

REFERENCES

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- Abdel-Naser, A.H.; El-Baroudy, R. and Shafik, M.A.(1987):**
Incidence of congenital heart anomalies with PDA.
Thesis of M.Sc. in Pediatric Cardiology, Egypt, p. : 52 - 60.
- Ainger, L.E. (1966):**
Cardiovascular lesions in rubella syndrome. J. Pediatrics,
68 : 829.
- Allan, F.D. (1955):**
The innervation of the human ductus arteriosus . Anat.
Rec., 122 : 611.
- Allen, H.D.; Sahn, D.J. and Goldberg, S.J. (1978):**
New serial contrast technique for assessment of left to
right shunting patent ductus arteriosus in the neonate.
Am.J. Cardiol. 41 : 288.
- Allen, A.C; Stenson, D.A.; and MacDonald, H.M.,(1975) :**
Pulmonary blood flow in lambs with hyaline membrane
disease. Pediatr. Res., 19 : 393.
- Alpert,B.S.; Lewins, M.J. ; and Rowland.; D.W. (1979):**
Plasma indomethacin levels in preterm new born infants
with symptomatic patent ductus arteriosus. J. Pediatr. 95 :
578.

Alpert, B.S.; and Victor Moore, H. (1985):

Pulmonary valve with ASD and PDA. *Ped. Cardiol.*

6 : 107-112.

Anabtawi, I.N.; Ellison, R.G. and Ellison, L.T. (1965):

Natural history of pulmonary hypertension in surgically treated patent ductus arteriosus. *Circulation* 31 Suppl. 1 :

61.

Anderson, R.C.; Adams, P.; Jr. and Varco, R.L. (1956):

Patent ductus arteriosus with reversal of flow. Clinical study of ten children. *Pediatrics*, 18 : 410.

Ash, R. and Fischer, D. (1955):

Manifestations and results of treatment of patent ductus arteriosus in infancy and childhood. An analysis of 138 cases. *Pediatrics*, 16: 695.

Avery, M.E. and Taeusch, H.W. (1984):

Patent Ductus Arteriosus . *Textbook of Schaffer's Disease of the New-born* (fifth ed.), W.B. Saunders Company, Philadelphia, London, Chapt. : 27 , p. 278-281.

Avery, M.E and Taeusch, H.W. (1984):

Congenital malformation of the genitourinary tract. *Textbook of Schaffer's Diseases of the newborn* (fifth ed.), Chapt. : 45, p.:414.

**Azevedo, A. ; Neto, M.B.; Garcia, A.; and Carvalho, A.A.
DE.(1953):**

DE: Patent ductus arteriosus and congenital mitral stenosis. Amer. Heart J., 45 : 195.

Patau, K.; Smith , D.W.; Therman, E., Z.; Inhorn, S.L.; and Wagenr, H.P. (1960):

Multiple congenital anomalies caused by an extrachromosome. Lancet, 1 : 790.

Baylen, B.G.; Meyer, R.A. and Kaphan, S. (1975):

The critically ill premature infant with patent ductus arteriosus and pulmonary disease, an echocardiographic assessment. J. Pediatrics, 86 : 423.

Baylen, B.G.; Meyer, R.A. and Korfhagen, J. (1977):

Left ventricular performance in the critically ill premature infant with patent ductus arteriosus and pulmonary disease : Circulation, 55 : 182.

Behrman, E.R.; Vaughan, C.V. and Nelson, W.E. (1983):

Nelson; Textbook of pediatrics . Philadelphia: W.B. Saunders Company (12th edit).

Bell, E.F.; Warbvrton, D.; and Stonestreet, B.S., (1980):

Effect of fluid administration on the development of symptomatic patent ductus arteriosus and congestive heart failure in preterm infants. N.Engl. J. Med. 302: 598-604.

Benn, J. (1947):

The prognosis of patent ductus arteriosus. Brit. Heart J. 9 : 283.

Berlind, S.; Bojs,G.; and Korsgren, M. (1967):

Severe pulmonary hypertension accompanying patent ductus arteriosus. Am. Heart J. 73 : 460.

Bhat, R.; Vidyasagar, D.; and Fisher, E., (1980):

Pharmacokinetics of oral and intravenous indomethacin in preterm infants. Dev. Pharmacol. Ther. 1 : 101.

Bianchetti, G.; Monin, P. and Marchal, F. (1980):

Pharmacokinetics of indomethacin in the preterm infants. Dev. Pharmacol. Ther. 1 :111.

Bickford, B.J. (1960):

Surgical aspects of patent ductus arterioisus. A review of 228 cases. Arch. Dis. Child. 35: 92.

Blalock, A. (1946):

Operative closure of the patent ductus arteriosus. Surg. Gynecol. Obstet., 82 : 113.

Bodemer, W.C. (1970):

Modern Embryology, p: 316.

Boostra, P.W.; Talsma, M. and Ebels,I. (1992):

Interruption of the aortic arch, distal aortopulmonary window, PDA and aortic origin of the right pulmonary artery in a neonate. CP, Netherlands, International Journal of Cardiology, Jan. 34 (1),p. : 108-110.

Brash, A.R.; Hickey, D.E.; Graham, T.P.; et al., (1982):

Pharmacokinetics of indomethacin in the neonate: Relation of plasma indomethacin levels to response of the ductus arteriosus. *N. Engl. J. Med.* 305 : 67-72.

Burch, G.E.; and De Pasquale, N.P. (1967):

Electrocardiography in the diagnosis of congenital heart disease. Philadelphia , Lea and Febiger.

Burchell, H.B. (1978):

Variations in the clinical and pathologic of patent ductus arteriosus. *Ped. Clin. N. Amer.* 32 : 911.

Burman. D. (1961):

Familial patent ductus arteriosus. *Brit. Heart. J.* 23 : 603.

Calne , D.B.; and Raftery, E.B., (1966):

Patent ductus arteriosus in an elderly man. *Brit. Heart. J.* 28 : 716.

Campbell, M. (1955):

Patent ductus arteriosus. Some notes on prognosis and on pulmonary hypertension. *Brit. Heart. J.* 17:511.

Campbell, M. (1961):

Place of maternal rubella in the aetiology of congenital heart disease. *Brit., Med. J.*: 691.

