

REFERENCES

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- Adelstein, A.M. and Scully, J.
"Epidemiological Aspects of Squint"
Brit. Med. J. 3, 334-338 (1967).
- Banks, R.V., Campbell, F.W., Hess, R.F., and Watson, P.G.
"A new treatment for amblyopia"
Brit. Orthopt. J., 35, 1-12 (1978).
- Barraquer, J.
"Keratomileusis and keratophakia in the surgical
correction of aphakia".
Cataract surgery and its complications.
Jaffe, N.S., Third edition, The C.V. Mosby Company,
St. Louis, Toronto, London, 199 (1981).
- Binkhorst, C.D., Gobin, M.T., and Leonard, P.A.M.
"Post traumatic artificial lens implants (Pseudo-
phakoi) in children"
Brit. J. Ophthal. 53, 518 (1969).
- Blakemore, C., and Campbell, F.W.
"On the existence of neurones in the human visual
system selectively sensitive to orientation and
size of retinal images".
J. Physiol. 203, 237-260 (1969).

76

Bradley, A. and Freeman, R.D.

"Contrast sensitivity in anisometropic amblyopia"
Invest. Ophthalm. Vis.Sci. Sep. 21(3), 467-76
(1980).

Campbell, F.W., and Robson, J.G.

"Application of Fourier analysis to the visibility
of gratings"
J. Physiol. 197, 551-566 (1968).

Campbell, F.W., Cooper, G.F., and Enroth-Cugell, C.

"The spatial selectivity of the visual cells of
the cat"
J. Physiol. 203, 223-228 (1969).

Campbell, F.W., and Maffei, L.

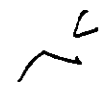
"Electrophysiological evidence for the existence
of orientation and size detectors in the human
visual system".
J. Physiol. 207, 635-662 (1970).

Campbell, F.W., Hess, R.F., Watson, P.G., and Banks, R.V.

"Preliminary results of a physiologically based
treatment for amblyopia".
Brit. J. Ophthalm. 62, 748-755 (1978).

Chavasse, B.F.

"The binocular reflexes and the treatment of
strabismus"
Worth and Chavasse's squint. 8th Ed.
Bailliere, Tindall Cox, London, 132 (1950).



Cleland, B.G., Dubin, M.W. and Levick, W.R.

"Sustained and transient neurones in the cat's
retina and lateral geniculate nucleus".
J. Physiol. 217, 473-96 (1971).

Daziel, C.C.

"Amblyopia therapy by the Campbell-Hess technique"
Am. J. Optom. Physiol. Opt. 57(5), 280-83 (1980).

Doba, A.T.

"Cambridge stimulator treatment for amblyopia"
An evaluation of 80 consecutive cases treated by
this method.
Australian J. Ophthal. 9, 121-27 (1981).

Downing, A.H.

"Ocular defects in sixty thousand selectees"
Arch. J. Ophthal. 33, 137-143 (1945).

Duke Elder, S. and Abrams, D.

System of ophthalmology
Henry Kimpton, London (1970).
Vol. V, P. 782
Vol. VI, P. 333, 505-507.

Duke Elder, S.

Practice of refraction.
Chirchill, Livingstone, Edinburgh, London and
New York, 9th Ed. P. 74-76 (1978).

67

El-Sayed, A.M., and Sobhy, M.

"Evaluation of CAM vision stimulator in treatment of anisometropic amblyopia".

Bull. Ophthal. Soc. Egypt, 74, 79-86 (1981).

Enroth-Cugell, C. and Robson, J.G.

"The contrast sensitivity of retinal ganglion cells of the cat".

J. Physiol. 187, 517 (1966).

Freeman, R.D. and Thibos, L.N.

"Contrast sensitivity in humans with abnormal visual experience".

J. Physiol. 247, 687 (1975).

Gawdat, I.

"Incidence of errors of refraction in Egypt".

Bull. Ophthal. Soc. Egypt. 69, 513-519 (1976).

Girard, L.J., Friedman, B., Moore, C.D., Blau, R.I., Binkhorst, C.D. and Gobin, M.H.

"Intraocular implants and contact lenses"

Arch. Ophthal., 68, 76 (1962).

