

REFERENCES

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- * Abdel-Halim A, Badr-El Din SH, Abdel- Latif M, Abdel - Aal A and Manoud BZ (1986):
Prediction of Sepsis among high-risk newborns. The Gazette of the Egyptian Pediatric Association, 34 (1-4) : 149.

- * Adamkin D (1977);
New uses for exchange transfusion. Pediatric Clinics of North America, 24 : 599.

- * Adinolfi M (1970):
Levels of two components of complement (C4 and C3) in human fetal and newborn sera. Arch Dis Child 50: 562 - 564.

- * Adinolfi M and Beck S (1976):
Human complement C7 and C9 in fetal newborn sera. Arch Dis child, 50: 562-564.

- * Adinolfi M and Bradwell AR (1980):
Synthesis of two components of human complement, BIH and C3b- INA during fetal life. Acta Pediatr Scand, in press.

- * Adler S M and Denton RL (1975):
The erythrocyte sedimentation rate in the newborn period. J Pediatr; 86 : 942-948.

* Aloisi RM (1988):

Introduction to immunology. In: Principles of Immunology and Immunodiagnostic. Lea & Febiger. Philadelphia, U.S.A. 3-8.

* Ambruso DR, Altenburger KM, Johnston RB (1979):

Defective oxidative metabolism in newborn neutrophils; discrepancy between superoxide anion and hydroxyl radical generation. *Pediatrics*, 64: 722-725.

* Amer J, OttE, Ibbott FA, et al. (1963):

The effect of monthly gamma globulin administration on morbidity and mortality from infection in premature infants during the first year of life. *Pediatrics*; 32 : 4-9.

* American collage of chest physicians and society of Critical care Medicine Consensus conference committee (1992):

Definitions for sepsis and organ failure and guidelines for the use of innovative Therapies in sepsis. *Chest*; 101 : 1644 - 55.

* Anderson DC, Hughes BJ and Smith CW (1981):

Abnormal mobility of neonatal polymorphonuclear leukocytes. *J Clin Invest* 68 : 863-74.

- * Antony BF and Okada DM (1977):
The emergence of group B streptococci in infections of the newborn infant. Ann Rev Med; 28, 355-369.
- * Antony, BF, Okada DM and Hobel CJ (1978):
Epidemiology of group B streptococcus: Longitudinal observations during pregnancy. J Infect Dis; 137; 524-530.
- * Baker CJ (1981):
Nosocomial septicemia and meningitis in neonates. Am J Med; 70: 698-701.
- * Baker CJ, Edwards MS and Kasper DL (1981):
Role of antibody to native type III polysaccharide of group B streptococcus in infants infection. Pediatrics, 68 : 544.
- * Backer CJ and Rench MA, (1983):
Commercial latex particle agglutination for detection of group B streptococcal antigen in body fluids. J Pediatrics, 102: 393-395.
- * Ballow M, Faye F, Good RA and Day NK (1974):
Developmental aspects of complement components in the newborn. Clinical and Experimental Immunology, 1974; 259-266.

- * Ballow M, Shira JE and Harden L (1975):
Complete absence of the third component of complement in man. J Clinical Investigation, 56: 703-710.
- * Bankhurst Ad, Morito T and Williams RC (1979):
Studies of human cord blood and adult lymphocyte interactions with in vitro immunoglobulin production. J Clin Invest, 64 : 990.
- * Barden T. (1983):
Premature Labour In: Funaroff A, Martin R. (eds) Behrman's Neonatal - Perinatal Medicine St Louis, CV Mosby.
- * Barnard DR, and Arther MM, (1983):
Fibronectin in the neonate. 102: 453-55.
- * Beaulieu, Audette M, Menard C, Parent C and Duval M (1985):
Fibronectin and sepsis. Am J Pediatr, 75, 8, 155-160.
- * Beezhold DH and Lause DB (1987):
Stimulation of the rate of macrophage interleukin secretion by plasma fibronectin. Immunology Investigation, 16 : 437-49.

* Behrman. RE. (1981):

The leucocyte left shift in clinical and experimental neonatal sepsis. The Journal of pediatrics; 1981; 98 (1): 101-105.

* Belohradsky BH, Ros SR and Marget W (1978):

Exchange Transfusion in neonatal septicemia. Infection; 6: 5, 139.

* Benner, EJ and Micklewait JS et al (1965):

Pharmacology of Enterobacter. Proceedings of the society for experimental biology and Medicine ; 119: 536.

* Bennet R, Eriksson M and Zetterstrom K. (1987):

Neonatal septicemia: Comparison of onset and Risk factors during three consecutive 5-years periods Acta Pediatr Scand; 76: 361-62.