Campbell, P.E. (1965):

Vascular abnormalities following maternal rubella. *Brit. Heart J.*, 27 : 134.

Campbell, D.C.; Hood, R.C.; Dooley, B.N. (1967):

Patent ductus arteriosus review of literature and experience with surgical corrections. Brit. Med. J. : 87 : 415.

Campbell, M. (1968):

Natural history of patent ductus arteriosus. Brit. Heart J. 30 : 4.

Cassels, D.E. (1973):

Historical of PDA. Textbook of Ductus Arteriosus, (1st ed.) By Thomas , C.C. Bannerstone Company, Spring fields, illinois,U.S.A., Chap. III, p.: 13-25.

Cassels,D.E.(1973) :

Ductus arteriosus. (1st ed.) by Thomas, C.C.; Bannerstone Company, Spring Field, Illinois, U.S.A.; Chap. X, p. : 12 : 120-180.

Cassels, D.E. (1973):

Classification of PDA and Differential Diagnosis of PDA. Textbook of Ductus Arteriosus. p.122-124.

Cassels, D.E. (1973):

Electrocardiography in patent ductus arteriosus. Textbook of Ductus Arteriosus. (1st ed.) Chap.: X, p .124-142.

Cassels, D.E. (1973):

Miscellaneous pathology with patent ductus arteriosus Chapt. : 14,p.: 234-236.

Cassin, S.; Dawes, G.S.; Mott, J.C.; Ross, B.B.; and Strang, L.B. , (1964):

The vascular resistance of the foetal and newly ventilated lung of the lamb. *J. Physiol. (London)*, 171 : 61.

Castiglioni, A. (1947):

A history of medicine (PDA). New York, Alfred A. Knopf, Inc.

Challis, J.R.G.; Dilley, S.R.; and Robinson, J.S., (1976):

Prostaglandins in the circulation of the foetal lamb. *Circulation, Prostaglandin* 11 : 1041.

Christensen, N.C.; and Fabricus, J. (1975):

Medical manipulation of the ductus arteriosus. *Lancet* 2 : 406.

Christie, A. (1930):

Normal closing time of foramen ovale and ductus arteriosus , anatomic and statistical study. *Amer.J. Dis. Child.* 40 : 323.

Cifuentes, R.F.; Olley, P.M.; and Balfe, J.W., (1979):

Indomethacin and renal function in premature infants with patent ductus arteriosus. *J. Pediat.* 95 : 583.

Clarkson, P.M.; Frye, R.L.; Du Shane, J.W.; Wood, E.H. and Weldman, W.H. (1967):

Prognosis in pateints with ventricular septaldefect and severe pulmonary vascular disease. (Abstract). The Society for Pediatric Research, 37th annual meeting, Atlantic City, N.J., p. 9.

Cleland, W.P.; Beard, A.T.W.; Bentall, H.H.; Bishop, M.B.; Briambridge, M.V.; Bromley, L.L.; Goodwin, J.F.; Hoolman, A.; Kerr, W.F.; Lloyd-Jones; E.B.; Melrose. D.G.; and Tellvuo, L.J. (1958):

The treatment of ventricular septal defect. Brit. Med. J. 2 : 1369.

Clyman, R.I. (1978):

Developmental responses to oxygen, arachidonic acid and indomethacin in the foetal lamb ductus arteriosus in vitro. Prostaglandins and Medicine 1 : 167.

Clyman, R.I.; Heymann, M.A., (1981):

Pharmacology of the ductus arteriosus. Ped. Clinic. of North Am. 28: 89.

Clyman R.I.; Hymann, M.A.; and Rudolph, A.M. (1977):

Ductus arteriosus responses to PGE₁, at high and low oxygen concentrations. Prostaglandins. 13 : 219.

Clyman, R.I.; Maury,F.; and Roman, C., (1978):

PGE₂ is a more potent vasodilator of the lamb ductus arteriosus than either PGE₁ alpha prostaglandins. 16: 259.

Coceani, F.; Bishal, I.; and White, E. , (1978):

Actions of prostaglandins, endoperoxides and thromboxanes on the lamb ductus arteriosus. Am.J. Physiol. 234 : H117.

Coceani, F. and Olley, P.M. (1983):

Prostaglandins and ductus arteriosus . Ped. Cardiol. 4
Suppl. II : 33-37.

Coe, J.Y.; Silvo, E.D., (1979):

Oral PGE₂ in pulmonary atresia. Lancet 1 : 1297.

Coggin, C.J.; Parker, K.E. and Keith, J.D. (1970):

Natural history of isolated patent ductus arteriosus and
the effect of surgical correction, twenty years' s
experience at the Hospital for Sick Children, Toronto,
Canad. Med. Assoc. J. 102:1.

Cole, A.P. and Salama, F.D., (1975):

Aortic valve stenosis and PDA. Scand. J. Thorax cardiovasc.
- Surg, 9 (3), 197 - 9.

**Cole, R.B.; Lawson, E.; Newferd, E.A.; Paul, M.H.; Bharatis
and Lev., M., (1977):**

The atrial septal defect - PDA complex. Am.J. Dis. Child
131 (3), 281-5.

Coleman, P.N.; Edmunds, A.W., and Tregillus, J. (1959):

Primary pulmonary hypertension in three sibs. Brit. Heart
J., 12:81.

**Cook, C.D.; Drinker, P.A.; Jacobson, H.N.; Levison, H.; and
Strang, L.B., (1963):**

Control of pulmonary blood flow in the foetal and newborn
lamb. J. Physiol. (London), 169 : 10.

Cosh, J.A. (1957):

Patent ductus arteriosus. A follow up study of 73 cases.
Brit. Heart J., 19 : 13.

Cruickshank, B. and Marquis, R.M. (1958):

Spontaneous aneurysm of the ductus arteriosus A review
and report of the tenth adult case. Amer.J. Med. 25 : 140.

**Cruze, K.; Elliott, L.P.; Schiebler, Y. L. and Wheat, M.W.
(1963):**

Unusual manifestations of patent ductus arteriosus in
infancy. Dis. Chest. 43 : 569.

Cuschieri, A.; Giles, G.R. and Moosa, A.R. (1988):

Diagnosis of patent ductus arteriosus, Textbook of
Essential Surgical Practice, (2nd ed.), Chap. 45,p. : 649.