Haft, J.S. and Harman, P.J.

"Evidence of central inhibition of retinal function".

Vision Res. 7, 499-501 (1967).

Harwerth, R.S. and Levi, D.M.

"A sensory mechanism for amblyopia"

Am. J. Optom. Physiol. Opt. 55, 151-161 (1978).

6

Hefni, W. and Osman, Z.

"Evaluation of vision in anisometropia"

Bull. Ophthal. Soc. Egypt. 65, 471-476 (1972).

Helveston, E.M.

"Relationship between degree of anisometropia
and depth of amblyopia"

Amer. J. Ophthal. 62, 757-759 (1966).

Hess, R.F. and Howell, E.R.

"The threshold contrast sensitivity function
in strabismic amblyopia".

Vision Res. 17, 1049-1055 (1977).

Hess, R.F., Campbell, F.W. and Zimmern, R.

"Differences in the neural basis of human amblyopias:
the effect of mean luminance"

Vision Res. 20, 295-302 (1980).

Hittner, H.M. and Chokshi, D.B.

"Results of treatment of unilateral high myopia
with amblyopia"

Amer. Orthopt. J. 28, 74 (1978).

Hubel, D.H. and Wiesel, T.N.

"Receptive fields, binocular interaction and
functional architecture in the cat's visual cortex".

J. Physiol. 160, 106 (1962).

Hubel, D.H.

"The visual cortex of the brain"

Scient. Am. 209, 58-62(1963).



Hubel, D.H. and Wiesel, T.N.

Binocular interaction in striate cortex of kittens
reared with artificial squint.

J. Neurophysiol., 28, 1011 (1965).

Hubel, D.H. and Wiesel, T.N.

Receptive fields and functional architecture
of monkey striate cortex.

J. Physiol. 195, 215 (1968).

Ikeda, H. and Wright, M.J.

"Is amblyopia due to inappropriate stimulation of
the "sustained" pathway during development"

Brit. J. Ophthalmol. 58, 165-175 (1974).

Ingram, R.M., Traynor M.J., Walker, C. and Wilson, J.M.

"Screening for refractive errors at age 1 year:
a pilot study"

Brit. J. Ophthalmol., 63 , 243-250 (1979).

Jaffe, N.S.

"The changing of intraocular implant lens surgery"

Am. J. Ophthalmol., 88, 819 (1979).

Jaffe, N.S.

"Cataract surgery and its complications".

3rd Ed. C.V. Mosby company, St. Louis,

Toronto, London, 127 (1981).

Jampolsky, A., Flom, B.C., Weymouth, F.W. and Moses, L.E.

"Unequal corrected visual acuity as related to
anisometropia"

Arch. Ophthalmol., 54 , 893 (1955).



Jester, J.V., Steel, D., Salz, J., Magashiro, J., and Rife, L.
"Radial Keratotomy in non-human primate eye"
Amer. J. Ophthal., 92, 153-171 (1981).

Joseph

Bull. Soc. Ophthal. Paris, 421 (1936)
Quoted from: Duke Elder, S. and Abrams, D.
System of ophthalmology, Henry Kimpton,
London, Vol. 5, P. 505-506 (1970).

Kivlin, J.D. and Flynn, J.T.

"Therapy of anisometropic amblyopia"
J. Pediat. Ophthal. Strabismus.
Sep-Oct. 16 (5), 47-56 (1981).

Lark, J.

"Design studies for continuous wear lenses",
contact lenses society conference, Windermere.
Quoted from :
Pierse, D. and Kersley, H.J.
"Hydrophilic lenses for continuous wear in
aphakia fitting at operation"
Brit. J. Ophthal. 61, 34-37 (1976).

Lavergne, G.

"Adaptation a l'obscurité et frequence critique
de fusion de l'oeil amblyope"
Docum. Ophthal. 23, 210-227 (1967).
Quoted from:
Westall, C.A.
"Classical and modern theories for the basis of
amblyopia"
Ophthal. Physiol. Opt. 2(1), 25-36 (1982).

