

REFERENCES

– **Abdenour G.E:**

Radiologic Evaluation of the Urinary tract in the neonate, in Strauss J. (ed): Neonatal kidney and fluid-Electrolytes. The Hague, Martinus Nijhoff. Publishers, pp. 163-171, 1983.

– **Adamsons K. And Myers R.E., Perinatal Asphyxia:**

Causes detection and neurologic sequelae. *Pediatr. Clin. North. Am.* 20:465, 1973.

– **Adamsons, R., Behrman, R., Dawes, G.S., James, L.S. and Roford, c.**

Resuscitation by positive pressure ventilation and trishydroxy methyl- amino methane of rhesus monkeys asphyxiated at birth. *Journal of pediatrics* 65, 807- 818, 1964.

– **Ahmadian Y. and Lewy R.R:**

Possible urate nephropathy of the newborn infant as a cause of transient renal insufficiency. *J. Pediat.* 91:96-100, 1977.

– **Al-Dahhan J., Haycock G.B., Chantla C., et al.:**

Sodium homeostasis in term and preterm neonates. I. Renal aspects. *Arch. Dis. Child.*, 58:335-342, 1983.

– **Alejandro G., Jenik Jose M., Cerian Cernadas Jose Ramirez Jorge Ferreris:**

Renal function in neonates with perinatal asphyxia. Identification of a group with pre-prerenal failure. Hospital Italiano, Department of pediatrics, Division of Neonatology and Nephrology,

Buenos Aires, Argentina Pediatric research Volume 31, No. 4 part 2/April 1992.

– **Alferd. W. Braun:**

Clinical features of neonatal asphyxia. The pediatric Clinics of North America, W.B. Saunder's Company. Philadelphia. London. Toronto Mexico City. 452-456, Vol. 33 No. 3, 1986.

– **Anand S.K., Northway J.D. and Grussi F.G.:**

Acute renal failure in newborn infants. J. Pediatr., 92:985, 1978.

– **Aperia A., Broberger o., Broberger U., Herin P., Zetterstrom R.:**

Glomerular tubular balance in preterm and fullterm infants. Acta. Paediatr. Scand. Suppl, 1983; 305: P. 70-6.

– **Aperia A., Broberger o., Elinder G., Thodenius and Zetterstrom R.:**

Post Natal changes in Glomerular filtration rate in preterm and full-term infants. In: Spitzer, A., the kidney during development New York. Masson Publishing, 133, 1983.

– **Aperia A., Herin P.:**

Development of glomerular perfusion rate and nephron filtration rate in ratio 17-60 days old. Am Jr. Physiol 1975; 228:1319-1325.

– **Apgar. V.:**

Proposal for a new method of evaluation of new born infants. Anaesthesia and Analgesia 32,260,67, 1953.

– **Arant B.S. Jr.:**

Developmental patterns of renal functional maturation

compared in the human neonate. *J. Pediatr.*, 92: 705-712, 1978.

– Arant B.S. Jr.:

Estimating Glomerular filtration rate in infants, *J. Pediatr.*, 104: 890-893, 1984.

– Arant B.S. Jr.:

Nonrenal factors influencing renal function during the perinatal period. *Clin. Perinatol.*, 8; 225-240, 1981.

– Arant B.S. Jr.:

Non renal factors influencing renal function during the perinatal period. *Clin. Perinatol.*, 8: 225-240, 1981.

– Arant B.S.:

Intrauterine and extrauterine patterns of renal functional maturation compared in human neonate (abstr.) *Pediatr. Res.* 9: 373, 1973.

– Arant B.S. Jr.:

Glomerulotubular balance following saline loading in the developing canine kidney. *Am. J. Physiol.*, 235: F 417, F-424, 1978.

– Armitage P.:

Statistical Methods in Medical Research, Blackwell Scientific Publications, London. 1971.

– Barratt T.M.:

Renal failure in children, *proc. R. Soc. Med.*, 84: 1045, 1971.

– Barratt T.M.:

Renal failure in infancy, in Rubin and Barratt, *Pediatric*

Nephrology, Chap. 17, pp. 406-408, 1975.