Currarino, G and Jackson, J.H. Jr. (1970):

Calcification of the ductus arteriosus and ligamentum
Botalli, Radiology. 94 :139.

Dailey, F.H.; Genovese, P.D. and Behnke, R.H., (1962):

Patent ductus arteriosus with reversal of flow in adults.
Annual International Meeting (London), 56 : 865.

Danilowicz, D.; Rudolph, A.M. and Hoffman, J.I.E. (1966):

Delayed closure of the ductus arteriosus in premature
infants. Pediat. 37 : 64.

Dawes, G.S. (1965):

The circulation, respiration and general metabolism of the
newborn. Recent Advances in pediatrics (3rd edti.), p.1.
London.

Di-Segni, E.; Bakst, A.; David, D. and Kaplinsky, E. (1988):

Subcostal cross-sectional echocardiographic imaging of patent ductus arteriosus. *Pediatric cardiology*, 9 (1), p:25-28

Donzelot, E. and D'Allaines, F (1954):

(Transmitted from Cassels, 1973, p. : 60).

Traité des cardiopathies congénitales, Masson & C.e Paris.

Donzelot, E. ;and Heim de Balsac, R.(1948):

(Transmitted from Cassels, 1973, p. : 240).

Essai de détermination radiologique de la longueur du ligament et du canal artériel. *Acta. Cardiol*, 3 : 212.

Dresdale,D.T.; Schultz, M.; and Michtom R.J. (1951):

Primary pulmonary hypertension. Clinical and haemodynamic study. *Amer. J. Med.* 11 : 686.

25-28.

Edwards, J.E. (1957):

Functional pathology of the pulmonary vascular tree in congenital cardiac disease. *Circulation*, 15 : 164.

Edwards, J.E.; Carey, L.S.; Neufeld, H.N. and Lester, R.G. (1965):

Congenital heart disease. Philadelphia : W.B. Saunders Company, Vol. I and II.

Ekstrom, G. (1952):

The surgical treatment of patent ductus arteriosus. A clinical study of 290 cases. *Acta, Chir. Scand.*, Supp. 169.

Eldridge, R. (1964):

Coaraction in the Marfan's syndrome .Arch. Intern. Med.,
113: 342.

**Elliott, L.P.; Ernst, R.W.; Anderson, R.C.; Lillehei, C.W. and
Adams, P.; Jr., (1962):**

Silent patent ductus arteriosus in association with
ventricular septal defect. Amer. J. Cardiol., 10 : 475.

Elliott, R.B.; Starling, M.B. and Neutze, J.M., (1975):

Medical manipulation of the ductus arteriosus. Lancet 1 :
140.

Ellison, R.C.; Peckham, G.J. and Lang, P. (1983):

Evaluation of the preterm infant for ductus arteriosus .
Pediatrics, 71: 364.

El-Sayed, H.; Hamed, M.A.; Basta, L.; and El-Din H.E.,(1971):

Diagnosis and surgical treatment of 73 cases of patent
ductus artriosus. Ain Shams Medical Journal, Vol.22 . No.4,
p. : 469-4877, July.

**Emmanouillides, G.C.; Linde, L.M .; and Crittenden, I.H.
(1964):**

Pulmonary artery stenosis associated with patent ductus
arteriosus following maternal rubella. Circulation, 29:514.

Eriksen, N.L.; Buttino, L. Jr. and Juberg, R.C. (1989):

Congenital pulmonary atresia with intact ventricular
septum, tricuspid insufficiency and patent ductus
arteriosus in two sibs. Amer.Journal of Medical genetics.
32(2), p. 187-8. Feb.1989.

Espino-Vela, J.; Cardenas, N. and Cruz, R. (1968):

Patent ductus arteriosus with special reference to patients with pulmonary hypertension. *Circulation, Suppl.*, V., 45.

Evans, P.R. (1950):

Cardiac anomalies in Mongolism, *Brit. Heart Journal*, 12:258.

Feldt, R.H.; Stickler, G.S. and Weidman, W.H. (1969):

Growth of children with congenital heart disease. *Am.J. Dis. Child*, 117:573.

Fernandes, R.; Bjorkhem, G. and Lundstrom, W.R. (1980):

Echocardiographic estimation of pulmonary artery pressure in infants and children with congenital heart disease. *Eur.J. Cardiol.* 11 : 473.

Friedberg, C.K., (1966):

Diseases of heart, W.B. Saunders Co. Philadelphia and London, Vol. II.

Friedman, W.F.; Hirschlam, M.J.; Printz; M.P.; Pitlick, P.T. and Kirkpatrick, S.E., (1976):

Pharmacologic closure of the patent ductus arteriosus in the premature infants. *N.Eng. J. Med.* 295: 526.

Friedman, W.F.; Lesh, N. and Sonenblick, E.D. (1973):

Neonatal Heart Diseases. New York, Grunc and Statton, Inc.

Gahagan, J.,; Lam, C.R. and Drake, E.H. (1964):

Patent ductus arteriosus simulating aortic valve regurgitation. New England. journal Medicine, 271: 463.

Galen (1884):

Opera Omnia I.V. : 243. Kuhn Edition. Translation from Dalton, J.C.: Doctrines of the circulation, Philadelphia, Lea's Son Company, p. : 68.

Gibson, G.A. (1900):

Persistence of the arterial duct and its diagnosis. Edinburgh Med.J., 8:1.

Gibson,S.; and Lewis , K.E. (1952):

Congenital heart disease following maternal rubella during pregnancy. Amer.J. Dis. Child. 83 : 317.

Gilchrist, A.R. (1948):

Patent ductus arteriosus. Brit. Heart. J. 10: 75

Goldberg, S.J. ; Allen, H.D.; Marx, G.R. and Flinn, C.J.(1985):

Clinical application of Doppler echocardiography to flow measurements. Textbook of Doppler Echocardiography (1st ed.), Lea and Febiger Company, Philadelphia, U.S.A., Chapt.: 6,p.: 92-112.

Gold, J.P. and Cohn, L.H. (1986):

Operative management of the calcified patent ductus arteriosus. Ann. Thorac. Surg.41:567.

