Senile cataract and trachoma in Tunisia]. *Rev Int Trach Pathol Ocul Trop Subtrop Sante Publique* 1992; **69**: 139-46.
427. Daghfous MT, Ayed S, Daghfous F, Debbiche A, Kamoun M. [Corneal blindness in Tunisia: prevalence and causes]. *Rev Int Trach Pathol Ocul Trop Subtrop Sante Publique* 1990; **67**: 147-52.
428. Ayed S, Daghfous F, Guermazi K, Ben Osman N. [Causes of blindness in Tunisian children]. *Rev Int Trach Pathol Ocul Trop Subtrop Sante Publique* 1991; **68**: 123-8.
429. Corcos V, Besnainou R. [Eye complications caused by vitamin A deficiency in Tunisia]. *Tunis Med* 1955; **43**: 591-601.
430. Negrel AD, Chami Khazraji Y, Azelmat M. [Cataract-related blindness in Morocco. The Moroccan Group of Epidemiologic Evaluation of Blindness]. *Med Trop (Mars)* 1995; **55**: 421-4.
431. Emerson PM, Cairncross S, Bailey RL, Mabey DC. Review of the evidence base for the 'F' and 'E' components of the SAFE strategy for trachoma control. *Trop Med Int Health* 2000; **5**: 515-27.
432. Negrel AD, Khazraji YC, Akalay O. [Trachoma in the province of Ouarzazate, Morocco]. *Bull World Health Organ* 1992; **70**: 451-6.
433. Ferriman A. Blinding trachoma almost eliminated from Morocco. *Br Med J* 2001; **323**: 1387.
434. Chraïbi-Hasseïni K, Sabri F, Alouani A, Mortemousque B, Barac'h D, Verin P, Le Bras M. [Information and education interventions on hygiene levels of a population in which trachoma exists in a hyper-endemic and serious form]. *Rev Int Trach Pathol Ocul Trop Subtrop Sante Publique* 1997; **74**: 45-55.
435. Takourt B, Milad A, Radouani F, Boura H, Guinet R, Benslimane A. [Isolation of *Chlamydia trachomatis* in trachomatous Moroccan patients]. *J Fr Ophtalmol* 1996; **19**: 527-32.

436. Negrel AD, Chami-Khazraji Y, Arrache ML, Ottmani S, Mahjour J. [The quality of trichiasis surgery in the kingdom of Morocco]. *Sante* 2000; **10**: 81-92.
437. Maletnlema TN. Hunger and malnutrition: the determinant of development: the case for Africa and its food and nutrition workers. *East Afr Med J* 1992; **69**: 424-7.
438. Wood ML. Preventable blindness in the east African elderly. *East Afr Med J* 1997; **74**: 639-41.
439. Tielsch JM, West KP Jr, Katz J, Chirambo MC, Schwab L, Johnson GJ, Tizazu T, Swartwood J, Sommer A. Prevalence and severity of xerophthalmia in southern Malawi. *J Epidemiol* 1986; **124**: 561-8.
440. Chirambo MC, Tielsch JM, West KP Jr, Katz J, Tizazu T, Schwab L, Johnson G, Swartwood J, Taylor HR, Sommer A. Blindness and visual impairment in southern Malawi. *Bull World Health Organ* 1986; **64**: 567-72.
441. Kingdom of Tonga Website. <http://www.taufonua.com/> (Accessed 15 Augst 2004).
442. Newland HS, Woodward AJ, Taumoepeau LA, Karunaratne NS, Duguid IG. Epidemiology of blindness and visual impairment in the kingdom of Tonga. *Br J Ophthalmol* 1994; **78**: 344-8.
443. Kluxen G. [Vision 2020: 100 years of river blindness research]. *Klin Monatsbl Augenheilkd* 2002; **219**: 149-55.
444. Whitworth JA, Gilbert CE, Mabey DM, Morgan D, Foster A. Visual loss in an onchocerciasis endemic community in Sierra Leone. *Br J Ophthalmol* 1993; **77**: 30-2.
445. Bucher PJ, Ijsselmuiden CB. Prevalence and causes of blindness in the northern Transvaal. *Br J Ophthalmol* 1988; **72**: 721-6.
446. Murdoch IE, Jones BR, Cousens S, Liman I, Babalola OE, Dauda J, Abiose A. Visual field constriction as a cause of blindness or visual impairment. *Bull World Health Organ* 1997; **75**: 141-46.
447. Benezra D, Chirambo MC. Incidence and causes of blindness among the under 5 age group in Malawi. *Br J Ophthalmol* 1977; **61**: 154-7.

448. Thulasiraj RD, Nirmalan PK, Ramakrishnan R, Krishnadas R, Manimekalai TK, Baburajan NP, Katz J, Tielsch JM, Robin AL. Blindness and vision impairment in a rural south Indian population: the Aravind Comprehensive Eye Survey. *Ophthalmology* 2003; **110**: 1491-8.
449. Negrel AD, Minassian DC, Sayek F. Blindness and low vision in southeast Turkey. *Ophthalmic Epidemiol* 1996; **3**: 127-34.
450. Fotouhi A, Hashemi H, Mohammad K, Jalali KH; Tehran Eye Study. The prevalence and causes of visual impairment in Tehran: the Tehran Eye Study. *Br J Ophthalmol* 2004; **88**: 740-5.
451. Ho T, Law NM, Goh LG, Yoong T. Eye diseases in the elderly in Singapore. *Singapore Med J* 1997; **38**: 149-55.
452. Newland HS, Harris MF, Walland M, McKnight D, Galbraith JE, Iwasaki W, Momomura K. Epidemiology of blindness and visual impairment in Vanuatu. *Bull World Health Organ* 1992; **70**: 369-72.
453. Brilliant LB, Pokhrel RP, Grasset NC, Lepkowski JM, Kolstad A, Hawks W, Pararajasegaram R, Brilliant GE, Gilbert S, Shrestha SR, et al. Epidemiology of blindness in Nepal. *Bull World Health Organ* 1985; **63**: 375-86.
454. Newland HS, Hiller JE, Casson RJ, Obermeder S. Prevalence and causes of blindness in the South Australian population aged 50 and over. *Ophthalmic Epidemiol* 1996; **3**: 97-107.
455. Attebo K, Mitchell P, Smith W. Visual acuity and the causes of visual loss in Australia. The Blue Mountains Eye Study. *Ophthalmology* 1996; **103**: 357-64.
456. Stocks NP, Hiller JE, Newland H. Visual acuity in an Australian aboriginal population. *Aust N Z J Ophthalmol* 1997; **25**: 125-31.
457. Reference Channel. Allrefer.com Website. Blue Mountains, Australia, Australian And New Zealand Physical Geography. <http://reference.allrefer.com/encyclopedia/B/BlueMtnsAus.html> (Accessed 12 September 2004).
458. Bunce C, Evans J, Fraser S, Wormald R. BD8 certification of visually impaired people. *Br J Ophthalmol* 1998; **82**: 72-6.