– **Beguin F., Dunnihod D.R., Quilligan E.J.:**

Effect of carbon dioxide elevation on renal blood flow in the fetal lamb in utero. *Am. J. Obstet. Gynecol.* 119: 630, 1974.

– **Behrman R.E. and Vaughan V.C.:**

The newborn-Anoxia. In: *Nelson Text book of pediatrics* Behrman, R.E. and Vaughan, V.C. (Eds), Twelfth edition., P. 361. W.B. Saunders Company 1983.

– **Bejar R, Wozniak P. Allord M, et al.:**

Antenatal origin of neurologic damage new born infant *Am J Obstet Gynecol.* 159:357, 1988.

– **Benirschke K. and Gille J.:**

Placental pathology and Asphyxia. In: *Intrauterine asphyxia and the developing fetal brain*, Gluck, L. (ed). P. 117, Year Book Medical Publishers Inc. Chicago, London. 1977.

– **Bezjian A.A.:**

Prenatal Diagnosis of fetal urinary tract abnormalities, in Strauss J. (ed): *Neonatal kidney and fluid-Electrolytes*. The Hague, Martinus Nijhoff publishers, pp. 31-35, 1983.

- **Blacklund L., Goransson M., Muller-Suur R., et al.:**

Evaluation of glomerular filtration rate in infants. Acta Paediatr. Scand. (Suppl.), 305: 77-78, 1983.

- **Block, B.S.; Schlafer, D.H.; Wentworth, RA et al:**

Intrauterine asphyxia and the break down of physiologic circulatory compensation in fetal sheep. AM. J. Obstet, Gynecol 162:1325-1331, 1990.

- **Brodehl J., Francken A. and Gellissen o.:**

Maximal tubular reabsorption of glucose in infants and children. Acta Paediatr. Scand., 61: 413, 1972.

- **Bruce M., Stanley A., Barry M., Jay H.**

Pediatric Nephrology 1984.

- **Chris, E.W.; Carina, M.; William, T. And Peter, D.G.:**

Pathophysiology of perinatal asphyxia in seetha shankaran (ed): clinics in perinatology, Vol. 20, June, P.305-325, W.B. Saunders Company, Philadelphia, London, 1993.

- **Cloherty J.P.:**

Perinatal asphyxia in: Manual of neonatal care., cloherty, J.P., and stark, A.R. (eds). Second edition, P. 315. Alittle. Brown and company Boston. Toronto. 1982.

– Cohn EH, Sacks EJ, Jeyman MA, et al:

Cardio vascular response to hypoxemia and acidemia in fetal lamb. Am J obstet Gynecol 120:817, 1974.

– Cole J.W., Portman R.J., Lion Y., et al.:

Urinary B2-microglob in full term newborns: evidence for proximal tubular dysfunction in infants with meconium-stained amniotic fluid. Pediatrics 1985, 76: 958-64.

– Coulthard M.G.:

Comparison of methods of measuring renal function in preterm babies using inulin J. Pediatr., 102: 923, 930, 1983.

– Daniel S.S., Yeh M.M., Dowe E.T. and James L.S.:

Renal response of the fetal lambs to asphyxia. Pediat. Res. 8: 454, 1974.

– Dauber I.M., Krauss A.N., Symchych P.S.:

Renal failure following perinatal Anoxia. J. Paediatr. 1976, 88, 851-5.

– Dawes G.S.:

Fetal and neonatal physiology, year book Medical publishers, Inc, Chicago, P. 171, 1968.

- Dawes, G.S., Jacobson, H.N., Moh. J.C., shelley, H.J. and Stafford, A.:

Treatment of asphyxia in newborn lambs and monkeys.
Journal of physiology 169, 167-184, 1963.

- De Wolfe F., Robertson W.B. and Brosen L.:

The ultrastructure of acute atherosclerosis of hypertensive pregnancy. Am. J. Obstet. Gynecol. 118: 164, 1975.

- Dorland's:

Illustrated Medical Dictionary, ed 26 Philadelphia. WB Saunders, 1981, p 129.

- Edelmann C.M., Barnett H.L. and Troupkon V.:

Renal concentrating mechanisms in newborn infants. J. Clin. Invest. 39: 1062, 1960.

