

REFERENCES

- AL-Hussini, M.K. and Massoud, A. (1988):**
Primary congenital glaucoma in Upper Egypt.
Bull . Ophth. SOC. Egypt 81 : 45
- Allen, L.; Burian, H. M.; and Braley, A.F. (1955):**
A new Concept of the development of the anterior chamber angle.
Arch. Ophthalmol. 53 : 783.
- Allen, L, Burian, H.M. (1962):**
Trabeculotomy ab externo.
Am. J. Ophthalmol. 53:19.
- Amoils, S.P., and Simmons, R.J. (1968):**
Goniotomy with intraocular illumination.
Arch. Ophthalmol., 80:488 .
- Anderson, D.R. (1969):**
Scanning electron microscopy of primate trabecular meshwork.
Am. J. Ophthalmol. 71 : 90.
- Anderson, D.R. (1975):**
Glaucomatous disc changes in infants. Transactions of the new Orleans Academy of ophthalmology
The C.V. MOSBY. St. LOUIS. PP. 104-105
- Anderson, D.R. (1981):**
The development of the trabecular meshwork and its abnormality in primary infantile glaucoma.
Trans. Am. Ophthalmol. Soc. LXXIX : 458.
- Anderson, D.R. (1983):**
Trabeculotomy compared to goniotomy for glaucoma in children.
Ophthalmology. 90:805-806.
- Anderson, J.R. (1939):**
Hydrophthalmia or Congenital Glaucoma. Its Causes, Treatment and Outlook.
Cambridge Univ. Press, London, PP. 14-16
- Apt, (1968): Cited by Kwitko M.L.(1973):**
Glaucoma in infants and children P. 249
New york . Appleton - century - Crafts
- Ascher, K.W.(1942):**
The aqueous veins : physiologic importance of the visible elimination of intraocular fluid .
Am. J. Ophthalmol.25 : 1174

- Ashton, N. (1951):**
Anatomical study of Schlemm's canal and aqueous veins by means of neoprene casts.
Br.J. Ophthalmol. 35 : 291
- Ausinsch, B., Munson, E.S. and Levy N.S. (1977):**
Intraocular pressure in children with glaucoma during halothane anesthesia
Ann. Ophthalmol. 9 : 1391
- Barkan, O. (1938):**
Technique of goniotomy.
Arch. Ophthalmol. 19 : 217 .
- Barkan, O. (1942):**
Operation for congenital glaucoma .
Am. J. Ophth ., 25:552
- Barkan, O. (1948):**
Goniotomy for the relief of congenital glaucoma.
Br.J. Ophthalmol. 32, 701
- Barkan, O. (1949):**
Techniques of goniotomy for congenital glaucoma.
Arch. Ophthalmol. 41:65 .
- Barkan, O. (1950):**
Goniotomy knife and surgical contact glass
Arch. Ophth. 44 : 431
- Barkan, O. (1953):**
Surgery of congenital glaucoma : review of 196 eyes operated by goniotomy.
Am. J. Ophthalmol. : 36:1523-1534.
- Barkan, O. (1955):**
pathogenesis of congenital glaucoma
Am.J. Ophthalmol. 40 : 1
- Barkan, O. (1955):**
The infantile form of congenital glaucoma,
Trans. Am .Acad . ophth . & Otolaryng . 59:322-332.
- Barkan, O. (1956):**
Cyclogoniotomy
Am. J. Ophthalmol. 42 : 63
- Becker - Shaffer (1989):**
Diagnosis and therapy of the glaucomas. Hoskins.H.D. and Kass, M.A. Sixth. Ed. ch. 21 p. 355-401 . ch.39 P. 605-623
The C.V. MOSBY Company.. St Louis
- Bell, J. (1933):**
The treasury of Human Inheritance Ed. by Pearson, K., Vol. II, Pt. V. Cambridge university press. London.

- Biglan, A.W., and Hiles, D.A. (1979):**
The visual results following infantile glaucoma surgery.
J. Pediatr. Ophthalmol .Strabismus 16:377 .
- Billiard, P. (1947):**
Le glaucoma infantile. a l' Institution Nationale des Jeunes aveugles
Ann. Oculist, 180 : 257.
- Broger, W.P. and Walton, D.S. (1981):**
Timolol in uncontrolled childhood glaucoma
Ophthalmology 88 : 253
- Broughton, W.L., and Parks, M.M. (1981):**
An analysis of treatment of congenital glaucoma by goniotomy.
Am. J. Ophthalmol. 91:566 .
- Broughton, W.L. Rosenbaum, K.N. and Beauchamp, G.R. (1983):**
Congenital glaucoma and other ocular abnormalities associated with pericentric inversion of chromosome 11
Arch. Ophth. 101 : 594
- Burgess, S.E.P. Silverman, R.H., Coleman, J. et al (1986):**
Treatment of congenital glaucoma with high intensity focused ultrasound.
Ophthalmology 93 : 831
- Cairns, J.E. (1968):**
Trabeculectomy. Preliminary report of a new method.
Am. J. Ophth. 66 : 673
- Calhoun, F.P. (1914):**
Hereditary glaucoma
Sect . Ophthalmol A.M.A., pp. 101-121
- Calhoun, J.H. (1987):**
Congenital glaucoma surgery. Atlas of pediatric ophthalmic surgery P. 295
W.B Saunders company. Philadelphia, London
- Chandler, D.A. and Grant, W.M. (1965):**
Lectures on glaucoma. Macmillan, Toronto.
- Chew, E. and Morin, J.D. (1983):**
Glaucoma in children . In "Pediatric clinics of North America" Ed. Lamsback. W.J. vol 30 pp. 1043-1060
Saunders - Philadelphia.
- Cresseri, A., and Becherle, C. (1944-1945):**
Clin. Scienze 78 : 472
- Cuendet, J.F. (1957):**
Eugenics Quat 4 : 139