459. Rosenberg T. Prevalence and causes of blindness in Greenland. *Arctic Med Res* 1987; **46**: 13-7.
460. Quigley HA. Number of people with glaucoma worldwide. *Br J Ophthalmol* 1996; **80**: 389-93.
461. Ponte F, Giuffre G, Giammanco R. Prevalence and causes of blindness and low vision in the Casteldaccia Eye Study. *Graefes Arch Clin Exp Ophthalmol* 1994; **232**: 469-72.
462. Nicolosi A, Marighi PE, Rizzardi P, Osella A, Miglior S. Prevalence and causes of visual impairment in Italy. *Int J Epidemiol* 1994; **23**: 359-64.
463. Rosenberg T. Congenital and hereditary visual impairment in Greenland. *Arctic Med Res* 1994; **53**: 91-6.
464. Cedrone C, Culasso F, Cesareo M, Nucci C, Palma S, Mancino R, Cerulli L. Incidence of blindness and low vision in a sample population: the Priverno Eye Study, Italy. *Ophthalmology* 2003; **110**: 584-8.
465. Rosenberg T. Prevalence of blindness caused by senile macular degeneration in Greenland. *Arctic Med Res* 1987; **46**: 64-70.
466. Editorial. Causes of severe visual impairment in children and their prevention. *Doc Ophthalmol* 1975; **39**: 213-341.
467. Blomdahl S, Calissendorff BM, Tengroth B, Wallin O. Blindness in glaucoma patients. *Acta Ophthalmol Scand* 1997; **75**: 589-91.
468. Riise R. Nordic registers of visually impaired children. *Scand J Soc Med* 1993; **21**: 66-8.
469. Buch H, Vinding T, La Cour M, Appleyard M, Jensen GB, Nielsen NV. Prevalence and causes of visual impairment and blindness among 9980 Scandinavian adults: the Copenhagen City Eye Study. *Ophthalmology* 2004; **111**: 53-61.
470. Blohme J, Tornqvist K. Visually impaired Swedish children. The 1980 cohort study - a 19-year ophthalmological follow-up. *Acta Ophthalmol Scand* 2000; **78**: 553-9.
471. Fuchs J, Nissen KR, Goldschmidt E. Glaucoma blindness in Denmark. *Acta Ophthalmol (Copenh)* 1992; **70**: 73-8.

472. Cheraskin E. Macular degeneration: how big is the problem? *J Natl Med Assoc* 1992; **84**: 873-6.
473. Leibowitz HM, Krueger DE, Maunder LR, Milton RC, Kini MM, Kahn HA, Nickerson RJ, Pool J, Colton TL, Ganley JP, Loewenstein JI, Dawber TR. The Framingham Eye Study monograph: An ophthalmological and epidemiological study of cataract, glaucoma, diabetic retinopathy, macular degeneration, and visual acuity in a general population of 2631 adults, 1973-1975. *Surv Ophthalmol* 1980; **24**: 335-610.
474. Tielsch JM, Sommer A, Witt K, Katz J, Royall RM. Blindness and visual impairment in an American urban population. The Baltimore Eye Survey. *Arch Ophthalmol* 1990; **108**: 286-90.
475. Dana MR, Tielsch JM, Enger C, Joyce E, Santoli JM, Taylor HR. Visual impairment in a rural Appalachian community. Prevalence and causes. *JAMA* 1990; **264**: 2400-5.
476. Munoz B, West SK, Rubin GS, Schein OD, Quigley HA, Bressler SB, Bandeen-Roche K. Causes of blindness and visual impairment in a population of older Americans: The Salisbury Eye Evaluation Study. *Arch Ophthalmol* 2000; **118**: 819-25.
477. Tielsch JM, Sommer A, Katz J, Quigley H, Ezrine S. Socioeconomic status and visual impairment among urban Americans. Baltimore Eye Survey Research Group. *Arch Ophthalmol* 1991; **109**: 637-41.
478. Sommer A, Tielsch JM, Katz J, Quigley HA, Gottsch JD, Javitt JC, Martone JF, Royall RM, Witt KA, Ezrine S. Racial differences in the cause-specific prevalence of blindness in east Baltimore. *N Engl J Med* 1991; **325**: 1412-7.
479. Kini MM, Leibowitz HM, Colton T, Nickerson RJ, Ganley J, Dawber TR. Prevalence of senile cataract, diabetic retinopathy, senile macular degeneration, and open-angle glaucoma in the Framingham eye study. *Am J Ophthalmol* 1978; **85**: 28-34.
480. Kahn HA, Leibowitz HM, Ganley JP, Kini MM, Colton T, Nickerson RS, Dawber TR. The Framingham Eye Study. I. Outline and major prevalence findings. *Am J Epidemiol* 1977; **106**: 17-32.

481. Klein R, Klein BE, Linton KL, De Mets DL. The Beaver Dam Eye Study: visual acuity. *Ophthalmology* 1991; **98**: 1310-5.
482. Framingham Heart Study, 1948.
<http://www.nhlbi.nih.gov/about/framingham/design.htm>.
483. World Health Organization. Blindness: Vision 2020 - The Global Initiative for the Elimination of Avoidable Blindness. Fact sheet No.213, revised February 2000. <http://www.who.int/mediacentre/factsheets/fs213/en/> (Accessed 25 August 2004).
484. World Health Organization. Blindness: Vision 2020 - control of major blinding diseases and disorders. The Global Initiative for the Elimination of Avoidable Blindness. Fact sheet No. 214, reviewed February 2000. <http://www.who.int/mediacentre/factsheets/fs214/en/> (Accessed 25 August 2004).
485. Blindness: Vision 2020 - human resource development. Global Initiative for the Elimination of Avoidable Blindness. Fact sheet No.215, reviewed February 2000. <http://www.who.int/mediacentre/factsheets/fs215/en/> (Accessed 25 August 2004).
486. Blindness: Vision 2020 - infrastructure and appropriate technology. The Global Initiative for the Elimination of Avoidable Blindness. Fact sheet No.216, reviewed February 2000. <http://www.who.int/mediacentre/factsheets/fs216/en/> (Accessed 25 August 2004).
487. Tabbara KF. Blindness in the eastern Mediterranean countries. *Br J Ophthalmol* 2001; **85**: 771-5.
488. Homeida M, Braide E, Elhassan E, Amazigo UV, Liese B, Benton B, Noma M, Etya'ale D, Dadzie KY, Kale OO, Seketeli A. APOC's strategy of community-directed treatment with ivermectin (CDTI) and its potential for providing additional health services to the poorest populations. African Programme for Onchocerciasis Control. *Ann Trop Med Parasitol* 2002; **96**: S93-104.
489. Kmietowicz Z. Who steps up efforts against trachoma. *Br Med J* 1996; **313**: 1428.
490. Thylefors B, Negrel AD. Developments for a global approach to trachoma control. *Rev Int Trach Pathol Ocul Trop Subtrop Sante Publique* 1994; **71**: 63-7, 69-77.