* Bennich H (1974):

Structure of IgE. Prog Immunol; 2:49.

* Berg T (1968):

Immunoglobulin levels in infants with low birth weight. Acta Pediatr Scand; 57: 369-376.

* Berger M and Ghaiter C (1981):

Complement receptors.

Clinical Immunology Review; 1-71.

* Berger M. (1990):

Complement deficiency and neutrophil dysfunction as
Risk factors for Bacterial infection in newborn and
the role of granulocyte transfusion in therapy.
Rev. Infect Dis; vol 12 (supplement) 4. may-June
401-9.

* Bevilacqua MP, Pober JS, Wheeler ME, Cotran RS and
Gimbrone MA (1985):

Interleukin-1 acts on cultured vascular endothelium
to increase the adhesion of polymorphonuclear
leukocytes, monocytes and related leukocyte cell
lines. J Clin Invest, 76: 2003-11.

* Black CM, Plikaytis BD, Wells TW, Ramirez RM, Carlone GM,
Ghilmoney KBA and Reimer CB (1988):

Two sites immunoenzymometric assays for serum IgG
subclasses infant/maternal ratios at full term. J
Immunol Methods, 106. 71.

* Blance W (1959):

Amniotic infection syndrome pathogenesis,
morphology and significance in circumstantial
mortality. Clin Obstet Gynecol, 2 : 705.

* Blazer S, Berant M, and Alonu (1983):

Bacterial meningitis. Effect of antibiotic
treatment on cerebrospinal fluid. Am J Clin
Pathol, 80: 386-387.

- * Bohnsack JF, Kleinman HK, Takahashi T, O'shea JJ and Brown EJ (1985):
Connective tissue proteins and phagocytic cell function: Laminin enhances complement and FC-mediated phagocytosis by cultured human macrophages
J Exp Med; 161: 645-68.
- * Bohnsack JF, O'Shea J and Takahashi et al., (1985):
Fibronectin enhanced phagocytosis of an alternative pathway activator. J Immunol; 150: 1412-1420.
- * Bohnsack JF and Zhoux (1992):
Divalent cation substitution reveals CD18 and very late antigen-dependant pathway that mediate human neutrophil adherence to fibronectin. J Immunol; 149; 1340-1347.
- * Borsos T (1971):
Immunoglobulin classes and complement fixation.
Progress in immunology, New York: Academic P, 841.
- * Borsos, T. Rapp H, and Mayer, MM (1961):
Studies on the second component of complement; II.
J Immunol; 87, 326.
- * Bortolussi R and Selliger HPR (1990):
Infectious Diseases in the fetus and newborn infant. Philadelphia, WB Saunders Co, PP 812-833.

- * Boyer KM, Gadzala CA, Kelly PD, et al. (1983):
 Selective intrapartum chemoprophylaxis of neonatal group B streptococcal early onset disease II. Predictive value of prenatal cultures. J Infectious Dis, 148: 802-809.
- * Boyle RJ, Chandler BD, Stonestreet BS, et al (1978):
 Early identification of sepsis in infants with respiratory distress. Pediatrics; 62: 744-750.
- * Brown, EJ and Bekisz, J (1984):
 New antigens appear in human IgG upon antigen binding: Detection by antibodies that react specifically with antigen bound IgG J Immunol, 132 : 1346.
- * Brown, EJ Joiner, KA, Frank, MM (1984):
 Complement Fundamental Immunology. New York: Raven, P 645.
- * Bruce Mc Baly JE Medvik KA and Berger M (1987):
 Pediatric res; 21: 306-11.
- * Buetow KC, Klein SW and Lame RB (1965):
 The characteristic treatment and prevention of septicemia in premature infants. Am J Dis Child; 110-29.

* Cates KL (1983):

Host factors in bacteremia. The American Journal of medicine; 28: 19-25.

* Chan AC, et al (1984):

The 20 faces of the fourth component of complement. Immunol Today; 5 : 200.

* Chirico G, Rondini G, Plebani A, et al. (1987):

Intravenous gamma globulin therapy for prophylaxis of infection in high risk neonates. J Pediatr; 110:437.

* Christensen RD (1987):

Morphology and concentration of circulating neutrophils in neonates with bacterial sepsis. Pediatr Infect Dis J; 6 : 429-430.

* Christensen RD and Rothstein G (1979):

Pitfalls in the interpretation of leucocyte counts in newborn infants. Am J Clin Pathol; 92: 608-611.

* Christensen RD and Rothstein G (1980):

Exhaustion of mature marrow neutrophils in neonates with sepsis. J Pediatr; 96 : 316.

* Christensen RD Bardley and Rothstein G (1981):

The leucocyte shift in clinical and experimental neonatal sepsis. J Pediatr, 98:101.