- Edelstone D.I., Caine M.E. and Lumina F.D.:

Relation ship of fetal oxygen consumption and acid base balance of fetal hematocrit. Am. J. Obstet. Gynecol. 151: 844, 1985.

- El Maraghi S., Sakr R., El Tohami F., El Khodary M., El Henedy F., Abdel Moneim S.:

The effect of extrauterine life on kidney functions of low birth weight infants. The Egyptian Journal of paediatrics Vol. I, No. 3.4, 241-254, 1984.

- **Engelke S.C., Shah B.L., Vasan U. and Raye J.R.:**

Sodium Balance in very Low- Birth- Weight Infants.

Journal of pediatrics, 93, 837, 1978.

- **Engle W.D. and Arant B.S. Jr.:**

Renal handling of beta-2 microglobulin in the human

neonate. Kidney Int., 24: 358-363, 1983.

- **Engle W.D. and Arant B.S. Jr.:**

Urinary potassium excretion in the critically ill neonate,

pediatrics, 174: 259-264, 1984.

- **Engle W.D., Arant B.S. Jr., Winyathian S., et al.:**

Diuresis and respiratory Distress syndrome: physiologic

mechanisms and therapeutic implications. J. Pediatr., 102: 912-917, 1983.

- **Epstein M.F.:**

Resuscitation of the newborn infant in schaffer's diseases of

the newborn. Avery M.E. and Taensch H.W. (eds), Fourth edition P.:

100, W.B. Saunders company.

- **Eric D., Tack Jeffery M., Perlman and Alan M. Robson:**

Renal injury in sick Newborn Infants: A prospective

valuation using urinary B₂ - Microglobulin concentrations, Pediatrics

Vol. 81 No. 3 March 1988.

– **Evan, Y.S. and John, P.C:**

Perinatal asphyxia in John P.Cloherly and R. Stark(eds):
Manual of neonatal care, third edition, chapter(21) Neurology, P.393-411,
1991.

– **Farrell P.M. and Wood R.E.:**

Epidemiology of hyaline membrane disease in USA.
Pediatrics, 58: 167, 1976.

– **Fawer C.L., Torrado A. and Guignard T.P.:**

Maturation of renal function in full term and premature
neonates. Helv. Paediatr Acta, 34:11, 1979.

– **Fawer G.L., Torrado A. and Guignard T.P.:**

Single injection clearance in the neonate. Biol. Neonate, 35:
321, 1979.

– **Feldman H. and Guignard J.P.:**

Plasma creatinine in the first month of life. Arch. Dis.
Child., 57: 123, 1982.

– **Fernandez- F. Bibliographic citation:**

J- Perinat- Med 1989; 17(6): 453-9 Beta-2 micro globulin in
the assessment of renal function in full term newborns following Perinatal
asphyxia.

– **Fetterman G.H., Shuplock N.A., philipp F.J. and Gregg H.S.:**

The growth and maturation of human glomeruli and
proximal convolutions from term to adulthood, pediatrics 35: 601, 1965.

- **Field, D., Milner, A. and D. Hopkin, I.E.:**

Efficacy of manual resuscitation at birth Archives of Disease in child hood 61, 300- 302, 1986.

- **Fliuder G., Aperia A., Herin P., Kallskog O.:**

Effect of the state of hydration on glomerular filtration rate and renal hemodynamics in the developing rat kidney. Acta. Physiol. Scand , 1980: 411-417.

- **Frank J.L.:**

Neonatal ultrasound of urinary tract, in Strauss, J.(ed): neonatal kidney and fluid. Electrolytes. The Hague, Martinus Nijhoff publishers, pp. 153-161, 1983.

- **Free man.:**

J.M., et al Pediatrics 82: 240, 1988.

- **Freeman, J.M and Nelson, K.B.:**

Intra partum asphyxia and cerebral Palsy. Pediatrics. 82:240, 1988.

- **Gluckman, P.D. and Williams, C.E.:**

When and why do brain cells die? Dev. Med. Child. Neural. 34:1010-1014, 1992.

- **Gluckman, P.D.; Klempt, N.D.; Guan, J. et al.:**

A role for IGF-1 in the rescue of CNS neurons following hypoxic ischemic injury. Biochem Biophys Res. Commun 182:593-599, 1992.