- Dannheim, R. (1972):**
 Trabeculotomy.
 Trans. Am. Acad. Ophthalmol. Otolaryngol. 76:375 .
- Dannheim, R. (1978):**
 Trabeculotomy ab externo . Glaucoma conceptions of a disease P. 332
 Georg Thieme publishers stuttgart.
- Debnath, S.C., Teichmann, K.D. and Salamah, K., (1989):**
 Trabeculectomy versus trabeculotomy in congenital glaucoma.
 Br. J. Ophthalmol.. 73: 608-611 .
- de Carvalho, C.A., Betinjane, A.J. and Camargo, M.L. (1978):**
 Results of goniotomy and trabeculotomy as the initial surgical procedure in the treatment of congenital glaucoma. In International glaucoma symposium. Nara\Japan 1978-Glaucoma Update- Eds. Krieglstein, G.K and Leydhecker, W. pp. 33-38
 Springer-Verlag. Berlin - New York .
- Dellaporta, A. (1959):**
 Evaluation of anterior and posterior trabeculodialysis.
 Am. J. Ophthalmol., 48:294 .
- Demenaize, F., Bonaiti, C., Briard, M.L., et al (1979):**
 Congenital glaucoma : Genetic models
 Hum . Genet. 46:305
- Demenaize, F., Elston, R.C., Bonaiti, C., Briard, M.L., Kaplan, E.B., and Mamboodiri, K.K. (1981):**
 Segregation analysis of congenital glaucoma: approach by two different models.
 Am. J. Hum. Genet. 33: 300-306.
- De Vincentiis, (1893):**
 Incisione dell' angolo irideo nel glaucoma .
 Ann. Ottal 22, Quoted by Barkan, O. (1937)
 Am. J. Ophthalmol 20 : 1244
- De Wecker, L. (1895):**
 La sclerotomie interne
 Ann. Ocul . (Paris). 133 :95
- Dobree, J.H. (1969):**
 Spatula for trabeculotomy.
 Br.J. Ophthalmol. 53:861 .
- Dominquez, A., Banos, M.S., Alvarez, M.G., Contra, G.F., and Quintela, F.B. (1974):**
 Intraocular pressure measurement in infants under general anesthesia.
 Am. J. Ophthalmol. 78:110 .

- Douglas, D.H., (1970):**
Reflection on buphthalmos and goniotomy.
Trans. Ophthalmol. Soc. U.K.. 90: 931 .
- Duke-Elder, S. (1964).**
System of ophthalmology, vol. III, pt. 2. Congenital anomalies. pp. 548-565.
St. Louis, Mosby.
- Duke-Elder, S. (1969):**
System of Ophthalmology Vol XI Diseases of the lens.
vitreous : Glaucoma and hyptony.
Henry Kimpton . London . PP. 543 - 645
- El-Bassiuni, O.(1981):**
Incidence of glaucoma, MSC. Thesis. Mansourah university
- El-Dafrawi, H. Attia, H.E., Abdel-Khalek, L.M.R, and Ali El-Din, A.(1987)**
Ultrastructural changes of developmental glaucoma
Bull. Opth. Soc. Egypt. 80:115
- El-Dafrawi, H., and Sabry, S. (1990):**
Anterior chamber tube implant in advanced infantile and Juvenile glaucoma
Bull. Opth. SOC. Egypt 83 : 155
- EL-Sada, M. and EL Hilaly, H. (1991):**
filtering surgery with 5 fluorouracil in congenital and Juvenile glaucoma.
Annual meeting, The ophthalmol. Soc. Egypt. Feb. 1991
- El-Sahen, F. (1985):**
External trabeculotomy in Buphthalmic Patients
Bull. Hellenic Ophthalmol. Soc. 53 : 167
- EL-Sahen, F., El-Nawawy, S., Shawki, D. and Nasr, A .(1988):**
Trabeculotomy versus trabeculectomy in Buphthalmos.
Bull. Opth. SOC. Egypt 81 : 481
- EL-Sawy, A.F. (1989):**
Combind trabeculectomy and external trabeculotomy in treatment of advanced cases and bad prognosis group of congenital glaucoma
Bull. Opth. SOC. Egypt 82 : 467
- El-Sawy, A.F, Abbas, S.R. and EL-FeKy, H. (1989):**
Goniotomy in comparative study with trabeculotomy ab externo for treatment of primary congenital glaucoma
Bull. Opth. Soc. Egypt 82 : 155
- Emarah, M.H., El-Said, I., and El-Shal, M .(1984):**
Management of congenital glaucoma
Bull. Opth. SOC. Egypt 77 : 1

