

REFERENCES

- Abramov, T., Hainline, L., Lemerise, E., and Brown, A.K. (1985):**
Changes in visual functions of children exposed to prolonged illumination. J. Am. Optom. Assoc., 56:614-19.
- Alistair, C.S. (1980):**
Neonatology. A practical guide. 2nd ed. Williams & Wilkins Co., Blatimore, P. 150-80.
- Amanullah, A. (1976):**
Neonatal jaundice. Am.J.Dis.Cild., 130: 1274.
- Amato, M., Pasquier, S., De-Muralt, G. (1985):**
Transcutaneous bilirubin determination: Correlation in white premature infants weighing less than 1500gm. Schweiz. Med. Nochenschv. 115(27-28): 937-8.
- Arias, I.M. (1970):**
The pathogenesis of physiologic jaundice of the newborn: A re-evaluation In: Bergsma, D.: Bilirubin metabolism in the newborn. Original Article Series. 6:55.
- Arias, I.M., Gartner, L.M., Seifter, S. and Furman, M. (1964):**
Prolonged neonatal uncojugated hyperbilirubinemia associated with breast feeding. J. Clin. Invest., 43:2037.

Assali, N.S. (1972):

Pathophysiology of gestation. New York,
Academic Press Inc.

Balistreri, W.F. (1985):

Neonatal cholestaseis. J. Pediatr. 106:171.

Bartlid, D. (1973):

Reserve albumin binding capacity, salicylate
saturation index and red cell binding of
bilirubin in neonatal jaundice. Arch. Dis.
Child. 48:393.

Beck, .D., Wolkolf, A.W. and Berlin, N.I. (1975):

Inborn errors of bilirubin metabolism. Med.
Clin. North. Am. 59:803.

Becroft, D.M.O. (1972):

Biliary atresia associated with prenatal in-
fection by listeria monocytogenes. Arch. Dis.
Child. 47:656.

Bell, E.F., Niedick, G.A., Cashore, W.J. (1979):

Combined effects of radiant warmer and pho-
totherapy on insensible water loss in LBW in-
fants. J. Pediatr., 94:810.

Bentler, E. (1971):

Hereditary hemolytic anemias. Semin Hematol,
8:311.

Berant, M., Diamond, E., Brisk, R. and Yurman, S. (1983):

Phototherapy associated diarrhea. The role of
bile salts. Acta. Pediatr. Scand, 32:853-5.

- Berk, P.D., Howe, R.B., Bloomer, J.R. and Berlin, N.I. (1969):*
Studies of bilirubin kinetics in normal adult.
J. Clin. Invest., 48:2176.
- Bernstein, J., Braylan, R. and Brough, A.J. (1969):*
Bile plug syndrome. A correctable cause of
obstructive jaundice in infants. *Pediatrics*,
43:273.
- Bernstein, J., Chang, C.H., Brough, A.J. (1977):*
Conjugated hyperbilirubinemia in infants as-
sociated with parenteral alimentation. *J.*
Pediatr. 90:361.
- Bevis, D.C.A. (1952):*
The antenatal prediction of hemolytic disease
of the newborn. *Lancet*, I:395.
- Bhardwaj-HP. Narang, A., Bhakoo-On (1989):*
Evaluation of Minolta jaundicemeter and ic-
terometer for assessment of neonatal jaun-
dice. *Indian pediatric*, Feb. 26(2): 161-5.
- Black, D.D., Suttle, A., Whittington, P.F. (1981):*
The effect of short term total parenteral
nutrition on hepatic function in the human
neonate. *J. Pediatr.* 99:445.
- Bonnet, R., Donagh, A.F. and Danis, J.E. (1976):*
Neonatal hyperbilirubinemia, *Nature*, 262:326.

Bowman , J. M. and friesner, R.F. (1964):

Multiple intraperitoneal transfusions of the fetus for erythroblastosis fetalls. New Eng. J. Med., 271:703.

Brodersen, R. (1986) :

Aqueous solubility, albumin binding, and tissue distribution of bilirubin. In: Ostrow ID, ed. Bile pigments and jaundice. Molecular , metabolic and medical aspects. Basel:Marcel Dekker, 157-81.

Broderon, R. and Hermann, L.S. (1963) :

Intestinal reabsorption of unconjugated bilirubin. A possible contributing factor in neonatal jaundice. Lancet. 1:1242.

Brodersen, R., Stern, L. (1987)

Kernicterus research and the basic sciences. A prospect for future development. Pediatrics. 79:154-6.