– **Gold Smith D.I.:**

Clinical and laboratory evaluation of renal function. In

Edlemann, C.(ed): pediatric kidney disease, Boston, Little, brown, 1978.

– **Gregory, G.A :**

J. Pediatr 85: 848, 1974.

– **Gresham, E.L., Renkin, J.H.G., Makowski, F.L., Meschia, G., and Battaglia, F.G.:**

An evaluation of fetal renal Function in a chronic sheep preparation, J. Clin. Invest. 51:149, 1972.

– **Grouskia A.B., Edelmaun C.M. and yvan S.:**

Maturational changes in renal blood flow in piglets. Pediatr. Res., 4:7, 1976.

– **Gu, W.; Jones,C.T and Parer, J.T.:**

Metabolic and Cardiovascular effect, on fetal sheep of sustained reduction of uterine blood flow. J. Pphysiol. 368:109-129, 1985.

– **Guignard J., Torrado A., Gautier E.:**

Glomerular filtration rate in the first three weeks of life. J. Pediatr. 87:268-272, 1975.

– **Guignard J.P., Torrado S., Mazouni M., Gautier E.:**

Renal function in respiratory distress syndrome. J. Pediatr. 88:845-50, 1976.

– **Guignard J.P.:**

Congenital Nephropathies, in Strauss, J. (ed): Neonatal kidney and fluid-electrolytes. The Hauges, Martinus Nijhoff Publishers, pp. 31-35, 1983.

– **Guignard, J.P., Torrado, A., dacunha., O., and Gautier, E.:**

Glomerular Filtration rate in the first 3 weeks of life, J. Rediatr. 87:268, 1975.

– **Gunn, A.J.; Mydlar, T.; Bannet, L. el al:**

The neuro protective action of a calcuim chemical antagonist, Flunarizine in the infanrat. Pediatr. Res. 25:573-576, 1989.

– **Halvorsen S. and A.A.S.K.:**

Observation on the urine of asphxiated and dysmature newborn infants. Acta Paediat. Scand. 51:447, 1962.

– **Hamson, M.A:**

The importance of baro-and chemoreflexes in the control of the fetal cardiovascular system. J. Dev. Physiol. 10:491-511, 1988.

– **Hansen, J.D.L & Smith, C.A.:**

Effects of with holding in the immediate postnatal period. Pediatrics, 12,99, 1953.

– **Hazinski T.A.:**

Furosemide decreases ventilation in young rabbits. J. Pediatr., 106:81-85, 1985.

– **Hill, A. and volpe, J.J.:**

Hypoxic-ischemic encephalopathy of new born in swaiman

KF. (ed) *Pediatric Neurology, Principles and Practice*, Vol.1. St Louis, CVMosby. P.373, 1989.

– **Hill, A. and Volpe, J.J.:**

Neurological problems in the New Born in *Text book of Neonatology*. 2nd edn. Edited by N.R.C. Robertson churchill livingstone, Edinburgh, London, pp. 1035-1132, 1992.

– **Hill, A., et al.:**

Clin. Perinatal. 16: 435, 1989.

– **Hodson J.:**

Reflux nephropathy, in Strauss J. (ed) : *Pediatric Nephrology. Current concepts in Diagnosis and Management*. New York, Plenum Press, Vol. 6, pp. 83-110, 1981.

– **Hon E.H. Zanini B. & Cabal L.A.:**

An introduction to Neonatal heart Rate Monitoring. University of California Press. Los Angeles. 1975.

– **Huddleston J.F.:**

Management of acute fetal distress in the intrapartum period. *Clin-Obstet. Gynecol*. 27; (1): 84, 1984.

– **James L.S., Weisbrot I.M., Prince C.E.:**

The acid-base status of human infants in relation to birth asphyxia and onset of respiration. *J. Pediatr.*, 52:379, 1958.

– **James L.S.:**

Emergency in the delivery room. In Behrman's Neonatal Perinatal Medicine. Diseases of the fetus and infant. Fanaroff, A.A., and Martin, R.J. (eds) third edition p. 179. The C.V. Mosby co. St. Louis. Toronto. London.