- Eyada, K. (1986):**
The role of medical treatment in pediatric glaucoma
Bull. Ophth. SOC. Egypt 79 : 81
- Faster, G.F. (1974):**
sever visual handicap in childhood In "Genetic and metabolic eye disease" pp 26-27
Ed. Goldberg, M.F. - Little Brown-Boston
- Feeney, M.L. (1962):**
Ultrastructure of the nerves in the human trabecular region.
Invest. Ophthalmol. 1:462
- Fine, B. S. (1966):**
Structure of the trabecular meshwork and the canal of Schlemm.
Trans. Am. Acad. Ophthalmol. & Otolaryngol. 70 : 777.
- Fouad, A.R., Mostafa, M.S.E., Said, A. and Abbas, S. (1977):**
Goniotomy under direct vision using intracameral air (air goniotomy)
Bull. Ophth. Soc. Egypt. 70 : 73
- Francois, J. (1961):**
Congenital glaucoma. Heredity in ophthalmology P.218
The C.V. Mosby company St. LOUIS.
- Galin, M.A. and Fernands (1972):**
Direct goniotomy
Tr. Ophth. SOC. UK. 72 : 345
- Gapgriffith, I. (1990):**
Treatment of developmental glaucoma
Br. J. Ophth. 74 : 384
- Garron, L.K.; and Feeney, M.L. (1959):**
Electron microscopic studies of the human eye. II. Study of the trabeculae by light and electron microscopy.
Arch. Ophthalmol. 62 : 966.
- Gencik, A., Kadasi, L., Gencikova, A., and Gerinec, A. (1979):**
Notes on the genetics of congenital glaucoma.
ophthalmologica 179:209.
- Gifford, S.R. (1934):**
Iridenclesis in Buphthalmos
Arch. Ophth. 11 : 751
- Gorin, G. (1964):**
Developmental glaucoma.
Am. J. Ophthalmol.. 58:572 .

Grant, W.M. (1954):

An arrangement for gonioscopy during surgery
Arch. Ophth. 52 : 454

Grant, W.M. (1972):

Microsurgery of the outflow channels, laboratory research.
Trans. Am. Acad. Ophthalmol-Otolaryngol. 76:398

Gregersen, E. and Kessing, S.V. (1977):

Congenital glaucoma before and after the introduction of microsurgery.
Acta. Ophth.. 55 (3). 431.

Haas, J. (1968):

Principles and problems of therapy in congenital glaucoma.
Invest. Ophthalmol., 7:140 .

Harley, R.D., and Manley, D.R. (1975):

Glaucoma in infants and children .
Pediatric ophthalmology P. 390
W.B Saunders company. Philadelphia. London

Harms, H. (1966):

Glaucom - operationen am Schlemmschen Kanal, sitzung gshericht 114 versammlung vereins Rhein-Westphalia Augenarzte.

Harms, H. and Dannheim, R. (1968):

Trabeculotomy, results and problems. In sec. International. symp. of ophthalmic microsurgery. Study Group, Burgentock, Switzerland. June 13-15
Adv. ophthalmol 22 : 121

Harms, H. and Dannheim (1969):

Trabeculotomy ab externo
Tr. Ophth. SOC. U.K. 89 : 589

Heath, W.E. (1960):

Buphthalmos over three generations
Br. J. ophthalmol. 44 : 696

Henderson, T. (1908):

The anatomy of the so-called ligamentum pectinatum iridis and its bearing on the physiology and pathology of the eye.
Trans. Ophthal. Soc. Uk. 28 : 47.

Henderson, T. (1921):

The cribriform ligament of the ciliary muscle. A demonstration of the comparative anatomy of the angle of the anterior chamber in man and monkeys
Trans. Ophthal. Soc. Uk. 41:465