Brough, A.J. and Bernstien, J. (1969) :

Liver biopsy in the diagnosis of infantile obstructive jaundice. Pediatrics. 43:519.

Brown, A.K. (1985) :

Pediatrics (Suppl.) 75:393, 1985.

Brown, A.K. (1962) :

Neonatal jaundice. Pediatr. Clin. North. Am. 9:575. Aug. 1962.

- Brown,L.P. Arnold,L., Allison,D., Jacobsen,B., Klein, M.E., Charsha,D. (1990):
Transcutaneous bilirubinometer: Intermeter reliability. J. Perinatol. 10(2): 167-9.
- Brown,L., Arnold,L., Charsha,D., Allison,D., Klein,H. (1990)
Transcutaneous bilirubinometer: An instrument for clinical research. Nurs. Res. 39(4): 241-3.
- Brown,A.K., Kim,M.H. and Nuchpuck Dell,O. (1981):
Measurement of free bilirubin, Ped.,Res., 15:653A
- Brown,A.K. and Scoggin,W.A. (1971):
Studies of bilirubin and water transfer across umbilical cord and fetal skin. In: Proceedings of the society for pediatric research. Atlantic City., New Jersey. P.264.
- Brown,R.J.K., Valmen,H.B. and Baganah,E.G (1970):
Diarrhea and light therapy in neonates, Lancet, I:498.
- Bunker,J.P., Bendixin,H.H. and Murphy,M. (1962):
Hemodynamic effects of I.V. administered sodium citrate. New Engl. Med., 266:372.
- Callahan,E.W., Thaler,M.M., Karon,M. (1970):
Phototherapy of severe unconjugated hyperbilirubinemia. Pediatrics., 46:841-848.

- Campbell, D.P., Poley, J.R. and Alanporice, P. (1975):*
Determination of serum lipoprotein X for the early differentiation between neonatal hepatitis and biliary atresia. *J. Surg. Res.* 18: 385.
- Campbell, M. and Stewart, J. (1979):*
Exchange transfusion in neonatal hyperbilirubinemia. *J. Pediatr.*, 93: 827.
- Cashore, W.J., Oh W., Brodersen, R. (1983):*
Reserve albumin and bilirubin toxicity index in infant serum. *Acta paediatrici. Scand.* 72: 415-9.
- Cashore, J.W. and Stern, L. (1984):*
Neonatal hyperbilirubinemia. *Pediatrics*, 29: 1191-1203.
- Catz, C. and Yofe, S.J. (1968):*
Barbiturate enhancement of bilirubin conjugation and excretion in young and adult animals. *Pediat. Res.*, 2:361.
- Cloherty, J.P. (1985):*
Neonatal hyperbilirubinemia. *Pediatr.* 80:130.
- Cloherty, J.P. and Stark, A.R. (1985):*
Manual of neonatal care. 2nd ed. Little, Brown Co., Boston. P.236-262.
- Colon, A.R. and Sanberg, D.H. (1973):*
Presently recognized forms of inherited jaundice in infancy. A summary and review clin. *Pediatr.* 12:326.

Costarino, A.F., Ennever, J.F., Baumsart, S. (1985) :

Effect of spectral distribution on isomerization of bilirubin in vivo. J. pediatr., 107:125-8.

Decarvaho (1985):

excretion of bilirubin in the stool. Pediatrics. 107:786.

Donagh, M.C. and Lighther, D.A. (1985) :

Jaundice and phototherapy. Pediatrics, 75:443.

Crigler, (1952):

breast milk jaundice syndrom .

Pediatrics. 10:169

Donagh, M.C. and Ramonas, L.M. (1978) :

Jaundice and phototherapy: Microflow-cell photometry reveals repid biliary response of Gunn rats to light. Science 201:829:832.

Elder, G., Gray, C.H. and Nicholson , D.C. (1972) :

Bile pigment fate in gastrointestinal tract. Semin, Hematol., 9:71.

Engel, W.P. Baumgart, S., Schwartz, J.S, (1981) :

Insensible water loss in critically ill neonates. Combined effect of radiant warmer power and phototherapy. Am. J. Die. Child, 135:516-20.

Ennever, J.F., Knox, L., Denne, S.C. and Speck, W.T. (1985) :

Phototherapy for neonatal jaundice, in vivo elearance of bilirubin photoproducts . Pediat. Res., 9: 205-8.

Escobedo, M.B. and Barten, L.L. (1974):

The frequency of jaundice in neonatal bacterial infections. Clin. pediatr. 13:656.