– **James L.S.:**

Acidosis of the newborn and its relation to birth asphyxia. *Acta Paediatr (Stockh)* 49, Suppl. 122:17, 1960.

– **Jayashree G.; Dutta A.K.; Sarm M.s.; Saili A.:**

Acute renal failure in asphyxiated newborns. *Indian-Pediatr*; Jan; 28(1); P. 23, 1991.

– **Jeffrey M., Perlman M.B. and Eric D., Tack M.D.:**

Renal injury in the asphyxiated newborn infant. Relationship to neurologic outcome. *Journal of Pediatrics*. Nov. 1988; 113:875-9, 1988.

– **Jeffrey R.B. and Federle M.P.:**

Ct and ultrasonography of acute renal abnormalities. *Radiologic Clinics of North Am.*, 21(3): 515-525, 1988.

- Jensen, A.; Hohmann, M and Kunzel, W.:

Dynamic changes in organ blood flow and oxygen consumption during acute asphyxia in fetal sheep J. Dev. Physiol. 9:543-529, 1987.

- Karlson F.A., Hardell, I. and Hellsin K.:

A prospective study of urinary proteins in early infancy, Acta. Paediatr. Scand., 68:663, 1979.

- Kleinman L.I.:

Renal sodium reabsorption during saline loading and distal blockade in newborn dogs. Am. J. physiol., 228:1403-1408, 1975.

- Koos, B.J. and Doany, W.:

Role of plasma adenosine in breathing responses to hypoxia in fetal sheep. J. Dev. physiol. 16:81-85, 1991.

- Kurjak A., Kirkinen P. And Latin V. et al.:

Ultrasonic assessment of fetal kidney function in normal and complicated pregnancies, Am. J. Obstet. Gynecol., 141:266-270, 1981.

- Kwittken J. And Reiner L.:

Acute tubular necrosis in the newborn manifestation of anoxia, Pediatrics 33:380, 1964.

- Kwong, M.S.:

Cardiovascular adjustments during recovery from chronic neonatal asphyxia in piglets. Ped. Res. 19:129, 1985.

- Lagercrantz H:

Asphyxia and the Apgar score. Lancet 1:966, 1982.

– **Larsson L., Maunsback A.B.:**

The ultrastructural development of the glomerular filtration barrier in the rat kindly. *J. Ultrastruct Res.*, 72, 1980.

– **Lawson J.S. and Hewstone A.S.:**

Microscopic appearance of urine in newborn period, *Arch. Dis. Child.* 39:287, 1964.

– **Leake R. Trygstad C.,:**

Glomerular filtration rate during the period of adaptation to extrauterine life. *Pediatr. Res.* 11:959-962, 1977.

– **Levene, M.I., Sands, C., Grindulis, H. and Moore, J.R.:**

Coparison of two methods of predicting outcome in perinatal asphyxia. *Lancet* I 67-68, 1986.

– **Low, J.A:**

Am. J. Obstet. Gynecol. 159: 1235, 1988.

– **Mac Donald and Emery J.L.:**

The late intrauterine and post natal development of human renal glomeruli *J. Anat.*, 93:331-341, 1959.

– **Mac Donald, H.M. J.:**

Pediatr. 96: 898, 1980.

– **Manley G.L. and Collipp P.J.:**

Renal failure in the newborn. Treatment with peritoneal dialysis. *Am. J. Dis. Child.* 155:107, 1968.

- **Manzke H., Eigster G., Harms D., Dorner K. And Gruntiz J.:**

Uric acid infarctions in the kidneys of newborn infants.

European J. Ped., 126, 29, 1977.

- **Martin R.J. and Fanaroff A.A:**

The respiratory system. Other respiratory problems. In: Behrman's Neonatal. Perinatal medicine. Third edition. P.: 441. The C.V. Mosby Company. St. Luis. Thoronto. London 1983.

- **Milner, A.D. and Vyas, H.:**

Resuscitation of the newborn. In neonatal and Pediatric Respiratory Medicine. Edited by A.D. Milner and R.J. Martin. Butterworths. London, pp 1-16, 1985.