69

- Lennerstrand, G., Kvarnstrom, G., Lundh, B.L., and Wranne, K.
"Effect of grating stimulation on visual acuity
in amblyopia"
Acta-Ophthal. (Copenh.), 59(2), 179-88 (1981)
- Lyle, T.K. and Wybar, K.C.
"Practical orthoptics in the treatment of squint"
London, H.K. Lewis & Co. Ltd., P. 259 (1967).
- Maffei, L. and Fiorentini, A.
"The visual cortex as a spatial frequency analyser"
Vision Res. 13, 1255-1267 (1973).
- Malik, S.R.K., Gupta, A.K., and Choudhry, S.
"Anisometropia: Its relation to amblyopia and
eccentric fixation"
Brit. J. Ophthal. 52, 273-276 (1968).
- Mc Neil, N.L.
"Patterns of visual defects in children"
Brit. J. Ophthal., 39, 688-701 (1955).
- Mets, M. and Price, R.L.
"Contact lenses in the management of myopic
anisometropic amblyopia"
Amer. J. Ophthal. 91, 484-89 (1981).
- Oliver, M.W.B.
"A high degree of myopia "
Brit. J. Ophthal. 5, 68 (1921).
- ch

Osman, Z.M., Abbas, S.R. and Hefni, W.

"Dark adaptation curve for different types of amblyopia".

Bull. Ophthal. Soc. Egypt, 71, 327-38 (1978).

Pollard, Z.F., and Manley, D.

"Long-term results in the treatment of unilateral high myopia with amblyopia"

Am. J. Ophthal. 78, 397 (1974).

Rosenthal, A.R., and Von Noorden, G.K.

"Clinical findings and therapy in unilateral high myopia associated with amblyopia".

Am. J. Ophthal. 71, 873 (1971).

Roth, A.

"Le sens chromatique dans l'amblyopie fonctionnelle"

Docum. Ophthal. 24, 113 (1968).

Quoted from :

Westall, C.A.

"Classical and modern theories for the basis of amblyopia".

Ophthal. Physiol. Opt. , 2 (1), 25-36 (1982).

Sachs, M.B., Nachmias, J. and Robson, J.G.

"Spatial frequency channels in human vision"

J. Opt. Soc. Am. 61, 1176-86 (1971).

Sen, D.K.

"Results of treatment of anisohypermetropic amblyopia without strabismus"

Brit. J.Ophthal. 66, 680-84 (1982).

11

Sorsby, A.

"Anomalies of refraction and accommodation"
Modern Ophthalmology, Second Ed., Butterworths,
London, Vol. 3, P. 37-39 (1972).

Stark, W.J., Kracher, G.P., Cowan, C.L., and Talor, H.R.

"Extended wear contact lenses and intraocular
lenses for aphakic correction"
Am. J. Ophthalm. 88, 535 (1979).

Stone, J. and Hoffman, K.P.

"Very slow conduction ganglion cells in the cat's
retina: a major new functional type".
Brain Res. 43, 610-616 (1972).

Tanlarnai, T. and Goss, D.A.

"Prevalence of monocular amblyopia among aniso-
metropes"
Am. J. Optom. Physiol. Opt. 56(11), 704-15 (1979).

Tolhurst, D.M.

"Sustained and transient channels in human vision"
Vision Res. 15, 1151-1155 (1975).

Tommila, V. and Nordman, E.

"Later results of pleoptic treatment"
Brit. J. Ophthalm. 53, 769-74 (1969).

Van Balen, A.T.M. and Henkes, H.E.

"Attention and amblyopia, an electroencephalo-
graphic approach to an ophthalmological problem"
Brit. J. Ophthalm. 46, 12-20 (1962).

Westall, C.A.

"The physiological background to amblyopia treatment by rotating gradings".

Optalmic-physiol-Opt.1(3), 175-185 (1981)

Wiessel, T.N. and Hubel, D.H

"Single-cell response in striate cortex of kittens deprived of vision in one eye".

J. Neurophysiol. 26, 1003-1017 (1963).

Willshaw, M.E., Malmheden, A. and Clarke, J.

"Experience with the CAM vision stimulator:
Preliminary Report"

Brit. J. Ophthal. 64(5), 339-341 (1980).

Worth, C.

"The binocular reflexes and the treatment of strabismus"

Worth and Chavasse's squint. 8th Ed.

Bailliere, Tindall Cox, London, 130 (1950).

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