Flesher, B.F., Naidman, J.E., Carpio, N.M. (1978):

Bilirubin metabolism in fetus. Pediatr. Res., 12:838.

Fletcher, M.A., McDonald, M.F., and Avery, G.B. (1983) :

Atlas of procedures in neonatology. Philadelphia:Lippin
Cott.

Fok, T.F., Lau, S.P., Hui, C.W., Fung, K.P. and Wan, C.W.(1986):

Transcutaneous bilirubinometer: its use in chinese term
infants and the effect of haematocrit and phototherapy on
the TCB index aust. Paediatr. J., 22(2):107-9.

Forfar, J.O. and Arneil, G.C. (1984) :

Textbook of pediatrics. 3rd ed. chapter 5 , Churfhill
Living Stone. Edinburgh, London, P.183-190.

Freed, (1987) :

Pediatr. Res. 21:267a,1987.

Friedman, L. Lewis, P.J. and Difton, P. (1978):

Factors influencing the incidence of neonatal jaundice.
Biol. Med. J., 1:1235.

Gartner, L.M. (1981) :

Disorders of bilirubin metabolism. In:Nathan, D.G. and
Osk, F.A. (eds.): Hematology of infancy and childhood.
Second edition, W.B. Saunders Co., Philadelphia, P.86.

Gartner, L.M. and Lee, K.S. (1977):

Jaundice and liver disease. In:Behrman, R.E. (ed):
Neonatal perinatal medicine. 1st ed., Louis, C.V.,
Mosby , London, P.394.

Gartner L.M. (1983) :

Breast Milk Jaundice, In R. L. Levine and M. J.
Maisels (Eds.), Hyperbilirubinemia in the Newborn:
Eighty Fifth Ross Conference on Pediatric Research
Columbus, Ohio:Ross Laboratories, 1983.

Gartner, L.M. and Lee, K.S. (1984):

Jaundice and liver disease unconjugated hyperbiliru-
binemia. In:Forfar, T.O. and Arneil, G.G. (eds), Text-
book of pediatrics, 3rd ed., chapter 5, Churchill
Living Stone. Edinburgh, London, P.75.

Gianta, F. (1971) :

A one year experience with phototherapy for jaundice
of prematurity. Pediatrics, 47:123.

Glader , R.E. (1984) :

Hemolytic disease of the newborn due to Rh
incompatibility. In: Textbook of Schaffer's Disease
of the newborn. 5th edition. W.B. Saunders Co.,
Philadelphia, P.590.

Goodlin, R. and Loyd, D et al., (1968) :

Fetal tracheal excretion of bilirubin. Biol. Neonate.
12:1.

Gourley , G.R. (1986):

Lancet 1:644, 1986.

Gorden, E.R. Shaffer, E.A. and Sass-Kortask, A. (1976):

Bilirubin secretion and conjugation in the Crigler-Najjar Syndrome. Gastroenterology, 70:761.

Gosset, I.H. (1960):

A peropex icterometer for neonates. Lancet, 1:87.

Gray,O.P. Campbell,A.G., Kerr,M.M. (1984):

The newborn. In: Forfar, J.O. and Arneil, G.C. (eds): Textbook of paediatrics, 3rd. ed, chapter 5, Churchill Living stone, Edinburgh. P.173.

Hannemann,R.E., De Witt,D.P. and Wiechel,J.F. (1970):

Neonatal serum bilirubin from skin reflectance, Pediatr. Res. 12:207.

Hannemann,R.E., De Witt,D.P. and Hanley, E.J. (1979):

Determination of serum bilirubin by skin reflectance: Effect of pigmentation. Pediatr. Res. 13:1326.

Hannemann,R.E., Schreiner,R.L. Dewitt,D.P. (1982):

Evaluation of the Minolta bilirubin meter as a screening device in white and black infants. Pediatrics, 69:107-9.

Hansen,T.W.R. and Bratlid,D. (1986):

Bilirubin and brain toxicity (review article)
Acta Paediatr. Scand. 75:513.

Hardy, J., Brunner, R. and Napier, J.A.F. (1981):

HDN (ABO and Rh). J. Obstetr. Gynaeco., 88:
91.

Harper, R.S., Sia, C.G. and Kinnery, C.M. (1980):

Clinical Lab. evaluation of American optical
bilirubinometer. Clin. Perinatology. 7:75.

Harris, H. (1975):

G6PD Variant. In: The principles of human
biochemical genetics: 2nd edition. North.
Holland. Publishing Co., London, P.12.