- **Milner, A.D., vyas, H. and Aopkin, I.E.:**

Efficiency of face mask resuscitation at birth. British Medical Journal 289, 1563-1565, 1984.

- **Mold JW, Stein HF:**

The Cascade effect in the Clinical care of Patients. N. Engl J Med 314:512, 1986.

- **Mott J.C:**

The place of renin angiotensin system before and after birth. Br. Med. Bull. 31:44, 1975.

- **Nelson KB, Leviton A:**

How much of neonatal encephalopathy is due to birth asphyxia? Am Jdis ehild 145:1325, 1991.

– **Norman M.E. and Asadi F.K.:**

A prospective study of acute renal failure in the Newborn infant Pediatrics, 63:475, 1979.

– **Ohlsson, A., et al Am. J.:**

Obstet. Gynecol. 157: 443, 1987.

– **P. Royer et al.:**

Nephrologie Pediatrique Published and © 1973 by Ernest Flammarion Paris- France.

– **Padbury JF, Roberman B, Oddie B, Oddie TH, et al:**

Fetal catecholamine release in response to labour and delivery. Obstet gynecol 60:607, 1982.

– **Passwell J.H., Modan M., Brish M., Orda s. And Boichis H.:**

Fractional Excretion of Uric Acid in Infancy and Childhood, Archives of Diseases in Children, 49, 878, 1974.

– **Paxon C.L.:**

Care of the newborn infant. In: Van leevwen's newborn Medicine, Paxon, C.L. (ed). Second edition. P.: 112. Year Book. Medical Publishers. Chicago London.

– **Perlman and Tack:**

Proximal tubular dysfunction, 1988.

– **Peter, D.G.;chris, E.W.; carina, M. And William, T.:**

Pathophysiology of perinatal asphyxia in seetha, S. (ed); clinics in perinatology, No. 2, vol 20, June P. 305-325, W.B. Saunders company philadephia, London. 1993.

- **Pierre Royer, Reneé Habib, Henri Mathieu, Mishel Broyer**
Pediatric nepphrology 1974.
- **Potter D., Jarrah A., Sakai T., Harrah J. and Holliday H.A.:**
Character of function and size in kidney during normal growth of rats, *Pediatr. Res.* 3:51, 1969.
- **Potter E.I. and Osathanondh V.:**
Normal and abnormal development of the kidney. In F.K.M. Mostofi and D.E. Smith, the kidney. Baltimore, Williams and Wilkins, 1966.
- **Potter, D., Jarrah, A., Sakai, T., Harrash, J., and Hilliday. M.H.:**
Character of function and size in kidney during normal growth of rats, *Pediatr. Res.* 3:51, 1969.
- **Raivio K.O.:**
Neonatal Hyperuricemai. *J. Of Pped.*, 88,625, 1976.
- **Reid, D.L.; Parer, J.T.; William, K. et al:**
Effects of severe reduction in maternal placental blood flow on blood flow distribution in the sheep fetus *J.Dev. phsiol* 15:183-188, 1991.
- **Richardson BS:**
Fetal adaptive responses to asphyxia. *Clin Perinatol* 16:595, 1989.
- **Roberts D.S.; Haycock G.B.; Dalton R.N., Tuner C.; Tomlinson P.; Stimmler L.; Scopes J.W.:**
Prediction of acute renal Failure after birth asphyxia. *Arch-*

Dis-Child; Oct. 65; p. 1021-8, 1990.

– **Robertson, C.M.T. and Finer, N.N.:**

Educational readiness of survivors of neonatal encephalopathy associated with birth asphyxia at term J.Dev. Behav. Pediatr a:298, 1988.

– **Robertson, C.M.T.; Finer, N.N. and Grace, M.G.A.:**

School performance of Sarvivors of Neonatal encephalopathy. Associated with birth asphyxia at term. J.Pediatr. 114:753, 1989.

– **Ross B., Cowett R., oh w.:**

Renal function of low birth weight infants during the first two months of life. Pediatr. Res. 11:1162-1164, 1977.

– **Rudd G.D., Hughes E.A., Placzek, M.M., Hodes D.T.:**

Reference ranges for creatinine during the first month of life. Arch. Dis. Child; 58:212-5, 1983.