491. Little MP, Basanez MG, Breitling LP, Boatman BA, Alley ES. Incidence of blindness during the Onchocerciasis control programme in western Africa, 1971-2002. *J Infect Dis* 2004; **189**: 1932-41.
492. Burnham G. Onchocerciasis. *Lancet* 1998; **351**: 1341-6.
493. Vivas-Martinez S, Basanez MG, Botto C, Villegas L, Garcia M, Curtis CF. Parasitological indicators of onchocerciasis relevant to ivermectin control programmes in the Amazonian focus of Southern Venezuela. *Parasitology* 2000; **121**: 527-34.
494. Okhuysen PC. Onchocerciasis in an expatriate living in Cameroon. *J Travel Med* 1997; **4**: 11-13.
495. Ochoa JO, Castro JC, Barrios VM, Juarez EL, Tada I. Successful control of onchocerciasis vectors in San Vicente Pacaya, Guatemala, 1984-1989. *Ann Trop Med Parasitol* 1997; **91**: 471-9.
496. Vieta F. River blindness. Protection for 54 cents a year. *UN Chron* 1998; **1**: 12-3.
497. Hougard JM, Yameogo L, Seketeli A, Boatman B, Dadzie KY. Twenty-two years of blackfly control in the onchocerciasis control programme in West Africa. *Parasitol Today* 1997; **13**: 425-31.
498. Molyneux DH, Davies JB. Onchocerciasis control: Moving towards the millennium. *Parasitol Today* 1997; **13**: 418-25.
499. Tielsch JM, Beeche A. Impact of ivermectin on illness and disability associated with onchocerciasis. *Trop Med Int Health* 2004; **9**: A45-56.
500. Calamari D, Crosa G. Long-term ecological assessment of West African rivers treated with insecticides: methodological considerations on quantitative analyses. *Toxicol Lett* 2003; **140-141**: 379-89.
501. Pitroipa X, Sankara D, Konan L, Sylla M, Doannio JM, Traore S. [Evaluation of cocoa oil for individual protection against *Simulium damnosum* s.i.]. *Med Trop (Mars)* 2002; **62**: 511-6.
502. Dadzie Y, Neira M, Hopkins D. Final report of the Conference on the eradicability of Onchocerciasis. *Filaria J* 2003; **2**: 2.
503. Editorial. River blindness: NGOs agree Africa strategy in Geneva. *Essent Drugs Monit* 1993; **16**: 4.

504. Hougard JM, Yameogo L, Philippon B. Onchocerciasis in West Africa after 2002: a challenge to take up. *Parasite* 2002; **9**: 105-11.
505. Benton B, Bump J, Seketeli A, Liese B. Partnership and promise: evolution of the African river-blindness campaigns. *Ann Trop Med Parasitol* 2002; **96**: S5-14.
506. Chovet M, Carlier C, Queguiner P, Mariko S. [Mass treatment of onchocerciasis in 1996]. *Med Trop (Mars)* 1995; **55**: 425-8.
507. Bissan Y, Doucoure K, Back C, Hougard JM, Agoua H, Guillet P, Konare M, Harding P, Musa J, Dumbuya F. [Onchocerciasis control program in West Africa: socioeconomic development and risk of recrudescence of transmission. 2. Experimental study of the transmission of *Onchocerca volvulus* strains from Southwestern Sierra Leone by *Simulium yahense* and *Simulium squamosum*]. *Ann Soc Belg Med Trop* 1994; **74**: 129-47.
508. Seketeli A, Guillet P, Coloussa B, Philippon B, Quillevere D, Samba EM. [National entomological teams of the western extension zone of the Onchocerciasis Control Program (OCP) in west Africa from 1986 to 1990]. *Bull World Health Organ* 1993; **71**: 737-53.
509. De Sole G, Remme J. Onchocerciasis infection in children born during 14 years of *Simulium* control in West Africa. *Trans R Soc Trop Med Hyg* 1991; **85**: 385-90.
510. Agoua H, Quillevere D, Back C, Poudiougou P, Guillet P, Zerbo DG, Henderickx JE, Seketeli A, Sowah S. [Evaluation of control measures against Simuliidae in the framework of the OCP (Onchocerciasis Control Program)]. *Ann Soc Belg Med Trop* 1991; **71**: S49-63.
511. Le Berre R, Walsh JF, Philippon B, Poudiougou P, Henderickx JE, Guillet P, Seketeli A, Quillevere D, Grunewald J, Cheke RA. The WHO Onchocerciasis Control Programme: retrospect and prospects. *Philos Trans R Soc Lond B Biol Sci* 1990; **328**: 721-7.
512. Quarcoopome CO. Onchocerciasis: a major social problem in West Africa. *Soc Sci Med* 1983; **17**: 1703-7.

513. Evans TG, Murray CJ. A critical re-examination of the economics of blindness prevention under the Onchocerciasis Control Programme. *Soc Sci Med* 1987; **25**: 241-9.
514. Dadzie KY, Remme J, Rolland A, Thylefors B. The effect of 7-8 years of vector control on the evolution of ocular onchocerciasis in West African savanna. *Trop Med Parasitol* 1986; **37**: 263-70.
515. Awan HR, Ihsan T. Prevalence of visual impairment and eye diseases in Afghan refugees in Pakistan. *East Mediterr Health J* 1998; **4**: 560-6.
516. Mecaskey JW, Ngirwamungu E, Kilima PM. Integration of trachoma control into primary health care: the Tanzanian experience. *Am J Trop Med Hyg* 2003; **69**: 29-32.
517. Schemann JF, Sacko D, Banou A, Bamani S, Bore B, Coulibaly S, el Mouchtahide MA. [Cartography of trachoma in Mali: results of a national survey]. *Bull World Health Organ* 1988; **76**: 599-606.
518. Schemann JF, Sacko D. [Strategies to control trachoma]. *Sante* 1998; **8**: 150-6.
519. Huguet P. [Trachoma in Niger (results of a sample survey in the department of Tahoua)]. *Rev Int Trach Pathol Ocul Trop Subtrop Sante Publique* 1989; **66**: 31-41.
520. Lazdins-Helds JK, Remme JHF, Boakye N. WHO Website. Research Results: Onchocerciasis. <http://www.who.int/tdr/dw/oncho2003.htm>. (Updated December 2003).
521. World Health Organization. Onchocerciasis and its control. Report of a WHO Expert Committee on Onchocerciasis Control. WHO Technical Report Series 852, Geneva (1995).
522. Winnen M, Plaisier AP, Alley ES, Nagelkerke NJD, van Oortmarsen G, Boatman BA, Habbema JDF. Can ivermectin mass treatments eliminate onchocerciasis in Africa? *Bull World Health Organ* 2002; **80**: 384-390.
523. Abiose A, Homeida M, Liese B, Molyneux D, Remme H. Onchocerciasis control strategies. *Lancet* 2000; **356**: 1523-4.
524. World Health Organization. Resolution of the Fifty-Sixth World Health Assembly WHA56.26, Agenda item 14.17 28, May 2003:

- Elimination of avoidable blindness. http://www.who.int/gb/ebwha/pdf_files/WHA56/ea56r26.pdf. (Accessed 12 September 2004).
525. World Health Organization. Vaccines, Immunization and Biologicals Website. Vitamin A. Prevalence Maps 2/7. Africa Region. <http://www.who.int/vaccines-diseases/en/vitamina/advocacy/adv06.shtml> (Accessed 12 September 2004).
526. World Health Organization. Vaccines, Immunization and Biologicals Website. Vitamin A. Prevalence Maps 3/7. The Americas Region. <http://www.who.int/vaccines-diseases/en/vitamina/advocacy/adv07.shtml> (Accessed 25 August 2004).
527. World Health Organization. Vaccines, Immunization and Biologicals Website. Vitamin A. Prevalence Maps 4/7. Eastern Mediterranean region. <http://www.who.int/vaccines-diseases/en/vitamina/advocacy/adv08.shtml> (Accessed 25 August 2004).
528. World Health Organization. Vaccines, Immunization and Biologicals Website. Vitamin A. Prevalence. Prevalence Maps 5/7. European Region. <http://www.who.int/vaccines-diseases/en/vitamina/advocacy/adv09.shtml> (Accessed 25 August 2004).
529. World Health Organization. Vaccines, Immunization and Biologicals Website. Vitamin A. Prevalence Maps 6/7. Southeast Asian Region. <http://www.who.int/vaccines-diseases/en/vitamina/advocacy/adv10.shtml> (Accessed 25 August 2004).
530. World Health Organization. Vaccines, Immunization and Biologicals Website. Vitamin A. Prevalence Maps 7/7. Southeast Asian Region. <http://www.who.int/vaccines-diseases/en/vitamina/advocacy/adv11.shtml> (Accessed 25 August 2004).
531. World Health Organization. WHO Website. Vaccines, Immunization and Biologicals Website. Vitamin A. <http://www.who.int/vaccines-diseases/en/vitamina/science/sci01.shtml> (Accessed 25 August 2004).
532. World Health Organization Website. Nutrition. Micronutrient deficiencies. Combating vitamin A deficiency. The challenge. www.who.int/nut/vad.htm (Updated 13/09/2004).
533. World Health Organization Website. Children and Vitamin A.