Heick, C., Mieth, D., Fallenstein, F., Schubiger, G., Nars, P.W.

Amato, M. (1982):

Transkutane bilirubin messung beim. Neo-
geborenen. Helv. Paediatr. Acta; 37:589-97.

Hegyí, T. Hiatt, I.M. Indy, K.L. (1981):

Transcutaneous bilirubinometry. Correlations
in term infants. J. Pediatr; 98:454-7.

Hegyí, T., Hiatt, I.M., Gartner, I. and Indy, K.L. (1981):

Transcutaneous bilirubinometry. The cephal-
oudal progression of dermal icterus. Am. J.
Dis. Child. 135(6):547-9.

Hegyí, T. Graft, M., Zapanta, V., Hiatt, I.M., Sisson, T.R.

(1986):

Transcutaneous bilirubinometry. III Dermal
bilirubin Kinetics under green and blue light
phototherapy. Am. J. Dis. Child.; 140 (10):
994-7.

Henriksen, N.T. (1981):

Cholestatic jaundice in infancy, the importance of familial and genital factors in aetiology and prognosis. Arch. Dis. Child. 56:622.

Hovi, L. and Simer, M.A. (1985):

Exchange transfusion for neonatal hyperbilirubinemia. Acta. Pediatr. Scand, 74:360.

Hsia, D.Y.Y. Dowben, R.M. and Riabor, S. (1963) :

Inhibitors of glucuronyl transferase in the newborn. Ann. N.Y.A. Acad. Sci, III:326.

Israel, L.G., Yamamoto, T. and Shanderberg, J. (1963):

Shunt bilirubin. Science, 139:1054.

Jacobsen, J. (1969) :

Binding of bilirubin to human serum albumin. FEBS, Lett. 5:112.

Joh, P. Cloherty (1991) :

Anemia in neonates in: Manual of neonatal care. 3rd ed. Chap 16, Little, Brown Co., Boston, P. 337.

Jansen, F.H. and Biling, F. (1971) :

The identification of monoconjugate of bilirubin in bile as mid-derivative. Biochemis. J., 125:917.

Johnson J. D. (1984):

Am. J. Dis. Child. 138: 1047, 1984.

Kapitulink, J., Horner, M. and Russel, A. (1974) :

Increase in bilirubin binding affecting serum with age of infants. J. Pediatr. , 86:442.

Kapitulink, J., Valaes, T. and Kanfmann, N.H. (1975):

Clinical evaluation of sphaolex gel filtration in estimation of bilirubin binding in neonatal jaundice. Arch. Dis, Child. 49:886.

Kaplan, E., Herz, F., Robinson, L.D. and Scheye, E. (1976):

ABO hemolytic disease of the newborn, Am. J. Hematol., 1:279.

Kasai, M., (1980):

Long term follow-up after surgery for biliary atresia in long term follow-up in congenital anomalies. The surgical viewpoint. CMA Journal 123:1218.

Keenan, K.K., Novak, J.M., Sutherland, D.A. (1985):

Morbidity and mortality associated with exchange transfusion. Pediatrics 75 (Suppl): 417.

Kim, M.H., Yoon, J.J., Sher, J., (1980): Lack of predictive indices in kernicterus: A comparison of clinical and pathologic factors in infants with or without kernicterus. Pediatrics 66:852.

Knox, J., Ennervet, J.F. and Speck, W.T. (1985):

Urinary excretion of isomers of bilirubin during phototherapy. Pediatr. Res.; 19:198-201.

Knudsen, A. (1990):

The cephalocaudal progression of jaundice in newborns in relation to the transfer of bilirubin from plasma to skin. Early, Hum. Dev. 22(1):23-8.

Knudsen, A. and Brodersen, R. (1989):

Skin colour and bilirubin in neonates. Archives of disease in childhood. 64:605-609.

Kopelman, A.E., Broun, R.S. and Odell, G.B. (1972):

The bronze baby syndrome, A complication of phototherapy. J. Pediatr., 81:466.

Kopelman, A.E. Ey, J.L. and Lee, H. (1978):

Phototherapy in the newborn infants with G-6-PD deficiency. J. Pediatr., 93:497.

Kostina, J.E. Cantow, B.F. and Matzel, F.A. (1967):

Autohemolysis of cord blood in congenital spherocytosis and ABO compatibility.

J. Pediatr., 70:273.

Lan, S.R., and Funs, K.P. (1984):

Serum Bilirubin kinetics in intermittent phototherapy of physiological jaundice. Arch. dis., child., 59:892-4.