- Hodapp, E., and Heuer, DK. (1986):**
A simple technique for goniotomy.
Am. J. Ophthalmol. 102:537.
- Hogan, M.J., Alvarado, J.A., and Wedell, J. (1971):**
Histology of the Human eye
W.B. Saunders. Philadelphia.
- Holland, M., Sallmann, L.V., and Collins, E.(1956):**
A study of the innervation of the chamber angle
Am. J. Ophthalmol. 42 : 148
- Holland, M., Sallmann, L.V., and Collins, E. (1957):**
A study of the innervation of the chamber angle II.
The origin of the trabecular axons revealed by
degeneration experiments.
Am. J. Ophthalmol. 44:206
- Homsy, M.B., and Chevrette, L. (1986):**
Incidence and prognosis of childhood glaucoma.
Ophthalmology 93 : 1323
- Hoskins, H., Hetherington, J., Shaffer, R. and Willing, A.M.(1981):**
Developmental glaucoma; Diagnosis and classification. In
Cairns. et al. Symposium of glaucoma P. 172
C.V. MOSBY Co.St. Louis.
- Hoskins, H. D.; Shaffer, R. N.; and Hetherington, J.(1984):**
Anatomical classification of the developmental glaucomas.
Arch. Ophthalmol. 102 : 1331
- Hoskins H.D., Hetherington, J., Magee, S.D., Naykhin, R., and Migliazzo, C.V.(1985):**
clinical experience with timolol in childhood glaucoma
Arch. Ophth . 103 : 1163
- Hoskins, H, Jr., and Kass, M.A. (1989):**
Becker - Shaffer's Diagnosis and therapy of the
glaucomas. Sixth Ed. ch.21 P.355 - 403 , ch.39
P.605-616
The C.V. MOSBY Co. St. Louis.
- Ibrahim, A.E.N., Wasfy, I.A., and Massoud, A.A. (1990):**
Congenital ocular anomalies in upper Egypt
Bull. Ophth. SOC. Egypt 83 : 299
- Iwamoto, T. (1964):**
Light and electron microscopy of the presumed
elastic components of the trabeculae and Scleral spur
of the human eye.
Invest. Ophthalmol . 3 : 144

- Iwamoto, T. (1967):**
Light and electron microscopy of Sondermann's channels of the human trabecular meshwork.
Graef's Arch. Ophthalmol 172 : 179.
- Jakobiec, F. A. (1982) :**
Ocular anatomy, embryology, and teratology
Harper and Row. Philadelphia, PP. 201 - 260
- Jay, M.R. and Rice, N.S.C. (1978):**
Genetic implications of congenital glaucoma
Metabol. Ophthalmol 2 : 257
- Jerndal T. (1968):**
Varieties of congenital glaucoma
Acta. Ophth . 46 : 153
- Jocson, V.L. (1975):**
Air trabeculotomy.
Am. J. Ophthalmol. 79:107 .
- Johnson, G.J., Corey, P.N., and Morin, J.D. (1971):**
Tonography in infants and children
Can. J. Ophthalmol, 6 : 24
- Katsushima, H., Toshiaki, K., Soma, K., Ohyanagi, K., and Nikawa, N.(1987):**
Primary congenital glaucoma in a patient with trisomy 2q and monosomy 9 p.-case report.
Arch. Ophth. 105 : 323.
- Kessing and Gregersen (1977):**
The distended disc in early stages of congenital glaucoma.
Acta. Ophth. 55 : 431
- Khodadoust, A. A., Zini, M. and Biggs, S.L (1968):**
Optic disc in normal newborn.
Am. J.Ophthalmol.66:502-504.
- Kiskis, A.A., Markowitz, S.N. and Morin, J.D. (1984):**
Corneal diameter and axial length in congenital glaucoma. Cited by Morin, J.D. in Glaucoma vol II p.751
Ed CAIRNS, J.E. - Grune & Stratton .
Harcourt Brace Jovanovich publishers, London.
- Kluyskens, J. (1950):**
Le glaucoma congenital.
Bull. Soc. Belge. Ophthalmol. 94 : 3 .
- Knepper, P.A., Beauchamp, G.r. and Lubeck, D. (1985):**
Glycoconjugates,cellular differentiation and congenital glaucoma.
J. ped. ophthalmol. Strab. 22 : 149

Kornblueth, W., Aladjemoff, L., Magora, F., and Gabby, A. (1959):

Influence of general anaesthesia on intraocular pressure in man.
Arch. Ophthalmol., 61:84 .

Korra, A., Abbas, S. El-Kashlan, K., Farghaly, I., Zeiden, A., and Mansoury, J.(1984):

Causes of visual impairment in primary school children.
Bull. Ophth. SOC. Egypt. 77 : 119

Krasnov, K.M. (1979):

Surgery in trabecular and intrascleral glaucomas.
Microsurgery of the glaucomas P. 98
The C.V. Mosby company. St. Louis . London.

Krieglstein, G.K. (1986):

Congenital glaucoma diagnosis and management.
Trans. Ophthalmol. Soc. UK. 105:549-52.

Kupfer, C., and Kupfer, M. I. K. (1979):

Observations on the development of the anterior chamber angle with reference to the pathogenesis of congenital glaucomas.
Am. J. Ophthalmol . 88 : 424.

Kupfer, M.I.K. (1989):

Neural crest origin of trabecular meshwork cells and other structures of the anterior chamber.
Am. J. Ophthalmol. 107 : 671

Kwitko, M.L. (1973):

Glaucoma in infants and children.
New York, Appleton-Century-Crofts.