- <http://www.who.int/vaccines-diseases/en/vitamina/science/sci02.shtml> (Accessed 15 September 2004).
534. Fawzi WW, Chalmers TC, Herrera MG, Mosteller F. Vitamin A supplementation and child mortality: A meta-analysis. *JAMA* 1993; **269**: 898-903.
535. Humphrey JH, West KP Jr, Sommer A. Vitamin A deficiency and attributable mortality among under-5-year-olds. *Bull World Health Organ* 1992; **70**: 225-32.
536. Katz J, Khatry SK, West KP, Humphrey JH, Leclercq SC, Kimbrough E, Pokhrel PR, Sommer A. Night blindness is prevalent during pregnancy and lactation in rural Nepal. *J Nutr* 1995; **125**: 2122-7.
537. Alkanani S. Childhood blindness in Iraq. *J Fac Med Baghdad* 1990; **32**: 103-108.
538. Hosni FA. Survey of major blinding conditions in Qatar. *Ophthalmologica* 1977; **175**: 215-21.
539. Tabbara KF, El-Sheikh HF, Aabed B. Extended wear contact lens related bacterial keratitis. *Br J Ophthalmol* 2000; **84**: 327-8.
540. Khandekar R, Al Awaidy S, Ganesh A, Bawikar S. An epidemiological and clinical study of ocular manifestations of congenital rubella syndrome in Omani children. *Arch Ophthalmol* 2004; **122**: 541-5.
541. Muzaffar W, Khan MD, Akbar MK, Malik AM, Durrani OM. Mine blast injuries: ocular and social aspects. *Br J Ophthalmol* 2000; **84**: 626-30.
542. Hill K, Pande R, Mahy M, Jones. Trends in child mortality in the developing world: 1960 to 1996. Unicef Statistics. (KH-98.1). Unicef Statistics Databases. <http://www.childinfo.org/cmr/kh98meth.html> (Accessed 25 August 2004).
543. United Nations. The Human Development Report 2004 Website. http://hdr.undp.org/statistics/data/index_countries.cfm (Accessed 25 August 2004).
544. Pillgram-Larsen J, Mellesmo S, Peck R. [Injuries from mines]. *Tidsskr Nor Laegeforen* 1992; **112**: 2183-7.

545. Khan MD, Kundi N, Mohammed Z, Nazeer AF. A 6 1/2-years survey of intraocular and intraorbital foreign bodies in the North-west Frontier Province, Pakistan. *Br J Ophthalmol* 1987; 71: 716-9.
546. Kugoeva EE, Aslanova AF, Kulieva ZT. [Characteristics of the clinical picture of combined injuries of the organ of vision and eye appendages under conditions of peace-time and war injuries]. *Vestn Oftalmol* 2002; 118: 11-3.
547. Memon MS. Prevalence and causes of blindness in Pakistan. *J Pakistan Med Assoc* 1992; 42: 196-8.
548. Sethi S, Khan MD. Survey of Blind Schools in North West Frontier Province (An Institutional Based Study). *Pakistan J Ophthalmol* 2001; 17: 90-6.
549. Afghani T. Causes of Childhood Blindness and Severe Visual Impairment - Survey of the Blind Children from a Rural Population and Schools for the Blind in an Urban Area. *Pakistan J Ophthalmol* 2000; 16: 4-25.
550. Wajid SA, Khan MD. Causes of Irreversible Blindness. *J Coll Physicians Surg Pak* 2001; 11: 561-5.
551. Qureshi MB, Khan MD, Khan MA. Current Status of Trachoma in Pakistan. *Pakistan J Ophthalmol* 1998; 14: 165-71.
552. Butt NH. Childhood Blindness - Aetiological Pattern and Hereditary Factors. *Pakistan J Ophthalmol* 2002; 18: 92-4.
553. Sethi S, Sethi MJ, Khan MD. Retinopathy of prematurity – an important cause of childhood blindness. *J Postgrad Med Inst* 2003; 17: 143-7.
554. Al-Kubaisy W, Al-Rubaiy MG, Nassief HA. Xerophthalmia among hospitalized Iraqi children. *East Mediterr Health J* 2002; 8: 496. www.emro.who.int/publications/emhj/0804_5/Xerophthalmia.htm
555. Banatvala JE, Brown DW. Rubella. *Lancet* 2004; 363: 1127-37.
556. Yaqubi GH, Anani GR. Prevalence of trachoma in chronic conjunctivitis, Birjand Islamic Republic of Iran. *East Mediterr Health J* 2002; 8: 350-3.
557. Zainal M, Ismail SM, Ropilah AR, Elias H, Arumugam G, Alias D, Fathilah J, Lim TO, Ding LM, Goh PP. Prevalence of blindness and

- low vision in Malaysian population: results from the National Eye Survey 1996. *Br J Ophthalmol* 2002; **86**: 951-6.
558. World Health Organization. Regional Office for the Eastern Mediterranean. The WHO collaborative programme. Noncommunicable Diseases including blindness and deafness. Situation analysis. <http://www.emro.who.int/jordan/CollaborativeProg-NCD.HTM> (Accessed 29 August 2004).
559. World Health Organization. Regional Office for the Eastern. Non-Communicable Diseases. EMAN (Eastern Mediterranean Approach to Non-Communicable Diseases). Oman. Diabetic Control Programme, Situation Analysis. <http://www.emro.who.int/ncd/eman-oman-background.htm> (Accessed 29 August 2004).
560. Penna EP, Tabbara KF. Oxybuprocaine keratopathy: a preventable disease. *Br J Ophthalmol* 1986; **70**: 202-4.
561. Tabbara KF. Kermes-induced cicatrization of the conjunctiva. *Ann Saudi Med* 1986; **6**: 233-6.
562. Tabbara KF. Cautery, folk remedies, and magic (editorial). *Ann Saudi Med* 1989; **9**: 433-4.
563. Maaita JF, Sunna LF, Al-Madani MV, Horrani SM. Eye diseases in children in Southern Jordan. *Saudi Med J* 2003; **24**: 154-6.
564. Kayani H, Rehan N, Ullah N. Frequency of Retinopathy among diabetics admitted in a teaching hospital of Lahore. *J Ayub Med Coll Abbottabad* 2003; **15**: 53-6.
565. Kamel NM, Badawy YA, El-Zeiny NA, Merdan IA. Sociodemographic determinants of management behaviour of diabetic patients. Part I. Behaviour of patients in relation to management of their disease. *East Mediterr Health J* 1999, **5**: 967-73.
566. Hales CN, Barker DJ. The thrifty phenotype hypothesis. *Br Med Bull* 2001; **60**: 5-20.
567. Baschetti R. Diabetes epidemic in newly westernized populations: is it due to thrifty genes or to genetically unknown foods? *J R Soc Med* 1998; **91**: 622-5.