Landaw, S.A., Callahan, E.W. and Schmid, R. (1970):

Catabolism of heme in vivo. J. Clin. Inces., 49: 914.

Landing, B.H. (1974):

Considerations of the pathogenesis of neonatal hepatitis, biliary atresia and choledochal cyst, the concept of infantile obstructive cholangiopathy. In: Bill, A.H. and Kasai, M. (Eds.): Progress in pediatric surgery, , Vol.2; Baltimore, PP.113-139.

- Lamola, A. A. Blumberg, W.E. , McCloed, R. (1981) :**
 Photoisomerized bilirubin in blood from infants receiving phtotherapy . Pro. Co Nat. Acad. Sci, U.S.A 78:1882.
- Lawson, E.E. and Boggs, J.D. (1977) :**
 Long term follow-up of neonatal hepatitis. Pediatrics. 53:650.
- Lemaitre, B. Toubas, P.L. and Guitho, T.M. (1977) :**
 Effect of phototherapy on gonadotrophins. Biol. Neonate, 17:113.
- Laster, R., and Klein, P.D. (1966) :**
 Bilirubin . J. Clin. Invest. 54:1839.
- Laster, R. and Troxier, R.F. (1969) :**
 Recent advances in bile pigment metabolism. Gastroenterology. 280:779.
- Levi, A.J.J. (1969) :**
 Clin. Invest. 48:2156,1969.
- Levi, R.L. , Fredrick, W.R. and rapaport, S.I. (1982) :**
 Perinatal influence of hyperbilirubinemia on the newborn infant. J. Pediatr. 69:255.
- Levi, A.J., Gatmaitan, Z. and Arias, I.M. (1970) :**
 Deficiency of hepatic organic anion-binding protein, impaired organic uptake by liver and physiologic jaundice in newborn monkeys. New. Wng. J. Med.,283:1136.

Levokoff, A.H. , Westphal, M.C. and Finker, J.E. (1970) :

Evaluation of American optical bilirubinometer. Am. J. Clin. Path., 54:562.

Lucey, J.F. (1982) :

Pediatrics 69:381.1982.

Lucey, J.F. (1983) ;

Editorial Comment. In F.A. Oski and J. A. Stockman (Eds) ,Year book of pediatrics. Chicago: Year Book Medical Publishers, P. 37., 1983.

Lucey, J.F., Arias, I.M. and McKay, R. (1960) :

Transient familial hyperbilirubinemia. Am. J. Dis. Child. 100:787.

Maisels, M.J. (1983) :

Clinical Studies of the Sequelae of Hyperbilirubinemia. In R.L. Leven and M.J. Maisels (Eds) Hyperbilirubinemia in the Newborn:Eighty-Fifth Ross Conference on Pediatric Research. Columbus, Ohio: Ross Laboratories, P. 26, 1983.

Maisels, M.J. (1987) :

Neonatal Jaundice. In G.B. Avery (Ed) Neonatology. Philadelphia:Lippincott, 1987.

Maisels , M.J. and Newman, T.B. (1990):

Jaundice in the Healthy Term Infant:Time for Reevaluation. In Yearbook of Neonatal and Perinatal Medicine,Mosby Year Book Inc. New York . P.xiii 1990.

Maisels, M.J. (1990) :

Neonatal Jaundice Maisels M. J. (ed) Clinics in Perinatology 17:1,1990.

Mather A.: (1960) :

Reliability of Bilirubin Determinations in Icterus of the Newborn Infants Pediatrics 26:350-354 (Sep.) 1960.

Maynard, E.A., Schulz, R.L. and Pease, D.C. (1957) :

Electron microscopy of the vascular bed of rat cerebral cortex. Am.J. Anat., 100:409-34.

Meloni, T. Corti, K., Naitana, A.F. (1982) :

Effect of phototherapy on G-6-P.D. infants. J. Pediatr., 97:974.

Mollison, P.L. (1983) :

Erythroblastosis fetalis. Lancet, 1:429.

Mojel, M., Reba, R.C. and Atman, R. P. (1981) :

Hepatobiliary scintigraphy with TC PIPA in evolution of neonatal jaundice. Pediatrics.,67:140.

Mowat, A.P. , Psacharopoulos, H.T. and Williams, R. (1976) :

Extrahepatic biliary atresia versus neonatal hepatitis. Review of 137 prospectively investigated infants Arch. Dis Child., 51:763.

National Institute of Child Health and Development (1985) :

Pediatrics (Suppl.)72:385,1985.