Goodwin, J.F. and Fairly, G.H. (1959):

Patent ductus arteriosus.Brit .J. Dis. Chest, 53, 263.

- Gotsman, M.S. ; Astley, R.; and Parasons,C. (1965):**
Patent ductus arteriosus. Birt. Heart Journal, 27,304.
- Graham, G.; and Rossi, E., (1980):**
Heart Diseases in infants and children. London Arnold.
- Gray,I.R. (1956):**
Parodoxical splitting of the second heart sound. Brit.Heart J. 18:21.
- Gray, W.S.; and Skandalakis, E.J., (1972):**
Embryology for surgeons.Philadelphia : W.B. Saunders Company.
- Gregg, N.M. (1941):**
Congenital cataract following german measles in the mother. Trans. Ophthal. Soc. Aust. 3: 35.
- Gregory, G.A.; Kitterman, J.A.; Phillbs, R.H., Tooley,W.H., and Hamilton, W.K: (1971):**
Treatment of the idiopathic respiratory distress syndrome with continuous positive airway pressure. New England.J. Med., 284, 1971.
- Grossman, W. (1980):**
Patent ductus arteriosus. A textbook of cardiac catheterizationand angiocardiology, (2nd ed.) Lea and Febiger Comapny, Philadelphia, U.S.A, Chapt. 28, Page : 377-400.

Gross, R.E. and Hubbard, J.P. (1939):

Surgical ligation of a patent ductus arteriosus. JAMA, 112 : 729.

Gross, R.E. (1943):

Surgical therapy for the patent ductus arteriosus. New York Journal Med., 43:1856.

Gross, R.E. and Langino, L.A. (1951):

The patent ductus arteriosus. Observations from 412. Surgically treated cases. Circulation, 3:125.

Gross, R.E. (1952):

Patent ductus arteriosus observations on diagnosis and therapy in 525 surgically treatment cases. Amer. J. Med., 12 : 472.

Hamed, M.A; and El-Sayed, H., (1970):

Endocardial fibroelastosis, mitral incompetence and patent ductus arteriosus. Ain-Shams Medical Journal, Vol. 21, No.4, p. 339-348., July.

Hamed, M.A. and Talaat, A., (1974):

Atypical patent ductus arteriosus. The Bulletin of Egyptian Society of Cardiology, Vol. No. XII. p. 53, Oct.

Hamilto, W.J. and Mossman,H.W. (1971):

Human embeyrology.

Hammeram, C.; Eidelman,A.I., and Gartner,L.M. (1979):

Hypocalcaemia and the PDA. J. Pediat., 94 : 961-963.

Hara, M.; Dungan,W.T., Lincoln, B. M. and McCutcheon, F.B. (1962):

Patent ductus arteriosus in early infancy.Surgery, 52: 396

Harvery, William, (1941):

(Translated by Chauncey Leake) Anatomical studies on the motion of the heart and blood, (3rd ed.), spring field, Thomas.

Heiner, D.C. and Nadas, A.S. (1958):

Patent ductus arteriosus in association with pulmonic stenosis. Areport of six cases. Circulation, 17 : 232.

Heymann, M.A.; and Rudolph, A.M. (1972):

Effect of C.H.D. on foetal and neonatal circultins. Prog. Cardiovasc. Dis., 15 :115.

Heymann, M.A.; Rudolph, A.M. and Silverman, N.H. (1976):

Closure of the ductus arteriosus in premature infants by inhibition of PG synthesis. New England. J.Med., 295:530

Heymann, M.A. and Rudolph, A.M. (1977):

Ductus arteriosus dilatation by PGE₁ in infants with pulmonary atresia. Pediat., 59: 325.

Heymann, M.A.; Berman, W.; Rudolph, A.M. and Whiteman, V. (1979):

Dilatation of the ductus arteriosus by prostaglandin E₁ in aortic arch abnormalities. Circulation. 59 : 169-173.

Higgins, G.L. (1958):

Patent ductus arteriosus with ventricular septal defect Brit. Heart J. 20 : 421.

Higgins, C.G.; Disessa, R.; and Kirkpatrick, S.E. (1980):

Assessment of patent ductus arteriosus in preterm, infants by single lateral film aortography, *Radiology*, 35 : 641.

Houston, A.B.; Gnanaprogosam, J.P.; Lim, M.K.; Dolg, W.B. and Coleman, E.N. (1991):

Doppler ultrasound and the silent ductus arteriosus. *British Heart Journal*, Feb., 65(2), p. : 97-99.

Hubbard, T.F. and Neis, D.D. (1960):

The sounds at the base of the heart in cases of PDA. *Amer. Heart J.*, 59 : 807.

Ivey, H.H.; Kattwinkel; Park, T. S. and Krovetz, L.S. (1979):

Failure of indomethacin to close persistent ductus arteriosus in infants weighing under 1000 grams. *Brit. Heart J.*, 41: 304-307.

Jacob, J.; Gluck, L. and Disessa, T., (1980):

The contribution of PDA in the neonate with severe respiratory distress syndrome. *Pediat. J.*, 76

James, L.S.; and Rowe, R.D., (1957):

The pattern of response of pulmonary and systemic arterial pressure in the newborn and older infants to short periods of hypoxia. *Pediatr. J.*, 51,5.

Jelger, W.; Karn, G. and Stern, L. (1968):

Operative treatment of patent ductus arteriosus complicating respiratory distress syndrome of the premature. *Can. Med. Assoc. J.*, 98 : 105.

Jones, J.C. (1965)):

Twenty-five years experience with the surgery of patent ductus arteriosus. J. Thorax cardiovasc. Surg. 50 : 149.

Jordon, S.C.; and Scott, O., (1973):

Heart diseases in pediatrics, London :Butterworth and Co. (Ird ed.).

Kaiser, G.C., King, R.D.; King, H. and Shumacker, H.B., Jr. (1964):

Patent ductus arteriosus . Acta. Chir. Scand, 128: 233.

Keith, J.D.; Rowe, R.D. and Vald, P. (1967):

Heart Disease in Infancy and Childhood. New York, MacMillan Company.

Keith, J.D.; Rowe, R.D.' and Vlad, P., (1978):

Surgical treatment of patent ductus arteriosus. A textbook of Heart Disease in Infancy and Chilren (3rd ed.), by MacMillan publishing company, London,Chap. : 24, p : 443-451.