568. Al-Saud AA, Alamuddin MN, Rushood AA. Prevalence and elimination of cataract in a rural setting in Yemen. *East Mediterr Health J* 1997; **3**: 408-414.
569. Sallam TA, Raja`a YA, Al-Zubiery TK, Al-Shaibani KS, Al-Shamiri AA, Thobala HA, Marett AS, Al-Abbasy AA, Alqubati MA. Chlamydia trachomatis infections among Yemeni school pupils in relation to environmental conditions. *Saudi Med J* 2003; **24**: 84-87.
570. Tabbara KF. Blinding trachoma: the forgotten problem (editorial). *Br J Ophthalmol* 2001; **85**: 1397–1401.
571. Doci J, Masalati M. Prevalence and treatment of trachoma in the Libyan (Arab Republic). *Rev Int Trach* 1974; **51**: 85-97.
572. Taylor HR, Keeffe JE. World blindness: a 21st century perspective. *Br J Ophthalmol* 2001; **85**: 261-6.
573. Lewallen S, Courtright P. Gender and use of cataract surgical services in developing countries. *Bull World Health Organ* 2002; **80**: 300-3.
574. Report of the Regional Director to the Regional Committee for the Western Pacific. Fifty Years of the World Health Organization in the Western Pacific Region 1998. Chapter 28. Trachoma and other causes of blindness. http://www.wpro.who.int/public/policy/50TH/Ch_28.html.
575. World Health Organization. Health Under Difficult Circumstances: The Impact of War, Disasters, and Sanctions on the Health of Population. Executive summary. Document Reference: RC49/Tech.Disc.1. www.who.int/disasters/repo/8451.doc (Accessed 29 August 2004).
576. Thylefors B. Avoidable blindness (Editorial). *Bull World Health Organ* 1999; **77**: 453.
577. Taylor HR. Epidemiology of age-related cataract. *Eye* 1999; **13**: 445-8.
578. Brian G, Taylor H. Cataract blindness – challenges for the 21st century. *Bull World Health Organ* 2001; **79**: 249–56.

579. Lewallen S, Courtright P. Peripheral corneal ulcers associated with use of African traditional eye medicines. *Br J Ophthalmol* 1995; **79**: 343-6.
580. Zerihun N, Mabey D. Blindness and low vision in Jimma Zone, Ethiopia: results of a population-based survey. *Ophthalmic Epidemiol* 1997; **4**: 19-26.
581. Schwartz EC, Huss R, Hopkins A, Dadjim B, Madjitouloum P, Hénault C, Klauss V. Blindness and visual impairment in a region endemic for onchocerciasis in the Central African Republic. *Br J Ophthalmol* 1997; **81**: 443-7.
582. World Health Organization. Essential Medicines Library – EMLib. Trachoma - chlamydial infection. http://mednet3.who.int/eml/disease_factsheet.asp?diseaseId=349 (Accessed 29 August 2004).
583. Nwosu SN. Low vision in persons aged 50 and above in the onchocercal endemic communities of Anambra State, Nigeria. *West Afr J Med* 2000; **19**: 216-9.
584. Dawodu OA, Osahon AI, Emifoniye E. Prevalence and causes of blindness in Otibhor Okhae Teaching Hospital, Irrua, Edo State, Nigeria. *Ophthalmic Epidemiol* 2003; **10**: 323-30.
585. Sandford-Smith JH, Whittle HC. Corneal ulceration following measles in Nigerian children. *Br J Ophthalmol* 1979; **63**: 720-4.
586. Whittle HC, Smith JS, Kogbe OI, Dossetor J, Duggan M. Severe ulcerative herpes of mouth and eye following measles. *Trans R Soc Trop Med Hyg* 1979; **73**: 66-9.
587. Ayanru JO. Affections of conjunctiva and cornea in Bendel State of Nigeria. *Trop Geogr Med* 1978; **30**: 69-74.
588. Malu KN, Malu AO. Blindness in leprosy patients of Kaduna State, Northern Nigeria. *Trop Doct* 1995; **25**: 181-3.
589. Cunningham Jr ET, Lietman TM, Witcher JP. Blindness: a global priority for the twenty-first century (editorial). *Bull World Health Organ* 2001, **79**: 180.
590. Holm SO, Jha HC, Bhatta RC, Chaudhary JSB, Thapa BB, Davis D, Pokhrel RP, Yinghui M, Zegans M. Comparison of two azithromycin

- distribution strategies for controlling trachoma in Nepal. *Bull World Health Organ* 2001; **78**: 194–200.
591. Adeoye A. Survey of blindness in rural communities of south-western Nigeria. *Trop Med Int Health* 1996; **1**: 672-6.
592. Abiose A, Murdoch I, Babalola O, Cousens S, Liman I, Onyema J, Evans J, Gregory W, Jones B. Distribution and aetiology of blindness and visual impairment in mesoendemic onchocercal communities, Kaduna State, Nigeria. Kaduna Collaboration for Research on Onchocerciasis. *Br J Ophthalmol* 1995; **79**: 197.
593. Cunningham CA. Some causes of blindness seen at Noor Eye Institute, Afghanistan. *Br J Physiol Opt* 1979; **33**: 1-40.
594. Resnikoff S, Pararajasegaram R. Blindness prevention programmes: past, present, and future. *Bull World Health Organ* 2001, **79**: 222–226.
595. Blindness surveillance. *Wkly Epidemiol Rec* 1979; **54**: 273–80.
596. Thylefors B, Dawson CR, Jones BR, West SK, Taylor HR. A simplified system for assessment of trachoma and its complications. *Bull World Health Organ* 1987, **65**: 477–83.
597. Foster A. Global Blindness (Lecture). <http://www.who.int/mipfiles/2400/AllenFoster.pdf> (Accessed 15 September 2004).
598. Guex-Crosier Y, Telenti A. An epidemic of blindness: a consequence of improved HIV care? *Bull World Health Organ* 2001; **79**: 181.
599. Foster PJ, Johnson GJ. Glaucoma in China: how big is the problem? *Br J Ophthalmol* 2001; **85**: 1277–82.
600. Foster PJ, Baasanhu J, Alsbirk PH, Munkhbayar D, Uranchimeg D, Johnson GJ. Glaucoma in Mongolia. A population-based survey in Hovsgol province, northern Mongolia. *Arch Ophthalmol* 1996; **114**: 1235-41.
601. Johnson GJ. The glaucomas. In: Johnson JJ, Minassian DC, Weale R (eds) *The Epidemiology of Eye Disease*, Chapman & Hall 1998; 159-80.