Labib, M.A.M., Barrada, M.A, and Shoukry, I. (1962):

A contribution to the study of Buphthalmos with a comparative study of the different techniques employed in its treatment .
Bull. Ophth. SOC. Egypt. 55 : 53

Lamers, W. (1962):

The innervation of the corneoscleral trabeculae
Ophthalmologica 144 : 455

Leighton, D.A. and phillips, C.I. (1970) :

Infantile glaucoma, steroid testing in parents of affected children.
Br. J. Ophthalmol. 54 : 27 .

Lister, A. (1965):

Technique of goniotomy
Br. J. Ophth. 49 : 549

- Lister, A. (1966):**
The prognosis in congenital glaucoma.
Trans. Ophthalmol. Soc U.K. 85:5 .
- Litinsky, S.M., Shaffer, R.M., Hetherington, J., and Hoskins, H. D. (1977) :**
Operative complications of goniotomy.
Trans. Am. Acad.Ophthalmol. Otolaryngol. 83:78..
- Luntz, M.H., and Livingston, D.G. (1977):**
Trabeculotomy ab externo and trabeculectomy in congenital and adult-onset glaucoma.
Am. J. Ophthalmol. 83:174-9.
- Luntz, M.H. (1979):**
Congenital, infantile, and Juvenile glaucoma.
Ophthalmolgy. 86:793-802.
- Luntz, M.H. (1984):**
Congenital, infantile and juvenile glaucoma .
Glaucoma surgery P. 5-39
Williams & Wilkins Baltimore / London
- Lynn, J.R., and Berry, P.B. (1969):**
A new trabeculotome.
Am.J. Ophthal. 68:430 .
- Magora , F. and Collins,V.(1961):**
The influence of general anaesthesia on intraocular pressure in man.
Arch. Ophth. , 66:806.
- Mann, I. (1928):**
The Development of the human Eye.
Cambridge University press.
- Mann, I. (1955):**
The Development of the human Eye.
Cambridge University press.
- Mann, I. (1964):**
The Development of the Human Eye. The University Press, Cambridge, England
- Maselli, E., Sirellini, M., Pruneri, F., and Galantino, G. (1975):**
Diathermo trabeculotomy ab externo. A new technique for opening the canal of Schlemm.
Br.J .Ophthalmol. 59:516 .
- Maselli, E., Galantino, G., Pruneri, F., and Sirellini, M. (1977):**
Diathermo trabeculotomy ab externo: indications and long-term results.
Br.J .Ophthalmol. 61:675 .

- Maul, E.; Strozzi, L.; Munoz, C.; and Reyes, C. (1980):
The outflow pathway in congenital glaucoma.
Am. J. Ophthalmol. 89 : 667.
- Maumenee, A. E. (1959):
The pathogenesis of congenital glaucoma : A new theory.
Am. J. Ophthalmol. 47 : 827.
- Maumenee, A. E. (1962):
Further observations on the pathogenesis of congenital glaucoma.
Trans. Am. Ophthalmol. Soc. 60 : 140.
- Maumenee, A. E. (1963):
Further observations on the pathogenesis of congenital glaucoma.
Am. J. Ophthalmol. 55 : 1163.
- McMahon, C.D., Hetherington, J. and Hoskins, H.D. (1981):
Timolol and pediatric glaucomas.
Ophthalmology 88 : 249 .
- McMenamin, P.G. (1989):
Human fetal iridocorneal angle : a light and scanning electron microscopic study
Br. J. Ophth . 73 : 871
- McPherson, S.D. Jr. (1973):
Results of external trabeculotomy.
Am. J. Ophthalmol. 76:918-20.
- McPherson, S.D., Jr., and McFarland, D. (1980):
External trabeculotomy for developmental glaucoma.
Ophthalmology 87:302 .
- McPherson, S.D. Jr, and Berry D.P. (1983):
Goniotomy vs external trabeculotomy for developmental glaucoma.
AM. J. Ophthalmol. 95:427-431.
- Merin, S.; and Morin, D. (1972):
Heredity of congenital glaucoma.
Br. J. Ophthalmol. 56 : 414.
- Minckler, D.S., Mclean, I.W., and Tso, M.O.M. (1976):
Distribution of axonal and glial elements in the rhesus optic nerve head studied by electron microscopy
Am. J. ophthalmol. 82 : 179
- Moller, P. M. (1977):
Goniotomy and congenital glaucoma.
Acta Ophthal. (kbh.) 75:436 .

Morgan, K.S., Black, B., Ellis, F.D., and Helverston, E.M. (1981):

Treatment of congenital glaucoma.
Am. J. Ophthalmol. 92:799 .

Morin, J. D. and Merin, S. (1972):

Heredity of congenital glaucoma.
Br. J. Ophthalmol. 56:414-420.