Keith , J.D.; Rowe, R.D.; and Vlad, P., (1978):

Herditary disorders and syndomes in congenital heart diseases. Chapt. I.p. 10-12.

Keith, J.D.; Rowe, R.D.; and Vlad, P., (1978):

Familial occurrence of congenital heart diseases. Chap. :9, p. 156-158.

Keith, J.D.; Rowe, R.D. and Vlad, P. (1978):

Patent ductus arteriosus. A text book of heart disease in infancy and children (3rd ed.), by MacMillan Publishing Company, London, Chap. : 24, p. 418 : 452.

Kelseg, J.R.; Tr. Gilmore, C.E.; and Edwards, J.E. , (1953):

Bilateral ductus arteriosus representing persistence of each sixth aortic arch. Arch. Pathology , 55 : 154-161.

Kimball, K.G.; and McIlray, M.B., (1966):

Pulmonary hypertension in patients with congenital heart disease. Pre and post-operative hemodynamics, pulmonary function and criteria for surgical closure of defects. Am.J. Med., 41 : 883.

Kirby, M.L.; and Bockman,A. E., (1984):

Neural crest and normal development, a new perspective. Anat. Rec. 1984, 209, 1-6.

Kjellberg, S.R.; Mannheimer,E.; Rudlhe, V. and Jonsson, B., (1955):

Diagnosis of congenital heart disease, p. 428.

Knight, D.H.; Patterson,D.F.; and Melbin,J., (1973):

Constriction of the foetal ductus arteriosus induced by oxygen, acetylcholine and epinephrine in normal dogs and those genetically predisposed to persistent patency Circulation, 47 : 127.

Kramer, T.C.,(1942):

The partitioning of the truncus and conus and the formation of the membranous portion of interventricular septum in the human heart. *Am.J. Anat.*, 71 : 343-370.

Krovetz, L.J. and Warden, H.E., (1962):

PDA. An analysis of 515 surgically proved cases. *Dis. Chest.* 42 : 46.

Krovetz, L.J.; Lester, R.C. and Warden, H.E. (1962):

The diagnosis of patent ductus arteriosus in infancy. *Dis. Chest.* 42 : 241.

Kubota, M.; Osuka, Y., Hohjo, Y and Kinura, S. (1992):

Diagnosis and surgical treatment of five of triple shunt. (ASD + VSD + PDA) *Surgery - Today Journal, Japan*, 22 (1), p. 83-7.

Kutsche, L.M.; and Van Mierop, L.H.S. (1987):

Anatomy and pathogenesis of Aortopulmonary septal defect. *Am. J. Cardiol*, Volume, 59, p. 443-447.

Leape, L.L.; Ching, N. and Holder, J.M. (1970):

Lobar emphysema and patent ductus arteriosus. *Pediatrics*, 46 : 97.

Lee, C.C.; Wu, Y.C. and Lin, F.C. (1991):

Familial patent ductus arteriosus. *Taiwan Company, Medical Journal*, Mar., 14, (1), p. : 50-3.

Lenox, C.C.; Neches, W.H. and Zuber Buhler, J.R. (1978):

Bilateral ductus arteriosus in Transposition of Great Vessels with right aortic arch. *Chest*, 74 : 94.

Levin, D.L, Mills, L.J. and Weinberg, A.G. (1979):

Pulmonaryvascular and myocardial abnormalities secondary to physiologic constriction of foetal ductus arteriosus. *Circulation*. 60 : 360-364.

Lewis, ,A.B.; Takahashi,M. and Lurie, P.R., (1978):

Administration of PgE1 in neonates with critical congenital cardiac defects. *Pediat. J.* 93 : 481.

Liao, P.K.; Su, W.J. and Hung, J.S. (1988):

Doppler echocardiographic flow characteristics of isolated patent ductus arteriosus, better delineation by Doppler color flow mapping. *Journal of the American College of Cardiology*, Nov. 12 (5), p. : 1285-1291.

Loggie, J.M.H.; Keleinman,L.T.; and Van Mannen, E.F., (1975):

Renal function and diuretic therapy in infants and children. *Pediat.J.* 86 : 485-496.

Linde, L.M.; and Adams, F.H. (1959):

Mitral insufficiency and pulmonary hypertension accompanying PDA. *Amer.J. Cardiol.* 3 :740.

Lund, J.T.; Hansen, D.,; Brocks, V.; Jensen, M.B.and Jacobsen, J.R. (1992):

Aneurysm of the ductus arteriosus in the neonates. *U.S.A. , Pediatric cardiology, Journal* , Oct. 13 (4),p. : 222-226.

Magdi, A.; Hamed, M.A.; Sadek, E.; Bader, M.; Helmi, F.; Abdulla.; and El-Koshairy, A., (1988):

Surgical closure of normal and abnormal patent ductus arteriosus. At Maadi Armed Hospital. The Egyptian society of cardiology, 15th. Annual Meeting. February.

Maher, A.M.; Hamed, M.A.; Eissa, A.M.; and Shafik, M.A., (1991):

Natural history of atrioventricular canal defects. Thesis of M.D. in pediatric cardiology, Faculty of Medicine, Al-Azhar University, Egypt, P.: 101-229.

Mancini, R.M. (1951):

A study of the angle formed by the ductus arteriosus with the descending aorta. Anat. Curv. 109 : 535-539.

Marquis, R.M., (1968):

Persistence of the ductus arteriosus. Pediatric cardiology, p.: 242.

Markowitz, R.I., Fahey, J.T.; Hellenbrand, W.E.; Koph, G.S. and Rothstein, P., (1985):

Pulmonary atresia and PDA . Am. Journal. Radiology, 144 (3), 535 -40.

McCarthy, J.S.; Zels, L.G. and Geland, H., (1978):

Age dependant closure of PDA by indomethacin. Pediatrics, 62 : 706.

Menahem,S. (1991):

Administration of prostaglandin inhibitors to the mother, the potential risk to the foetus and neonates with duct - dependent circulation.

Australia, Journal of reproduction fertility and development, 3(4), p : 489-494.