602. Klauss V, Schwartz EC. Other conditions of the outer eye. In: Johnson JJ, Minassian DC, Weale R (eds) *The Epidemiology of Eye Disease*, Chapman & Hall 1998; 137-58.
603. World Health Organization. The World Health Report 2004: Changing History. www.who.int/whr/en/ (Accessed 15 September 2004).
604. Kestelyn PG, Cunningham Jr ET. HIV/AIDS and blindness. *Bull World Health Organ* 2001; **79**: 208–13.
605. Bailey R, Lietman T. The SAFE strategy for the elimination of trachoma by 2020: will it work? *Bull World Health Organ* 2001; **79**: 233–36.
606. Frick KD, Lietman TM, Holm SO, Jha HC, Chaudhary JDP, Bhatta RC. Cost-effectiveness of trachoma control measures: comparing targeted household treatment and mass treatment of children. *Bull World Health Organ* 2001, **79**: 201–7.
607. Schaller UC, Klauss V. Is Crede' s prophylaxis for ophthalmia neonatorum still valid? *Bull World Health Organ* 2001; **79**: 236.
608. Nsanze H, Dawodu A, Usmani A, Sabarinathan K, Varady E. Ophthalmia neonatorum in the United Arab Emirates. *Ann Trop Paediatr* 1996; **16**: 27-32.
609. Mecaskey JW, Knirsch CA, Kumaresan JA, Cook JA. The possibility of eliminating blinding trachoma. *The Lancet. Infectious Diseases*, 2003; **3**: 728-34.
610. West S, Sommer A. Prevention of blindness and priorities for the future. *Bull World Health Organ* 2001; **79**: 244–48.
611. Gilbert C. Eliminating childhood blindness. (Lecture). World Sight Day 2002. www6.who.int/metadot/index.pl?iid=1801&isa=Category (Accessed 15 September 2004).
612. Gilbert C. New issues in childhood blindness. *J Community Eye Health* 2001; **14**: 53-56. <http://www.jceh.co.uk/download/EYE40.PDF> (Accessed 15 September 2004).
613. Tabbara KF. Climatic droplet keratopathy. *Int Ophthalmol Clin* 1986; **26**: 63-8.

614. Matta CS, Tabbara KF, Cameron JA, Hidayat AA, al-Rajhi AA. Climatic droplet keratopathy with corneal amyloidosis. *Ophthalmology* 1991; **98**: 192-5.
615. Wormald R. Screening in ophthalmology. In: Johnson JJ, Minassian DC, Weale R (eds) *The Epidemiology of Eye Disease*, Chapman & Hall 1998; 83-100.
616. Courtright P, Lewallen S. Ocular manifestations of leprosy. In: Johnson JJ, Minassian DC, Weale R (eds) *The Epidemiology of Eye Disease*. Chapman & Hall 1998: 249-64.
617. Ibrahim MA, Kordy MN, Aiderous AH, Bahnassy A. Leprosy in Saudi Arabia, 1986-89. *Lepr Rev* 1990; **61**: 379-85.
618. Lavrik AU, Obadi Akhmad Said, Bochanov EA. [Initial measures in studying the distribution of leprosy in Yemen]. *Vestn Dermatol Venerol* 1970; **44**: 56-8.
619. World Health Organization. The World Health Report 2002: Reducing Risks, Promoting Healthy Life. <http://www.who.int/whr/2002/en/> (Accessed 15 September 2004).
620. No Author. Leprosy. *Nature Reviews* 2003; **1**: 4-5.
621. Negrel AD. An approach to the epidemiology of eye injuries. In: Johnson JJ, Minassian DC, Weale R (eds) *The Epidemiology of Eye Disease*. Chapman & Hall 1998: 265-87.
622. Kestelyn O. HIV / AIDS and the eye. In: Johnson JJ, Minassian DC, Weale R (eds) *The Epidemiology of Eye Disease*. Chapman & Hall 1998: 289-309.
623. Klein BEK, Klein R. Diabetic retinopathy. In: Johnson JJ, Minassian DC, Weale R (eds) *The Epidemiology of Eye Disease*. Chapman & Hall 1998: 311-24.
624. Evans J. Age-related macular degeneration. In: Johnson JJ, Minassian DC, Weale R (eds) *The Epidemiology of Eye Disease*. Chapman & Hall 1998: 325-47.
625. Ambati J, Ambati BK, Yoo SH, Ianchulev S, Adamis AP. Age-related macular degeneration: etiology, pathogenesis, and therapeutic strategies. *Surv Ophthalmol* 2003; **48**: 257-93.

626. Evans JR, Fletcher AE, Wormald RP. Age-related macular degeneration causing visual impairment in people 75 years or older in Britain: an add-on study to the Medical Research Council Trial of Assessment and Management of Older People in the Community. *Ophthalmology* 2004; **111**: 513-7.
627. Evans JR, Fletcher AE, Wormald RP; MRC Trial of Assessment and Management of Older People in the Community. Causes of visual impairment in people aged 75 years and older in Britain: an add-on study to the MRC Trial of Assessment and Management of Older People in the Community. *Br J Ophthalmol* 2004; **88**: 365-70.
628. Sparrow JM, McLeod BK, Smith TDW, Birch M, Rosenthal R. The prevalence of diabetic retinopathy and maculopathy and their risk factors in the non-insulin treated diabetic patients of an English town. *Eye* 1993; **7**: 158-63.
629. Saint Vincent Declaration. Diabetes Mellitus In Europe: A Problem at All Ages in All Countries: A Model for Prevention and Self Care. Saint Vincent (Italy), 1989. <http://www.show.scot.nhs.uk/crag/topics/diabetes/vincent.htm> (Accessed 15 September 2004).
630. Cormack TGM, Grant B, Macdonald MJ, Steel J, Campbell IW. Incidence of blindness due to diabetic eye disease in Fife 1990-9. *Br J Ophthalmol* 2001; **85**: 354-56.
631. Foster A, Thulaseraj RD. Planning, management and evaluation of eye-care services. In: Johnson JJ, Minassian DC, Weale R (eds) *The Epidemiology of Eye Disease*. Chapman & Hall 1998; 351-69.
632. Thylefors B. The World Health Organization's Programme for the Prevention of Blindness. In: Johnson JJ, Minassian DC, Weale R (eds) *The Epidemiology of Eye Disease*. Chapman & Hall 1998; 371-82.
633. Johns AW. The role of the international non-governmental developmental organizations. In: Johnson JJ, Minassian DC, Weale R (eds) *The Epidemiology of Eye Disease*. Chapman & Hall 1998; 383-94.
634. Keefe JE, Fong LP, Harper CA, Taylor HR. Intervention for the prevention of blindness: the scene in industrialized countries. In:

- Johnson JJ, Minassian DC, Weale R (eds) *The Epidemiology of Eye Disease*. Chapman & Hall 1998: 395-410.
635. Johnson CA, Samuels SJ. Screening for glaucomatous visual field loss with frequency-doubling perimetry. *Invest Ophthalmol Vis Sci* 1997; **38**: 413–25.
636. Grierson I. What is open angle glaucoma? *Eye* 1987; **1**: 15-28.
637. No Author. Proliferative diabetic retinopathy: treatment with xenon-arc photocoagulation. Interim report of multicentre randomised controlled trial. *Br Med J* 1977; **1**: 739-41.
638. Harding S, Greenwood R, Aldington S, Gibson J, Owens D, Taylor R, Kohner E, Scanlon P, Leese G; Diabetic Retinopathy Grading and Disease Management Working Party. Grading and disease management in national screening for diabetic retinopathy in England and Wales. *Diabet Med* 2003; **20**: 965-71.
639. Trautner C, Icks A, Haastert B, Plum F, Berger M. Incidence of blindness in relation to diabetes. A population-based study. *Diabetes Care* 1997; **20**, 1147-53.
640. Cordeiro MF, Stanford MR, Phillips PM, Shilling JS. Relationship of diabetic microvascular complications to outcome in panretinal photocoagulation treatment of proliferative diabetic retinopathy. *Eye* 1997; **11**: 531-6.
641. Lyons TJ, Jenkins AJ, Zheng D, Lackland DT, McGee D, Garvey WT, Klein RL. Diabetic retinopathy and serum lipoprotein subclasses in the DCCT/EDIC cohort. *Invest Ophthalmol Vis Sci* 2004; **45**: 910-8.
642. Davis MD, Fisher MR, Gangnon RE, Barton F, Aiello LM, Chew EY, Ferris FL 3rd, Knatterud GL. Risk factors for high-risk proliferative diabetic retinopathy and severe visual loss: Early Treatment Diabetic Retinopathy Study Report #18. *Invest Ophthalmol Vis Sci* 1998; **39**: 233-52.
643. Friedman DS, West SK, Munoz B, Park W, Deremeik J, Massof R, Frick K, Broman A, McGill W, Gilbert D, German P. Racial variations in causes of vision loss in nursing homes: The Salisbury Eye