Morin, J.D. , Merin , S., and Sheppard. R.W. (1974) :

Primary congenital glaucoma - A survey
Cand. J. Ophthalmol. 9 : 17

Morin, J.D. and Bryars, J. (1980):

Causes of loss of vision in congenital glaucoma.
Arch. Ophthalmol. 98:1575-1576.

Morin, J.D. and Coughlin, W.R. (1980):

Corneal changes in primary congenital glaucoma.
Trans. Am. Ophthal. Soc., LXXCVIII: 123-131.

Morin, J.D. (1986):

Primary congenital glaucoma-diagnosis and therapy-
Glaucoma vol II P. 731-764 Edited by J.E. CAIRNS.
Grune & Stratton. London. New york. Toronto.

Mortada, A. (1988):

Sublamellar corneal gaping edge cross keratotomy central
to tip of anterior chamber false angle in advanced
cases of buphthalmos
Bull. Ophth. SOC. Egypt. 81 : 129

**Mostafa, M.S.E., El-Din, A.A.S., Abbas, S. and El-Gammal
M.Y. (1973):**

Trabeculotomy and trabeculectomy
Bull. Ophth. SOC. Egypt 66 : 247

Musarella , M.A. and Morin, J.D. (1985):

Anterior segment and intraocular pressure measurements
of unanesthetized premature infant. Cited by Morin,
J.D. (1986) in Glaucoma. vol II p. 740 Ed. CAIRNS, J.E.
- Grune & Stratton .
Harcourt Brace Jovanovich publishers. London .

Quigley, H.A. (1977):

The Pathogenesis of reversible cupping in congenital
glaucoma.
Am.J. Ophth., 84, 358-70.

**Quigley, H.A. Robin A.L., Pallock, I.P., Maumenee, A.E., &
Maumenee, I.H. (1979):**

An Analysis of Visual acuity, visual Fields & disc
cupping in childhood glaucoma.
Am. J. Ophthalmol., 88,847.

Quigley, H.A. (1982):

Childhood glaucoma; results with trabeculotomy and study of reversible cupping.

Ophthalmolgy 89: 219- 226.

Radian, A.B., Batrinu, E., and Lupu, E.(1972):

Pneumohydrostatic device for goniotomy

Br. J. Ophth. 56 : 371

Radtke, N.D., and Cohen, B.F. (1974):

Intraocular pressure measurement in the newborn.

Am. J. Ophthalmol. 78:501 .

Richardson, K. T.; and Shaffer, R. N. (1966):

Optic nerve cupping in congenital glaucoma.

Am. J. Ophthalmol. 62 : 507.

Richardson, K.T., Ferguson, W.J., and Shaffer, R.N.(1967):

Long term functional results in infantile glaucoma.

Trans. Am. Acad. Ophthalmol and Otolarvngol 71 : 833

Richardson, K. T. (1968):

Optic cup symmetry in normal newborn infants.

Invest. Ophthalmol. 7 : 137.

Robertson, E.N. (1952):

Surgical treatment of congenital glaucoma.

Arch. Ophthalmol. 47 : 611

Robin, A.L., Quigley, H.A., pollack, I. P., & Maumenee, I. H.(1979):

An analysis of visual acuity, visual fields, and disc cupping in childhood glaucoma.

Am. J. Ophthalmol. 88:847-858.

Rochon-Duvigneaud, X. (1895):

Traitement du glaucoma.

Gaz. Hop., 72 : 746.

Rohen, J.W. (1963):

Experimental studies on the trabecular meshwork in primates

Arch. Ophthalmol . 69:335

Rothkoff, L., Blumenthal, M., and Biedner, B. (1979):

Trabeculotomy in late onset congenital glaucoma.

Br. J. Ophthalmol. 63:38 .

Salem, A. (1990):

Blindness in a school of blind, causes and prevention

Bull. Ophth. SOC. Egypt 83 : 637

Salzmann, M. (1912):

The anatomy and histology of the human eyeball.

Translated by Brown, E.V.L., University of Chicago press, Chicago p. 112.

Sampaolesi, R., Reca, R., and Carro, A. (1967):

Cited by kwitko ML. 1973 Glaucoma in infants and children P. 249

New york. Appleton - Century - Crafts

Sampaolesi (1974):

Cited by Hoskins et al 1981 Symposium in glaucoma Transaction of the new orleans academy of Ophthalmology. P. 172

The C.V. Mosby company. St. Louis , London.

Sampaolesi, R. and Argento, C. (1977):

Scanning electron microscopy of the trabecular meshwork in normal and glaucomatous eyes .

Invest . Ophthalmol . 16 : 302

Sampaolesi, R., Zarate, C.O. and Caruso, R. (1979):

Congenital glaucoma light and scanning electron microscopy of trabeculectomy specimens . In . int Glaucoma symp. Nara, Japan. 1978 : "Glaucoma Update" Eds. Krieglstein, G.K. and Leydhecker, W. pp. 39-52. Springer - Verlag - New york .