Mierop, L.H.S.; Alley,R.D.; Kausel, H.W.and Strainaham., (1963):

Embryology of the ventricles and great arteries. Am.J. Cardiol., 12 : 216.

Miller,S.W., (1984):

Cardiac angiography in patent ductus arteriosus. A textbook of cardiac angiography, (1st ed.), Little and Brown Company, Boston/Toronto, U.S.A., p: 339-411.

Mirowski, M.; Arevalo, F.; Medrano, G.A.; and Cisneros, F.A., (1962):

Conduction disturbance in patent ductus arteriosus. A study of 200 cases before and after surgery with determination of the PR index.Circulation 25 : 807.

Mitchell, S.C. (1957):

The ductus arteriosus in the neonatal period. Pediatrics Journal, 51 : 12.

Mohony,L.; Carhero, V.; Heyman,M.A. and Clyman, A.I. (1982):

Prophylactic indomethacin in very low birth weight infants. New England Journal Med., 306 : 506.

Morrison, R.W.; and Edwards, J.E (1950):

Subaortic stenosis. Report of two cases, one associated with PDA, the other complicated by bacterial endocarditis. Am.J. Cardiol., 31 : 73.

Moss, A.J.; Emmanouilides, G.; Adams, F.H. and Chuang, K., (1964):

Response of the ductus arteriosus and pulmonary and systemic arterial pressure to changes in oxygen environment in newborn infants. Pediatrics, 33 : 937.

Moss, A.J.; Emmanouilides, G.; and Duffie, E.R. Jr., (1963):

Closure of the ductus arteriosus in newborn infants. Pediatrics, 32 : 25.

Moss, J.A. and Adams, H.F. (1968):

Heart disease in infants, children and adolescents, p : 6.

Mustard, W.T.; Kaultch, M.M.; Snyder, W.H.; Helch, K.J. and Benson, C.D. (1972):

Patent ductus arteriosus. A Textbook of Pediatrics Surgery,(2nd ed.), by year book Medical publishers, U.S.A., Chap. : 36, p.: 516-522.

Mustard, WT., (1951):

Suture ligation of the patent ductus arteriosus in infancy.Can. Med. Assoc. J., 64 : 243.

Mustard, WT., (1955):

Suture ligation of PDA and Mortality in congenital cardiovascular surgery. Can. Med.Assoc. J., 72: 740.

Nadas, A.S., (1982):

Prostaglandins and patent ductus arteriosus. Year Book of cardiology . Chicago : Year Book Medical Publishers, 2220-250.

Nadas, A.S., (1980):

Prostaglandins and patent ductus arteriosus. Year Book of Cardiology. Chicago :Year Book Medical Publisher, 240-260.

Nadas, A.S.; Rudolph, A.M.; and Hoffman, J.I.E. ,(1960):

Pulmonary hypertension in children with systemic - pulmonary communications. Circulation, 20 : 644.

Naeye, R.L., (1963):

Arteriosclerosis in CHD : Pathogenesis of early pulmonary vascular lesions. Am.J. Pathology, 75 : 162.

Naeye, R.L., (1966):

Pulmonary arterial abnormalities associated with hyaline membrane disease. Am.J.Pathology, 48 : 869.

Nehgme, R.A.; Dewar, M.L.; Lutin,W.A.; Talner, N.S. , and Hellenbrand, W.E., (1992):

Anomalous left coronary artery from the main pulmonary trunk, physiologic and clinical importance of its association with persistent ductus arteriosus. Pediat. Cardiol. Journal, 13 (2). p. : 97 - 99, Apr.

Nelli, C. ; and Mounsey, P., (1958):

Auscultation in PDA with a description of two fistulae simulating PDA. Brit. Heart. J., 20 : 61.

Noback, G.J.; Anderson F.D.; and Cooper, W.G. , (1951):

On the presence of nerve tissue in the media of the human ductus arteriosus. *Anatomy current* , 109 : 331.

Noback, G.J. ; and Rehman, I. , (1941):

Ductus arteriosus in the human foetus and newborn infants. *Anat. Curr.* 81 : 505-528.

Nora, J.J., (1968):

Multifactorial inheritance hypothesis for the aetiology of CHD. The genetic environmental interaction. *Circulation*, 38 : 604 - 617.

Olley, P.M.; Coceani, F.; and Bodach, E., (1976):

E-type prostaglandins, a new emergency therapy for certain cyanotic congenital heart malformations. *Circulation*, 53 : 728.

O'Loughlin, J.E. (1981):

The problem of ductal patency in prematures. *Am. Pediat. J.*, 10 : 39.

Ortiz, E.; Marc de level; and Somerville, J., (1986):

PDA associated with an anomalous left coronary artery arising from the pulmonary artery. *Brit. Heart Journal*, 55 : 415-7.

Oski, F.A.; De Angelis, C.D.; Feigin, R.D.; and Warshaw, J.B., (1990):

Patent ductus arteriosus. A textbook of principles and practice of pediatrics, (1st ed.) by J.B. Lippincott Company, Philadelphia, U.S.A. , 1428 - 1431.

**Panogopoulos, Ph.G.; Tatooles, C.J.; Aberdeeen, E.;
Waterston, D.J. and Bondham, Carter, R.E., (1971):**
Patent ductus arteriosus in infants and children.
A review of 936 operations (1946 - 1969). Thorax. 26 :
136.

**Patau, K., Smith, D.W.; Therman, E.Z. ; Inhorn, S. Lind
Wagner, H.P. (1960):**
Multiple congenital anomaly caused by an
extrachromosome. Lancet, 1 : 790.

**Penalozo, D.; Arias- Stella, J.; Sime, F.; Recavarren, S.; and
Marticorena, E. (1964):**
The heart and pulmonary circulations in children at high
altitudes. Pediatrics, 34 : 568.

Perloff, J.K. (1978):
Clinical recognition of CHD. Philadelphia, Saunders
Company, (2nd ed.),p. : 210 - 240.

.Polani, P.E.; and Campbell. M., (1960):
Factors in the caustion of persistent ductus arteriosus.
Annular human genetic meeting, 24 : 343.

Poynter, C.W.A., (1916):
Arterial anomalies pertaining to the aortic arches and the
branches arising from them. Anat. Current, 16 : 229.