– **Rudolph AM.:**

The Renal Circulation and its response to stress. J Dev physiology 6:11, 1984.

– **Russel G., Lydon Y. and Lloyed D.:**

Which deliveries require pediatricians in attendance. br. Med. J. 289 (8):435, 1984.

– **Schulz D.M., Giodano D.A. and Schulz D.H.:**

Weights of organs of fetuses and infants Arch. Pathol., 74:244, 1962.

– **Scott, H.M:**

Outcome of sever birth asphyxia Archires of Disease in child hood 50, 712- 716, 1976.

– **Sectral H. and Scopes J.:**

Rates of creatinine clearance in babies less than one week of age. Arch. Dis. Child., 48, 717, 1973.

– **Settergren. G., Lindblad, B.S. and Persson, B.:**

Cerebral blood flow and exchange of oxygen, glucose, Ketone bodies, lactate, pyruvate and aminoacids in infant. Acta Paediatrica Scandinavica 65,344-353, 1976.

– **Shankaran S, Woldt E, Koepke T, et al:**

Acute neonatal morbidity and long-term central nervous system sequelae of perinatal asphyxia in term infants. Early Hum Dev 25:135, 1991.

– **Sherry S.N. and Kramer I.:**

The time of passage of first stool and first urine by newborn infant. J Pediatr., 46:158, 1955.

– **Siegel S.R. and oh W.:**

Renal function as a marker of human fetal maturation Acta-Paediat. Scand. 65:481-485, 1976.

– **Sokoloff, L. Grave, G.D.; Jehle, J.W and Kennedy, G.:**

Post natal development of the local cerebral Blood flow in the dogs. Eur. Neurol. 6:269, 1972.

– Spellacy W.N., Gravem H. And Fisch R.O.:

The umbilical cord complications of true knots nuchal coils and cords around the body. Am. J. Obstet. Gynecol. 94:1136, 1966.

– Stark H., Geiger R.:

Renal Tubular dysfunction following vascular accidents of the kidneys in the newborn period. J. Pediatr, 83:933-40, 1973.

– Stark, H. And Geiger, R.:

Renal tublar dysfunction following Vascular accidents of Kidney in the neonatal period. J. Paediatr 83:933-40, 1973.

– Stonestreet B.S., Bell E.F. and oh W.:

Validity of endogenous creatinine clearance in low birth weight infants Ped. Res., 13, 1012, 1979.

– Stonestreet B.S., Laptook A.R., Siegel S.R., oh W.:

The renal response to acute asphyxia in spontaneously breathing newborn Lambs, Early Hum Dev (EDH) 1984 Jun, 9(4): P. 374-61.

– Stonestreet B.S., Rubin L., Pollak A., et al.:

Renal function of low birth weight infants with hyperglycemia and glucosuria produced by glucose infusion. Pediatrics, 66:561, 1980.

– Strauss J., Zilleruclo G. and Freundlich M.:

Neonatal renal function, fluids and electrolytes in intensive care units. In Neonatal and Pediatric Intensive care. Edited by Vidyasagar D. and Sarnaik, A.P., PSG Publishing Company, INC., pp. 151-161, 1985.

– Strauss, J., Danial, S.S. & James, L.S.:

Postnatal adjustment in renal function pediatrics, 68,802,
1981.

– Strauss. J., Danial, S.S. & James, L.S.:

Postnatal ajustment in renal function Peddiatrics, 68, 802,
1981.

– Sudhir O., Anand M.D.:

Acute renal failure in the neonate, Pediatric Clinics of North
America, Vol. 29, No. 4, August, 1982.

– Svenningsen N.:

Single injection polyfructosan clearance in normal and
asphyxiated neonates. Acta Paediatr. Scand. 64:37-95, 1975.

– Svenningsen N.W.:

Renal acid base titration studies in infants with and without
metabolic acidosis in the postneonatal period. Pediatr. Res., 8:659,
1974.

– Tack et al,:

Renal insult following sever asphyxia and oxygenation to
the brain, heart and adrenals, 1988.