Sampaolesi, R., and Caruso, R. (1982):

Ocular echometry in the diagnosis of congenital glaucoma.

Arch. Ophthalmol. 100:574

Sattler, R. (1905):

Juvenile glaucoma

Trans . Am. Ophthalmol. SOC. 10 : 519

Scheie, H. (1949):

Goniotomy in the treatment of congenital glaucoma.

Arch. Ophthalmol. 42, 266

Scheie, H.G. (1950):

Goniotomy-a new filtering operation for glaucoma.

Arch. Ophthalmol. 44:761 .

Scheie, H.G. (1955):

Management of infantile glaucoma.

Arch. Ophthalmol. 62:35-54.

Seheie, H.G. (1955):

Congenital glaucoma: diagnosis, clinical course and treatment other than goniotomy.

Trans. Am. Acad. Ophthalmol. Otologyngol., 59:309 .

Scheie, H.G. (1961):

Goniotomy: An evaluation after eleven years.

Arch. Ophthalmol. 65:38 .

Scheie, H.G. (1963):

"Indication for surgery in glaucoma. infantile and Juvenile"
Trans. Am. Acad. ophthalmol. otolaryngol. 67 : 458

Scheie, H.G (1963):

Results of peripheral iridectomy with scleral cautery in congenital and Juvenile glaucoma.
Arch. Ophth. 69 : 47.

Schwalbe (1870):

Arch. Mikr. Anat., 6, 261 Quoted by Duke-Elder, S.
system of ophthalmology Vol.II Anatomy of the visual system.
Henry Kimpton - London (1964)

Scuderi, G., Balestrazzi, E., and Recupere, S.M. (1977):

Surgical problems in congenital glaucoma.
Bull. Ophth. SOC. Egypt. 70 : 47

Senft, S., Tomey, E.F., and Traverso, C.E. (1989):

Neodymium - YAG Laser goniotomy vs surgical goniotomy.
Arch. Ophth. 107 : 1773

Shaffer, R.N. (1959):

Goniotomy in congenital glaucoma.
Am.J. Ophthalmol., 47:90 .

Shaffer, R.N. (1965):

Genetics and the congenital glaucomas.
Am.J. Ophthalmol. 60:981-994.

Shaffer, R.N. (1967):

New concepts in infantile glaucoma.
Trans. Ophth. Soc. U.K., 87: 581.

Shaffer, R. N.; and Hetherington, J. (1969):

The glaucomatous disc in infants. A suggested hypothesis of disc cupping .
Trans. Am. Acad. Ophthalmol. Otolaryngol. 73 : 929.

Shaffer, R.N. and Weiss, D.I. (1970):

"Congenital and pediatric glaucomas"
C.V. MOSBY, St . Louis. p. 37

Shaffer, R.N. (1979):

Otto Barkan and the pathophysiology of primary congenital (infantil) glaucoma. In Int. Glaucoma symp. Nara, Japan, 1978: "Glaucoma Update". Eds. Krieglstein, G.K. and Leydhecker, W. pp. 53 - 56
Springer - Verlag. New york .

Shaffer, R.N., and Hoskins H.D. (1983):

Goniotomy in the treatment of isolated trabeculodysgenesis.
Trans. Ophthalmol. Soc. UK. 103:581-5.

- Smelser, G. K.; and Ozanics, V. (1971):**
The development of the trabecular meshwork in primate eyes.
Am. J. Ophthalmol. 71 : 366.
- Smith, R. (1960):**
A new technique for opening the canal of Schlemm.
Preliminary report.
Br. J. Ophthalmol. 44:370 .
- Smith, R.A. (1962):**
Nylon filament trabeculotomy in glaucoma.
Trans. Ophthalmol. Soc. U.K., 82:439 .
- Smith, R.J., (1974):**
Recent advances in the surgical treatment of glaucoma.
Br. J. Ophthalmol., 58:478, .
- Spencer, W. (1965):**
Congenital glaucoma. Ophthalmic pathology- an Atlas and text book P.525
W.B saunders company. Philadelphia- London
- Steward, D.J.(1965) :**
"Manual of pediatric anesthesia" 2nd Ed.
Churchill Livingstone New york .
- Strachan, I.M. (1967):**
A method of trabeculotomy with some preliminary results
Br. J. Ophth. 51 : 539
- Swan, K.C. (1965):**
Goniotomy, a modified lens and technique.
Arch. Ophthalmol., 47:231 .
- Taher, Z. (1962):**
The surgical treatment of infantile glaucoma
Bull. Ophth. SOC. Egypt. 55 : 25
- Tappouni, F. (1979):**
trabeculotomy and trabeculectomy in congenital glaucoma-proceedings of the XXIII international congress KYOTO 14-20 may 1978 vol 2P. 1522 Koichi shimizu.
Excerpta Medica. Amsterdam-Oxford.
- Tawara, A.; and Inomata, H. (1981):**
Developmental immaturity of the trabecular meshwork in congenital glaucoma.
Am. J. Ophthalmol. 92 : 508.
- Tawara, A.; and Inomata, H. (1984):**
Developmental immaturity of the trabecular meshwork in juvenile glaucoma.
Am. J. Ophthalmol. 98 : 82.