Rajadurai, V.S. ; and Yu, V.Y. (1991):

Intravenous indomethacin therapy in preterm neonates with patent ductus arteriosus. Australia, Journal of Pediatrics and - Child Health, Dec. 27 (6), p. : 370 - 375.

Rashkind, W.J. ; and Cuaso, C.C.,(1979):

Transcatheter closure of patent ductus arteriosus : Successful use in a 3.5 Kilogram infant. Paediatric Cardiol., 1 : 3.

Rashkind,W.J.; Mullins, C.E.; and Hellenbrand, W.E. (1987):

Non surgical closure of patent ductus arteriosus, clinical application of the Rashkind PDA occluder system. Circulation, 75 (3) : 583.

Ravin, A.; and Darley,W., (1950):

Apical diastolic murmurs in patent ductus arteriosus. Annular International Medical Meeting, 33 : 903.

Real, F. J. P., (1980):

Persistent ductus arteriosus. A textbook of Heart Disease in infancy and children, (2nd ed.), p : 200 - 202.

Reinhold, J.D.L. and Nodas, A.S., (1954):

The role of auscultation in the diagnosis of congenital heart disease. A phonocardiographic study of children. A. Heart J. 47 : 405.

Reid,J.M.; Coleman, E.N. and Stevenson,J.G. (1979):

Pulmonary hypertension accompanying ventricular septal defect and PDA. Thorax, 34 (4) : 454 - 8.

**Reid, J.M.; Stevenson, J.G.; Coleman, E.N.; Barclay, R.S.;
Welsh, T.M.; Fyfe, W.M. and Inall, J.A., (1964):**

Moderate to severe pulmonary hypertension accompanying
PDA. *Brit. Heart J.*, 26 : 600.

Riggs, T.; Hirschfeld, S. and Borkat, G., (1978):

Assessment of the pulmonary vascular bed by
echocardiographic right ventricular systolic time
intervals. *Circulation*, 57 : 939.

Rogers, T.R.; Hagstrom; J.W.C.; and Engle, M.A., (1965):

Origin of both great vessels from the right ventricle
associated with the trisomy - 18 syndrome. *Circulation*,
321 : 802.

Rohde, R.A.; Hodgman, J.E.; and Cleland, R.S., (1964):

Multiple congenital anomalies in the trisomy (group 16-18
syndrome). *Pediatrics* 33 : 258.

Rowe, R.D.; and Neil, C.A. (1971):

Patent ductus arteriosus in the first year of life. Factors
influencing spontaneous closure. In the natural history and
prognosis in treatment of congenital heart defects.
Thomas publish springfield, Ill., p. 33.

Row, R.D., (1963):

Maternal rubella and pulmonary artery stenosis. Report of
eleven cases. *Pediatrics*, 32 : 180.

Rudolph, A.M.; Mayer, F.E.; Nadas, A.S. and Gross, R.E. (1958):

A clinical and haemodynamic study of 23 patients in the first year of life. *Pediatrics*, 22 : 892.

Rudolph, A.M.; Auld, P.A.M.; Drorbaugh, J.E.; Rudolph, A.J.; Nadas, A.S. and Smith, C.A. (1959):

Studies on the circulation of infants with hyaline membrane disease. *Amer. Pediat. J.*, 98 : 630.

Rudolph, A.M. ; and Nadas, A.S. (1962):

The pulmonary circulation and CHD : Consideration of the role of the pulmonary circulation in certain systemic - pulmonary communications. *New England. Jour. Med.*; 267 : 968.

Rudolph, A.M.; Scarpelli, E. M.; Golinko, R.J. and Gootman, N.L., (1964):

Haemodynamic basis for clinical manifestation of PDA. *Am. Heart J.*, 68 : 447.

Rudolph, A.J.; You, N.D.; Phillips, A.; Desmond, M.; Blattner, R.J.; and Melnick, J.L. (1965):

Transplacental rubella infection in newborn infants. *Amer. Med. Assoc. Journal*, 191: 843.

Rudolph, A.M., (1970):

The changes in the circulation after birth; their importance in CHD. *Circulation* ., 41 : 343-347.

Rudolph, A. M., (1974):

Congenital disease of the heart. Year book of cardiology, Chicago, Year book medical publisher, p. 200 - 220.

Rutestein, D.B.; Nickerson, R.; J. and Heald, F.P., (1952):

Seasonal incidence of patent ductus arteriosus and maternal rubella. Am. Pediat. Journal, 84 : 199.

Sahn, D.J. ; and Allen, H.D., (1978):

Real-time gross- sectional echocardiographic imaging and measurement of the patent ductus arteriosus in infants and children. Circulation, 58 : 343.

Samuel, S.T., (1966):

Rubella in pregnancy. Obstet. and Gyn. 27: 252.

Sandblom, P.; and Ekstrom, G. (1951):

Surgical treatment of wide patent ductus arteriosus. Brit - Heart. J., 102 : 167.

Satomi, G.; Nakamura, K.; Imai, Y.; and Takao, A., (1980):

Two dimensional echocardiographic diagnosis of aorticopulmonary window. Brit. Heart. J., 43 : 351.

Savage, Mo; Wikinson, A.R. and Baum, J.D. (1975):

Furosemide in respiratory distress syndrome. Am. Pediat. J., 50 : 709-713.

Sasahara, A.A.; Nadas, A.S.; Rudolph, A.M.; Wittenborg, M.H.; and Gross, R.E., (1960):

Ventricular septal defect with patent ductus arteriosus. A clinical and hemodynamic study. Circulation, 22 : 254.

Schwartz, S.I.; Shires, G.T. ; and Spencer, F.C., (1989):

Surgical treatment of patent ductus arteriosus. A textbook of principles of surgery, (5th ed.), by McGraw-Hill Book Company, New York, U.S.A. Chap. : 18,p.: 807-841.

Scott, H.W. Jr., (1952):

Surgical treatment of patent ductus arteriosus in childhood. Surg. Clin. North. Am., 32 : 1299, .

Scott, H.W. Jr., (1950):

Closure of the patent ductus by suture ligation technique. Surg. Gynecol. Obstet., 90 : 91.

Silverman, N.H.; Lewis, A.B.; Heyman, M.A.; and Rudolph, A.M., (1974):

Echocardiographic assessment of ductus arteriosus in premature infants. Circulation, 50 : 821.