Odell, G.B., Gutcher, G.R., Whitinsten, P.F. (1983):

Enteral administration of agar as an effective adjunct to phototherapy of neonatal hyperbilirubinemia. *Pediat. Res.*; 17:810.

Odell, G.B. and Schutta (1985):

Bilirubin encephalopathy, In: McGudes, D.W. (ed): Cerebral energy metabolism and metabolic encephalopathy. 2nd ed. Plenum Press. New York.; P.1120.

Odievery, M., Pinon, F., Shirir, M. and Saurageot, M. (1970):

La fraction de bilirubin non-conjuguee et non liee al L'albumine au cours des hyperbilirubinemies. neonateles. *Arch. Franc. Pediatr.* 27:255.

Odievery, M., Martin, J.P. (1976):

Alpha-1-antitrypsin deficiency in liver disease in children. Phenotypes, manifestations and prognosis. *Pediatrics*; 57:226.

Onishi, S., Itoh, S., Isobe, K. (1982):

Mechanism of development of bronz baby syndrome in neonates treated with phototherapy. *Pediatrics*. 69:273-6.

Osborn, I.M. and Bolus, R. (1985):

Breast milk jaundice. *J. Fam. Pract.*, 20:475.

Poland, R.D. and Ostrea, S. (1979):

Neonatal hyperbilirubinemia. In: Kalus, M. and Fanaroff, A. (eds): Care of high risk neonates. P.167.

Powell, L.W., Henningway, E., Billing, B.H. (1976):

Idiopathic unconjugated hyperbilirubinemia. (Gilbert's Syndrome). New Engl. J. Med. 277:1108.

Rhudolph, A.M., Heyman, M. and Hlat, G. (1965):

Distribution of the circulation in the fetus in the utero circulation. *Pediatr.*, 32:183.

Richard, L., Schreiner and Melvin, R., Glick, (1982):

Interlaboratory bilirubin variability. *Pediatrics* Vol. 69 No. 3.

Ritter, D.A. (1982):

A prospective study of free bilirubin and other risk factors in the development of kernicterus in premature infants. *Pediatrics*, 69:260.

Robert, E. Hannemann, Richard, L., Schreiner, David, P. Dewill (1982):

Evaluation of the Minolta bilirubin meter as a screening device in white and black infants. *Pediatrics*, January, Vol. 69, No.1

Rolf, R., E. (1982):

Nuances or Nuisances for cutaneous bilirubinometry? *Pediatrics*, January, Vol.69, No.1.

Roth, P. and Polin, R.A. (1988):

Controversial topics in Kernicterus. Clin.
Perinatal 15(4):965.

Rubaltelli, F.F., and Caril, M. (1971):

The effects of light on cutaneous bilirubin,
Bio Neonates 18:457.

Rutstein, D.P., Gtelli, W.P. and Nickerson, R.J. (1969):

Heparin and human lipid metabolism. Lancet,
1:1003.

Scheidt, P.C. (1977):

Kernicterus in term infant. J.Pediatr.
91:292.

Schennan, A.T., Cherion, A.G., Angel, A., Bryon, M.H. (1976):

The effect of intralipid on the estimation of
serum bilirubin in the newborn infant. J.
Pediatr.; Feb, 88(2):285-8.

Schiff, D., Aranda, J.V., Colle, C. (1971):

Effects of exchange transfusion. J. Pediatr.,
79:589.

Schmid, R., Marver, H.S. and Hammaker, L. (1969):

Enhanced formation of rapidly labeled
bilirubin. J. Clin. Invest. 51:2450.

Schmid, R. (1971):

More light on neonatal hyperbilirubinemia.
New Eng. J. Med., 285:520.

Schmid, R. (1972):

Bilirubin metabolism in man. *New Engl. J. Med.*, 287:703.

Schmid, R. (1978):

Bilirubin metabolism. *Gastroentrology*, 74:1307.

Schmorl, G. (1903):

Zur kenntis des ikterus neonatorum, insbesondere der dabei auftretenden. Gehirnveränderungen. *Verhand, D. Deutsch Path. Ges.* 6:109.

Schreiner, R.L., Hannemann, R.E., De Witt, D.P. (1979):

Relationship of skin reflectance and serum bilirubin: Full term caucasian infants. *Hum. Biol.* 51:31.

Schubiger, G., Mullis, P. Korber, H.R. (1986):

Transcutaneous determination of bilirubin in the neonatal department: an analysis of its uses. *Helv. Paediatr. Acta.* Aug. 41(3):183-6.