– Talvik. T; et al.,:

Haldre. S.; Soot, Hamarik. M.; Piirsoo. A. and Mikelsaar
A.V. (1955). C.C. iso enzyme P.P. concentration in cerepro spinal fluid
in asphyxiated preterm infants. Acta Paediatrica AT4 (10-1183-7), 1995.

– Taveras J.M.:

Diagnostic neuroradiology. The Williams and Wilkins

company Baltimore E de, 1976.

– **Thureau, K., and Levine, D.Z.:**

the renal circulation in Rouiller, C., and Muller, A.F.,
editors: The Kidney morphology, biochemistry, physiology New York
1971. Academic Press Inc.

– **Thureau, K., and Perine, D.Z.**

The renal Circulation in Rouiller, C., and Muller, A.F.
editors: The Kidney: morphology, biochemistry physiology New York
1971 Academic press Inc.

– **Torrado A., Guignard J.P. and Gautier E.:**

Hyoxaemia and renal function in newborn with respiratory
distress syndrome (RDS), Paediatr. Acta. 79:399, 1974.

– **Trimper C.E. and Lumber E.R.:**

The renin-angiotensin system in fetal lambs. Pilugers Arch.
Geo. Physiol. 336:1, 1972.

– **Tulassay T., Ritvary J., Bors Z., et al.:**

Alterations in creatinine clearance during respiratory
distress syndorme. Biol. Neonate, 35:258-263, 1979.

– **Vannucci R.C. and Pulm, F.:**

Pathophysiology of perinatal hypoxic- ischemic brain
damage in: Gaull, G.E. (Ed.) Biology of brain dysfunction. New York
Plenum Press, 1. 1975.

– **Venier R.L. and Smith F.G.:**

Fetal and neonatal kidney. In Assoli, N.S., editor, Biology
of gesotation New York, 1968, Academia PressInc.

– Vernier, R.L., and Smith, F.G.:

Fetal and neonatal Kidney. In Assali, N.S., editor: Biology of Gestation, New York, 1968 Academic Press, Inc.

– Vintzileos, A.M.; Egan, J.F.; Campbell, W. A. et al.:

Asphyxia at birth as determined by cord blood pH measurements in preterm and term gestations correlation with neonatal outcome. Journal of Maternal-Fetal Medicine 1:7, 1992.

– Volpe, J.J.:

Asphyctic-ischemic encephalopathy: Neuropathology and pathogenesis, in : Neurology of the New born, ed 2. Philadelphia, W.B. Saunders, P. 209, 1987.

– Webster's Ninth New Collegiate Dictionary.

Springfield, MA, Merriam- Webster 1991, p 108.

– Webster's Ninth New Collegiate Dictionary.:

Springfield, MA, Merriam- Webster 1991, p 108.

– Welch K.A. and Philipo J.B.:

Management of the depressed newborn. Clin. Obstet. Gynecol. 27(1): 125, 1984.

– William, F.G.:

Circulation through special regions in: Review of Medical physiology 10th Edition, Section VI, 32, p.476, 1981.

– Williams G.S., Klenk E.L. and Winters R.W.:

Acute renal failure in pediatrics, in Winters, the body fluids in pediatrics, 1st ed., pp. 523-557, Little, Brown, Boston, 1973.

- Williams, C.E.; Gunn, A.J. and Gluckman P.D.:

Time course of intracellular odema and epileptiform activity following prenatal cerebral ischemia in sheep. *Stroke*. 22:516-521, 1991.

- Wimberley p.d., Fredericksen P.S., Hansen J.W., Melberg S.G. and Hansen B.F.:

Evaluation of transcutaneous oxygen and carbon dioxide monitor in neonatal intensive care department. *Acta. Pediatr. Scand*. 74:352, 1985.

- Winterborn M.H., Primack W.A., Edelmann C.M. Jr. and Spitzer A.:

Effect of hypoxia on renal function in puppis *pediatr. Res*. 9:381, 1975.

- Wladimiroff, J.W. & Campbell, S.:

Fetal-urine production rates in normal and Complicated Pregnancy *Lancet*, 1,151, 1974.

- Wood E.C.:

Scalp blood sampling in intrauterine Asphyxia and the developing fetal brain *cluck. L. (ed)*. P.: 179, 1977. Year Book Medical Publishers Inc. Chicago- London.