Sinclair, J.G.; Cooley, R.N.; Schreiber, M.H.; and Stoeckle, H.E. (1958):

Transposition of great vessels isolated dextrocardia, coarctation of aorta, patent ductus arteriosus passing to the descending aorta and cleft palate, in a ten weeks infant. Am. J. Cardiol., 16 : 166.

Scott, O.; and Gearty, G.F., (1960):

Patent ductus arteriosus in infancy. Am.J. Cardiol, 35 : 465.

Sherman, F.E., (1963):

An Atlas of CHD. Philadelphia, Lea and Febringer.

Silove, E.D.; Coe, J.Y.; Shiu, M.F.; Brunt, J.D.; Page, A.J.F.; Singh, S.P. ; and Mitchell, M.D. (1981):

Oral PGE₂ in ductus dependent pulmonary circulation. Circulation. 63 : 682-688.

Soulie, P.; Routier, P. ; and Bernol, P., (1949):

Communication interventriculaire avec insuffisance aortique. Arch. Mal. Coeur. 42 : 765. (Translated from Cassels, 1973, p. 260)

Stark, J.; and Level, De.M., (1983):

Surgery for congenital heart defects. New York. Grun and Stratton.

Steinberg, I.; Miscol, L.; and Golborg, H.P. (1964):

Congenital absence of left pulmonary artery with PDA. Am. Med. Assoc. J., 190 : 394-394.

Steinberg, I., (1964):

Roentgenography of patent ductus arteriosus. Am.J. Cardial., 13 : 698.

Steinherz, L.; Ehlers, K.H.; Levin, A.R. ; and Ensle, M.A., (1977):

Membranous subaortic stenosis and PDA. Chest. 72 (3), 337-8.

Stevenson, J.G. (1977):

Fluid administration in the association of PDA. Complicating R.D.S. Pediat.J., 90 : 257 - 261.

Stevenson, J.G.; Kawabori, I.; and Guntheroth, W.G., (1980):

Pulsed Doppler echocardiographic diagnosis : Sensitivity, specificity, limitations and technical features . Catheter. Cardiovascular. Diagnosis. Pediatr. J., 6 : 225.

Szulc, M. and Ritter, S.B., (1991):

Patent ductus arteriosus in an infant with atrioventricular septal defect and pulmonary hypertension , diagnosis by transesophageal color flow echocardiography. Journal of the American Society of Echocardiography, 4(2). p.: 194-8. Mar.- Apr.

Tandon, R., Da Silva,C.L.; Moller, J.H. and Edwards,J.E.; (1974):

Aorticopulmonary. Septal defect coexisting with ventricular septal defect. Circulation, 50 : 188.

Tartakow, T.J., (1965):

The teratogenicity of maternal rubella. Pediat. J., 66 : 380

Taussing,H.B., (1960):

Congenital malformation of the Heart and PDA. Harvard University Press , Vol.II, Cambridge,M.A. The Common Wealth,

Taylor, B.E.; Pollack,A.A., (1950):

Studies of the pulmonary and systemic arterial pressure in cases of PDA with special reference to effects of surgical closure. Am.J. Cardiol. 29 : 745, 1950.

Tikoff, G.; Echgray, H.M.; Schmidt, A.M. and Kulda, H., (1969):

PDA Complicated by heart failure. Am.J. Med. , 6 : 43.

Timpanelli, A.E. and Steinberg, I. (1961):

Calcification of the pulmonary artery in patent ductus arteriosus with reversal of blood flow, report of four cases. *Am.J. Med.*, 30: 405.

Treves, S.; Fogle, R. and Lang, P. (1980):

Radionuclide angiography in congenital heart disease. *Am.J. Cardiol.* 46 : 1247.

Trusler, G.A.; Arayangkoon, P.; and Mustad, W.T. (1968):

Operative closure of isolated PDA in the first two years of life. *Can. Med. Assoc. J.*, 99 : 879.

Valdes, Cruz, L.M.; and Dudell, G.G., (1981):

Specificity and accuracy of echocardiographic and clinical criteria for diagnosis of PDA in fluid - restricted infants. *Pediat. J.*, 98 : 298.

Van Mierop, L.H.S. and Kutsche, L.M. (1986):

Embryology of heart. In, Hust, J.W.; ed., *The Heart* (6th ed.), New York, McGraw-Hill, 1986.

Vargas, B.J.; Avila, R.L.; Romero, C.A.; Ryloarsdam, M., Kerins, C. and Bjuendia, A. (1992):

Echocardiographic diagnosis of a mycotic aneurysm of the main pulmonary artery and PDA. *Am. Heart J.*, Jun, 123 (6). p.: 1707-1709.

Venables, A.W. (1965):

The syndrome of pulmonary stenosis complicating maternal rubella. *Brit. Heart J.*, 27 : 41.

Vmanskiy, R.I; and Hauck, A.J. (1962):

Factors in the growth of children with PDA. *Pediat.*, 30 : 540.

Waldman, J.D.; Paul, M.H.; Newfeld, E.A.; Master, A.J.; and Idriss, F.S.,(1977):

Transposition of the great arteries with intact ventricular septum and patent ductus arteriosus. *Am. J. Cardiol.*, 39 (2), 232-8.

Waterman, D.H.; Samson, P.C. and Baily, C.P. (1956):

The surgery of patent ductus arteriosus , a report of the section on cardiovascular surgery. *Dis. Chest*, 29 : 102.

Watson, H. (1968):

Patent ductus arteriosus. *Pediatric cardiology*. London: Lloyd-Luke, (1st ed.), p. 210 - 240.

Weber, P.C.; Sherer, B. and Larson,C. (1970):

Increase of free arachidonic acid by furosemide in man as the cause of PG and renin release. *Eurp. J. Pharma*, 41 : 329-332..

Wei, J.; Chang, Y-CH.; Ko-CH.; and Shelch, S.M., (1984):

Familial PDA *Am.J. Cardiol.* 534 : 235,236.

Wedemeyer A.L.; Lucas, R.V.; and Castancla, A.R. (1970):

A case of a coarctation of aorta associated with PDA. *Circulation* , Vol. XLII,1021-7.