Schumacher, R.E. (1990):

Noninvasive measurements of bilirubin in the newborn. *Clin. Perinatal.* Jun. 17(2): 417-35.

Seligman, J.W. (1977):

Recent and changing concepts of hyperbilirubinemia. *Ped. Clin. North. Am.* 24: 509-526.

Sharp, H. L. and Markin, B. I. (1970) :

Phenobarbital enzyme induction and bile secretion in intrahepatic cholestasis, Clin. Res. 18:344.

Silverman, W.A. Andersen, D.H., Blanc, W.A. (1956) :

A difference in mortality rate and incidence of kernicterus among premature infants allotted to two prophylactic antibacterial regimenms. Pediatrics. 18:614.

Smith, D.W., Hooper , A.O. , Shahin, S.M. (1970):

Hereditary hemolytic anaemias. J. Pediatr. Gastroentrol. Nut. 3:77.

Speck, W. T. (1979):

Effect of phototherapy on fertilization and embryonic development . Pediatr. Res. 13:506.

Stamy, C.C. and Diamond, L.K. (1957) :

Congenital hemolytic anemia in the newborn . Am. J. Dis. Child., 49:616.

Stern, L.S. and Cashore, S., (1985):

Phototherapy for neonatal hyperbilirubinemia. pediatrics. 35:493.

Stevenson D.K. (1986) :

Bilirubin Metabolism in the infant of the Diabetic Mother . An Overview In S. G. Gabbe and W. Oh (Eds) Infant of the Diabetic Mother: Report of 93rd Ross Conference on Pediatric Research. Columbus, Ohio: Ross Laboratories P.109,1986.

Tan, K.L. (1982):

Transcutaneous bilirubinometry in full term chinese and Malay infants. *Acta. Poediatric Scand.*, 71:593-596.

Tan, K.L. (1985):

Transcutaneous bilirubinometry in chinese and Malay neonates. *Ann.Acad.Med. Singapore.* Oct., 14(4):591-4.

Tan, K.L. and Mylvaganam, A. (1988):

Transcutaneous bilirubinometry in preterm very low birth weight infants. *Acta. Paediatr. Scand.* 77:796-801.

Taylor, W.F. and Qaqundah, B.Y. (1972):

Neonatal jaundice associated with cystic fibrosis, *Am. J. Dis. Child.* 123:161.

Tenhunen, R., Marver, H.S. and Schmid, R. (1969):

Microsomal heme-oxygenase. *J. Biol. Chem.*, 244:6588.

Tenhunen, R., Marver, H.S. and Pimstone, N.R. (1972):

Bilirubin metabolism. *Biochemistry.* 11:1716.

Theler, M.M., Gemes, D.L. and Bakken, A.F. (1971):

Enzymatic Conversion of the heme to bilirubin in normal and starved rat fetus and newborn rats. *Pediatr. Res.*, 6:197.

Theler, M.M. (1982):

Neonatal hyperbilirubinemia. *J.Am.A.* 237:58.

- Strange, M. Cassidy, G. (1985) :**
 Neonatal transcutaneous bilirubinometry. Clin.
 perinatal , Feb., 12(1):51-62.
- Sullivan, D.W. and Glader, B.E. (1982) :**
 Hemolytic anemias , due to enzyme deficiency. ped.
 Clin. North., Am. , 27:449.
- Tovey, G.H. (1980) :**
 Should ant+Dig be given antenatally? Lancet, II:466.
- Tucco, J. and Brown, A. K. (1967) :**
 Neonatal manifestations of hereditary spherocytosis.
 Am. J. Dis. Child. 113:263.
- Tudehope, D.I., Change, A., (1982) :**
 Noninvasive method of measuring bilirubin levels in
 newborn infants. Med. J. Aust. Feb.20, 1(4):165-8.
- Tuffy, P. Brown, A.K. and Zucher, W.W.(1969) :**
 Hereditary spherocytosis. Am. J. Dis. Child 98:227.
- Turkel, S.B., Guttenberg, M.E, , Moynes, D.R. (1980):**
 Lack of identifiable risk factors for kernicterus.
 Pediatrics. 66:502.
- Uchida, K. Kaneoka, T. Tchiara, J. Shirakawa, K. (1988) :**
 Fundamental studies on transcutaneous bilirubinometry
 in newborn infants. Nippon. Sanku. Fujink. Gakkai,
 Kasshi, Feb., 40(2):167-73.
- Vaisman, S.L. (1975) :**
 Clin. Perinatol 2:37, 1975.
- Vaisman, S.L. and Gartner, L. M. (1975) :**
 Pharmacologic treatment of neonatal hyperbilir-
 ubinemia. Clin. Perinatol. 2:37.