- Theobald, G. D. (1934):**
Schlemm's canal. Its anastomosis and anatomic relations.
Trans. Am. Ophthalmol. Soc. 32 : 574.
- Tripathi, R.C. (1968):**
Ultrastructure of Schlemm's canal in relation to aqueous outflow
Exp. Eye. Res. 7 : 335
- Tripathi, R. C. (1969):**
Ultrastructure of the exit pathway of the aqueous.
Trans. Ophthalmol. Soc. U. K. 89 : 449.
- Tripathi, R.C. (1974):**
Comparative physiology and anatomy of the aqueous outflow. In Davson, H., Graham, L.T. : " The EYE " vol. 5, ch. 3-p.163
Academic press. New York .
- Tripathi, R.C. (1977):**
The functional morphology of the outflow systems of ocular and cerebrospinal fluids.
Exp . Eye. Res. (suppl) 25 : 65
- Valu, L. (1970):**
Über die struktur des uvea - trabekel- systems.
Abhandlungen aus dem Gebiete der Augenheilkunde.
Sammlung von Monographien, Vol. 38. Thieme, Leipzig
- Valvo, A. (1968):**
Behavior patterns and visual rehabilitation after early and long-lasting blindness
Am. J. Ophthalmol 65 : 19
- Virchow, H. (1910):**
Graefe -Saemisch Handbuch der gesamten Augenheilkunde,
2 nd, ed., band 1 , abt . 1 , kap. 2, p.281
En gelmann , Leipzig .
- Von Ammon, A. (1847):**
Klin, Dorstellung der Krankheiten.
- Vrabec, F. (1954):**
L'inneration du system trabeculaire de l'angle
ophthalmologica 128 : 359
- Vrabec, F. (1961):**
The endothelium of the anterior chamber angle of the eye. In G.K. Smelser (Ed.), The Structure of the Eye.
Academic Press, New York, P. 311.
- Waardenburg, P.J., Franceschetti, A., and Klein, D. (1961):**
Genetics and Ophthalmology. Vol 1
Oxford, Black well p.578

- Walker, W.M., and Kanagasundaram, C.R. (1964):**
Surgery of the canal of Schlemm.
Trans. Ophthalmol. Soc. U.K., 84:427 .
- Walton, D.S. (1979):**
Primary congenital open angle glaucoma: a study of the anterior segment abnormalities.
Trans. Am. Ophthalmol. Soc. 77:746-68.
- Walton, D.S. (1986):**
Primary open angle congenital glaucoma. Chandler and Grant's GLAUCOMA. third Ed. P. 469-497
Lea & Febriquer Philadelphia.
- Waring, G.O., Rodriques, M.M., and Laibson P.R. (1975):**
Anterior chamber cleavage syndrome : A stepladder classification.
Surv. ophthalmol. 20 : 3 .
- Weiss, D. (1978):**
Congenital glaucomas. Glaucoma conceptions of a disease
P. 370
Georg Thieme publishers stuttgart.
- Werner, S. (1929):**
Zur kenntnis des erblichen Juvenilen Glaukoms.
Acta Ophthalmol (kbh), 7 : 162
- Westerlund, E. (1947):**
clinical and genetic studies on the primary glaucoma diseases. Cited by Francois, J. (1961): Hereditary in ophthalmology
The C.V. MOSBY St. Louis P. 233.
- Worst, J. (1964):**
The cause and treatment of congenital glaucoma.
Trans. Am. Acad. Ophthalmol. Otolaryngol. 68 :766
- Worst, J.G.F., (1964):**
Goniotomy.
Am. J. Ophthalmol., 57,185 .
- Worst, J.G.F. (1966):**
The pathogenesis of congenital glaucoma .
Springfield, III, Charles C Thomas .
- Worst, J. G. (1968):**
Electron microscopic observations of the development of Schlemm's canal in the human eye.
Trans, Am. Acad. Ophthalmol. Otolaryngol., 72:765 .

Yumita, A., Shirato, S., Yamamoto, T., and Kitazawa, Y. (1984):

Goniotomy with Q-switched ND-YAG laser in juvenile developmental glaucoma: A preliminary report.
Jpn. J. Ophthalmol. 28:349 .

Zimmerman, T.J. (1977):

A beta adrenergic blocking agent for the treatment of glaucoma.
Arch. ophthalmol. 95 : 601

Zimmerman, T.J., Baumann, J.D. and Hetherington, J. (1983):

Side effects of timolol .
Surv . Ophthalmol 28 : 243

Zimmerman, T.J. , Kooner, K.S., and Morgan, K.S. (1983):

Safety and efficacy of timolol in pediatric glaucoma.
Surv. Ophthalmol 28 : 262