- Evaluation in Nursing Home Groups (SEEING) Study. *Arch Ophthalmol* 2004; **122**: 1019-24.
644. Melese M, Alemayehu W, Bayu S, Girma T, Hailesellasie T, Khandekar R, Worku A, Courtright P. Low vision and blindness in adults in Gurage Zone, central Ethiopia. *Br J Ophthalmol* 2003; **87**: 677-80.
645. Jalili IK. Personal observation on topical drugs abuse among the Arab population. Unpublished data.
646. Fielder AR, Russell-Eggitt IR, Dodd KL, Mellor DH. Delayed visual maturation. *Trans Ophthalmol Soc UK* 1985; **104**: 653-61.
647. World Health Organization Website. Regional Offices. <http://www.who.int/about/regions/en/>
648. Dandona L, Williams JD, Williams BC, Rao GN. Population-based assessment of childhood blindness in Southern India. *Arch Ophthalmol* 1998; **116**: 545-6.
649. Unicef Website. http://www.unicef.org/sowc02summary/regional_summaries.html (Accessed 15 September 2004).
650. Leske CM. Case-control and cohort studies: applications in studies of age-related cataract. In: Johnson JJ, Minassian DC, Weale R (eds) *The Epidemiology of Eye Disease*, Chapman & Hall 1998; 63-81.
651. Halldorsson S, Bjornsson G. Childhood blindness in Iceland. A study of legally blind and partially seeing children in Iceland 1978. *Acta Ophthalmol (Copenh)* 1980; **58**: 237-42.
652. Boyle CA, Yeargin-Allsopp M, Doernberg NS, Holmgreen P, Murphy CC, Schendel DE. Prevalence of Selected Developmental Disabilities in Children 3-10 Years of Age: the Metropolitan Atlanta Developmental Disabilities Surveillance Program, 1991. Centres of Disease Control and Prevention. *Surveillance Summaries* 1996; **45**: 1-14. <http://www.cdc.gov/mmwr/preview/mmwrhtml/00040928.htm>. (Last reviewed 2 May 2001).
653. Goggin M, O'Keefe M. Childhood blindness in the Republic of Ireland: a national survey. *Br J Ophthalmol* 1991; **75**: 425-9.

654. Stewart-Brown SL, Haslum MN. Partial sight and blindness in children of the 1970 birth cohort at 10 years of age. *J Epidemiol Community Health* 1988; **42**: 17-23.
655. Ho VH, Schwab IR. Social economic development in the prevention of global blindness. *Br J Ophthalmol* 2001; **85**: 653-7.
656. Chan T, O'Keefe M, Bowell R, Lanigan B. Childhood penetrating eye injuries. *Ir Med J* 1995; **88**: 168-70.
657. Apte RS, Scheufele TA, Blomquist PH. Etiology of blindness in an urban community hospital setting. *Ophthalmology* 2001; **108**: 693-6.
658. Leske MC, Wu SY, Hennis A, Connell AM, Hyman L, Schachat A. Diabetes, hypertension, and central obesity as cataract risk factors in a black population. The Barbados Eye Study. *Ophthalmology* 1999; **106**: 35-41.
659. Racette L, Wilson MR, Zangwill LM, Weinreb RN, Sample PA. Primary open-angle glaucoma in blacks: a review. *Surv Ophthalmol* 2003; **48**: 295-313.
660. Quigley HA, West SK, Rodriguez J, Munoz B, Klein R, Snyder R. The prevalence of glaucoma in a population-based study of Hispanic subjects: Proyecto VER. *Arch Ophthalmol* 2001; **119**: 1819-26.
661. Leske MC, Wu SY, Hyman L, Nemesure B, Hennis A, Schachat AP; Barbados Eye Studies Group. Four-year incidence of visual impairment: Barbados Incidence Study of Eye Diseases. *Ophthalmology* 2004; **111**: 118-24.
662. LaRoche GR, McIntyre L, Schertzer RM. Epidemiology of severe eye injuries in childhood. *Ophthalmology* 1988; **95**: 1603-7.
663. United Nations Population Funds Website. Arab States. <http://www.unfpa.org/arabstates/index.cfm>. Accessed 4 October 2004.
664. World Overpopulation Awareness Website. Population Dynamics by Country, Religion, or Ethnicity. <http://www.overpopulation.org/culture.html> (accessed 4 October 2004).
665. Johnson G. Cataract Blindness. Rila Publications Ltd. http://www.rila.co.uk/issues/free/001/2001/v4n2/p48_51/p48_51.html (Accessed 4 October 2004).

666. Mbulaiteye SM, Reeves BC, Mulwany F, Whitworth JAG, Johnson G. Incidence of visual loss in rural southwest Uganda. *Br J Ophthalmol* 2003; **87**: 829–33.
667. Flanagan NM, Jackson AJ, Hill AE. Visual impairment in childhood: insights from a community-based survey. *Child Care Health Dev* 2003; **29**: 493-9.
668. Tabbara KF. Eye disease induced by traditional eye practices. *Int Ophthalmol Clin* 1990; **30**: 23-27.
669. Krumpaszky HG, Klauß V. Epidemiology of Blindness and Eye Disease. *Ophthalmologica* 1996; **210**: 6-84.
670. Yeates FM. Causes of binocular legal blindness in an Australian metropolitan community. *Aust J Ophthalmol* 1983; **11**: 321-23.
671. Klein R. Diabetic retinopathy: an end of the century perspective. *Eye* 1999; **13**: 133-35.
672. Taylor RH, Jones HS, Dodson PM, Hamilton AP, Kritzing EE. Diabetic eye disease: a natural history study. *Eye* 1997; **11**: 547-53.
673. Broadbent DM, Scott JA, Vora JP, Harding SP. Prevalence of diabetic eye disease in an inner city population: The Liverpool Diabetic Eye Study. *Eye* 1999; **13**: 160-65.
674. Thylefors B. A global initiative for the elimination of avoidable blindness (editorial). *Am J Ophthalmol* 1988; **125**: 90-3.
675. Van Der Pol BAE. Causes of visual impairment in children. *Doc Ophthalmol* 1986; **61**: 223-8.
676. Negrel AD, Thylefors B. The global impact of eye injuries. *Ophthalmic Epidemiol* 1998; **5**: 143-69.
677. Xu J, Zhu S, Li S, Pizzarello L. Models for improving cataract surgical rates in southern China. *Br J Ophthalmol* 2002; **86**: 723-4.
678. Gilbert C. Childhood blindness due to landmines. *J Community Eye Health* 1997; **10**: 40.
679. Jackson H. Severe ocular trauma due to landmines and other weapons in Cambodia. *J Community Eye Health* 1997; **10**: 37-39.
680. Zerihun N. Blast injuries of the eye. *J Community Eye Health* 1997; **10**: 40-41.