Valentino, M.N. (1971):

Deficiencies associated with Embden. Myerhof pathway and metabolic pathways Clin. Hematol. 8:348.

Valdes, J. Kipouror, K. and Petmezaki, S. (1980):

Effectiveness and safety of prenatal phenobarbital for prevention of neonatal jaundice. Pediatr. Res 541:52.

Van-Praagh, R. (1961):

Diagnosis of kernicterus in the neonatal period. Pediatrics, 28:875.

Vest, M.F., Strebel, L. and Havenstein, D. (1965):

The extent of shunt bilirubin and erythrocyte survival in the newborn infants measured by administration of N¹⁵ glycine. Biochem. J. 95:112.

Vohr, B.R. (1990):

New approaches to assessing the risks of hyperbilirubinemia. Clin. Perinatol. Jun., 17 (2): 293-306.

Walker, W., Fairweather, D.V. and Johnes, P. (1969):

Examination of liquor amnii as a method of predicting severity of hemolytic disease of the newborn. Br. M. J., 2:241.

Waters, W.J. and Porter, E.G. (1984):

Indication for exchange transfusion based upon the role of albumin in the treatment of hemolytic disease of the newborn. *Pediatrics*. 33:749.

Weiss, J.S., Gauntam, A., Lauff, J.J. Sundber, W.W. (1983):

The clinical importance of protein bound fraction of serum bilirubin in patient with hyperbilirubinemia. *N.Engl.J.Med.*, 30:147-50.

Wennberg, R.P. (1978):

Hemolytic disease of the newborn. *J. Pediatr.*, 92:789.

Williams, R.A., Pitts, L.L., Weinerth, J.L., and Diammelto, P.A. (1971):

Clinical laboratory evaluation of American optical bilirubinometer. *J. Pediatr.* 79:671.

Williams, R.A., Cashore, M. and Stern, L. (1982):

Neonatal hyperbilirubinemia. *Ped. Clin. North. Am.*, 29:1191-1203.

Wolkoff, A.W. and Chung, G. (1978):

An organic anion binding isolated from rat liver cell plasma membrane. *Gastroentrology.*, 75:995.

Woody, N.C. and Brodkey, M.J. (1974):

Tanning from phototherapy for neonatal jaundice. *J.Pediatr.* 82: 1042.

- Wysowski, D.K., Flynt, J.W., Ghan, L., Lee, G. and Warenam, C.
(1978):
Fetal bilirubin metabolism. *Pediatrics*. 61:
165.
- Yaffe, S.J., Levy, G., Matsuzawa, T. and Balliah, T. (1960):
Enhancement of glucuronide conjugating capacity in a hyperbilirubinemic infant due to apparent enzyme induction by phenobarbital *New Eng. J. Med.*, 275:1461.
- Yamanouchi, I., Yamauchi, Y., Igarashi, I. (1980):
Transcutaneous bilirubinometry. Preliminary studies of non-invasive Okayama National Hospital. *Pediatrics*. 65:195-202.
- Yamanouchi, I., Yamauchi, Y. (1988):
Transcutaneous bilirubinometry. Effect of irradiation on the skin bilirubin index. *Biol. Neonate*. 54(6): 314-9.
- Yamauchi, Y., Yamanouchi, I. (1989):
Transcutaneous bilirubinometry: Bilirubin kinetics of the skin and serum during and after phototherapy. *Biol Neonate*. 56(2):263-9.
- Yamauchi, Y. and Yamanouchi, I. (1989):
Transcutaneous bilirubinometry, inter-instrumental variability of TcB instruments. *Acta. Paediatrica. Scand*. 78:844-847.
- Zeltzer, P.M., Neerhout, R.C., Fonkalsrud, E.W. and Stiehm, E.R.
(1974):
Differentiation between neonatal hepatitis and biliary atresia by measuring serum-alpha-protein. *Lancet*. 1:373.

Zulelzer W.W. (1954) :

Am. J. Dis. Child 88:319,1954.

Zulelzer W. W. and Brown A.K. (1961) :

Neonatal jaundice : A. Review, Amer J Dis Child 101:87
- 127(jan.) 1961.

Zulelzer W.W. (1954) :

Am. J. Dis. Child 88:319,1954.

Zulelzer W. W. and Brown A.K. (1961) :

Neonatal jaundice : A. Review, Amer J Dis Child 101:87
- 127(jan.) 1961.