681. Jalili IK, Smith NJD. A progressive cone-rod dystrophy and amelogenesis imperfecta: a new syndrome. *J Med Genet* 1988; **25**: 738-40.
682. Helweg-Larsen K, Abdel-Jabbar Al-Qadi AH, Al-Jabriri J, Bronnum-Hansen H. Systematic medical data collection of intentional injuries during armed conflicts: a pilot study conducted in West Bank, Palestine. *Scand J Public Health* 2004; **32**: 17-23.
683. al-Salem M. Autosomal recessive ectopia lentis in two Arab family pedigrees. *Ophthalmic Paediatr Genet* 1990; **11**: 123-7.
684. Turacli ME, Aktan SG, Sayli BS, Akarsu N. Therapeutical and genetical aspects of congenital glaucomas. *Int Ophthalmol* 1992; **16**: 359-62.
685. Sarfarazi M, Stoilov I. Genetics in Glaucoma. In: Sassani JW (ed) *Ophthalmic Fundamentals: Glaucoma*, Slack Inc., Thorofare NJ 1999; 15-31.
686. Panicker SG, Reddy ABM, Mandal AK, Ahmed N, Nagarajaram HA, Hasnain SE, Balasubramanian D. Identification of novel mutations causing familial primary congenital glaucoma in Indian pedigrees. *Invest Ophthalmol* 2002; **43**: 1358-66.
687. Elder MJ. Congenital glaucoma in the West Bank and Gaza Strip. *Br J Ophthalmol* 1993; **77**: 413-6.
688. Levy J, Carmi R, Rosen S, Lifshitz T. Primary congenital glaucoma presenting within the first three months of life in a Bedouin population: prognostic factors. *J Glaucoma* 2005; **14**: 139-44.
689. Gencik A. Epidemiology and genetics of primary congenital glaucoma in Slovakia. Description of a form of primary congenital glaucoma in gypsies with autosomal-recessive inheritance and complete penetrance. *Dev Ophthalmol* 1989; **16**: 76-115.
690. Jaafar MS. Care of the infantile glaucoma patient. *Ophthalmology Annual* 1988; **7**: 15-37.
691. Debnath SC, Teichmann KD, Salamah K. Trabeculectomy versus trabeculotomy in congenital glaucoma. *Br J Ophthalmol* 1989; **73**: 608-11.

692. Incidence and prognosis of childhood glaucoma. A study of 63 cases. *Ophthalmology* 1986; **93**: 1323-7.
693. Hornby SJ, Gilbert CE, Rahi J, Sil AK, Xiao Y, Dandona L, Foster A. Regional variation in blindness in children due to microphthalmos, anophthalmos and coloboma. *Ophthalmic Epidemiol* 2000; **7**: 127-38.
694. Morrison D, FitzPatrick D, Hanson I, Williamson K, van Heyningen V, Fleck B, Jones I, Chalmers J, Campbell H. National study of microphthalmia, anophthalmia, and coloboma (MAC) in Scotland: investigation of genetic aetiology. *J Med Genet* 2002; **39**: 16-22.
695. Kallen B, Robert E, Harris J. The descriptive epidemiology of anophthalmia and microphthalmia. *Int J Epidemiol*. 1996; **25**: 1009-16.
696. Iqbal M, Jalili IK. Congenital-onset central chorioretinal dystrophy associated with high myopia. *Eye* 1998; **12**: 260-5.
697. Moore AM. Inherited Retinal Dystrophies. In Taylor D (ed) *Pediatric Ophthalmology*, Blackwell Scientific Publication 1990: 376-425.
698. *Krill's Hereditary Retinal and Choroidal Diseases*. Archer D (ed), Harper & Row, Hagerstown, 1977; **2**.
699. *Genetic Diseases of the Eye*. Traboulsi E (ed) Oxford University Press 1998.
700. *Goldberg's Genetic and Metabolic Eye Disease*. Renie WA (ed). Little, Brown and Company (inc.), Boston/Toronto, 1986.
701. *Retinal Dystrophies and Degenerations*. Newsome D (ed). Raven Press, 1185 Avenue of the Americas, New York, New York 10036, 1987.
702. Heckenlively JR. *Retinitis pigmentosa*. In Heckenlively JR (ed) JB Lippincott Company, Philadelphia 1988.
703. Zlotogora J. Autosomal recessive diseases among Palestinian Arabs. *J Med Genet* 1997; **34**: 765-6.
704. Cetin E, Yaman A, Berk AT. Etiology of childhood blindness in Izmir, Turkey. *Eur J Ophthalmol* 2004; **14**: 531-7.
705. Jalili IK. Prevention of Blindness in the West Bank and Gaza Strip. Report to the CBM, 1987. <http://www.jalili.co.uk/Academic/A3-PCBP-87.pdf>

706. Khogali M. Health system and Health care in future Sudan: Case study of Southern Sudan. Lecture, The London Conference for better health services in Southern Sudan, The Imperial College, London, 14-15 July 2005.
707. Bella H. Health Services in Southern Sudan: Where to start and which way forward. Lecture, The London Conference for Better Health Services in Southern Sudan, The Imperial College, London, 14-15 July 2005.
708. Nordic countries. From Wikipedia, the Free Encyclopedia. http://en.wikipedia.org/wiki/Nordic_countries
709. Gelehrter TD, Collins FS. In: Gardner JD (ed) *Principals of Medical Genetics*. Williams and Wilkins, London 1990.
710. Summerfield D. Palestine: the assault on health and other war crimes. *Br Med J* 2004; **329**: 924.
711. Abdu Z, Hashim K, Muhi MA, Gilbert C. Prevalence and causes of childhood blindness in camps for persons displaced in Khartoum, Sudan: results of a household survey. Personal communication.
712. Jalili IK. Instruction to personnels involved in the Blind Schools Survey in the Occupied Palestinian Territories, 1985 to 1987. Update 18 August 2005. http://www.jalili.co.uk/bss/a4_insbook.htm.
713. Map of Sudan. University of Texas website, Perry-Castañeda Library, Map Collection. http://www.lib.utexas.edu/maps/africa/sudan_pol00.jpg
714. Jalili IK. Cone-rod congenital amaurosis associated with congenital hypertrichosis: an autosomal recessive condition. *J Med Genet* 1989; **26**: 504-10.
715. Tabbara FK, El-Shaikh MF, Shawaf SS. Pattern of childhood blindness at a referral centre in Saudi Arabia. *Ann Saudi Med* 2005; **25**: 18-21.
716. Resnikoff S, Pascolini D, Etya'ale D, Kocur I, Parajasegaram R, Pokharel GP, Marioti SP. Global data on visual impairment in the year 2002. *Bull World Health organ* 1994; **82**: 844-51.
717. Herman WH, Aubert RE, Engelgau MM, Thompson TJ, Ali MA, Sous ES, Hegazy M, Badran A, Kenny SJ, unter EW, Malarcher AM,

Brechner RJ, Wetterman SF, DeStefano F, Smith PJ, Haib M, abd el Shakour S, Ibrahim AS, el Behairy M. Diabetes mellitus in Egypt, glycaemic control and microvascular and neuropathic complications. *Diab Med* 2004; **15**: 1045-51.