- * Christensen RD, Rothstein G, Anstall HB et al (1982):
Granulocyte transfusion in neonates with bacterial infection, neutropenia and depletion of mature marrow neutrophils. Pediatrics; 70, 1.
- * Christensen RD, Hill HR, Anstall HB, et al (1984):
Exchange transfusion as an alternative to granulocyte concentrate administration in neonates with bacterial sepsis and profound neutropenia. J Clin Apheresis; 2, 177.
- * Clark LA and Easmon CSF (1986):
Opsonic requirements of staphylococcus epidermidis. Journal of Medical Microbiology; 22: 1-7.
- * Collier LF, Saba TM, Lewis E, Vincet PA, and Charash WE (1987):
Plasma fibronectin therapy and lung protein clearance with bacteremia after surgery. J Appl Physiol; 63 : 623-33.
- * Concannon P et al; (1986):
Diversity and structure of human T-cell receptor B chain variable region genes. Proc Natl Acad Sci USA; 83 : 6598.
- * Copper MD, Lawton AR and Kincade PW (1972):
A two stage model for development of antibody producing cells. Clin Exp Immunol; 11 : 143.

- * Cornel RP and Saba TM (1973):

Humoral control of colloid clearance by reticuloendothelial system in dogs. Am J Physiol, 225: 1300 - 5.

- * Corrigan JJ (1974):

Thrombocytopenia: A laboratory sign of septicemia in infants and children. J Pediatr, 85: 219-221.

- * Couster WG, Baker PJ and Adler S (1985):

Complement and direct mediation of immune glomerular injury. A new perspective. Kidney int, 203-2033.

- * Cüteberg TJ, Haneberg B and Torgensen T (1984):

Lactoferrin in relation to acute phase proteins in sera from newborn infants with severe infections. Eur J Pediatr, 142: 37-9.

- * Daniels CA et al (1969):

Neutrilization of sensitized virus by the fourth component of complement. Science, 165 : 508.

- * Davis CA, Valzota EH, and Forristal J (1979):

Serum complement levels in infancy: age related changes. Pediatric Research, 13 : 1043 - 1046.

- * Davies DR and Metzger H (1983):

Structural basis of antibody function. Annu Rev Immunol, 1: 87.

- * Cornel RP and Saba TM (1973):

Humoral control of colloid clearance by reticuloendothelial system in dogs. Am J Physiol, 225: 1300 - 5.

- * Corrigan JJ (1974):

Thrombocytopenia: A laboratory sign of septicemia in infants and children. J Pediatr, 85: 219-221.

- * Couster WG, Baker PJ and Adler S (1985):

Complement and direct mediation of immune glomerular injury. A new perspective. Kidney int, 203-2033.

- * Cüteberg TJ, Haneberg B and Torgensen T (1984):

Lactoferrin in relation to acute phase proteins in sera from newborn infants with severe infections. Eur J Pediatr, 142: 37-9.

- * Daniels CA et al (1969):

Neutrilization of sensitized virus by the fourth component of complement. Science 165 : 508.

- * Davis CA, Valzota EH, and Forristal J (1979):

Serum complement levels in infancy: age related changes. Pediatric Research 13 : 1043 - 1046.

- * Davies DR and Metzger H (1983):

Structural basis of antibody function. Annu Rev Immunol, 1: 87.

- * Dellagrammaticas HD, Tapratzi T and Kourakis (1989):
Comparison of five Tests used in diagnosis of neonatal bacteremia. Arch Dis Child, 64 (3): 426.
- * Dietzman DE, Fischer GW and Schoenkecht FD (1974):
Neonatal Escherichia coli septicemia- bacterial counts in blood. J Pediatr, 85: 128-130.
- * Dinarello CA (1984):
Interleukin - 1. Rev Infect Dis, 6 : 51.
- * Domula M, Bykowski K and Wegrnowic Z (1985):
Plasma fibronectin concentration in healthy and septic infants. Eur J Pediatr, 144: 49-52.
- * Donato H, Gebana E, De Cosen KH et al. 1979):
Leucocyte alkaline phosphatase activity in the diagnosis of neonatal bacterial infections. J Pediatr, 94 (2), 242-44.
- * Donowitz LG, Marsik FJ, Fischer KA, et al. (1981):
Contaminated breast milk. A source of klebsiella bacteremia in a newborn intensive care unit. Review of infectious Diseases, 394, 716-20.
- * Donowitz LG; Haley CE and Gregory WW (1987):
Neonatal intensive care bacteremia. Emergence of Gram-positive bacteria as major pathogens. Am J Infect Control, 15 : 141-147.

- * Dossett JH, Williams RC and Quie PG (1969):

Studies on interaction of bacteria, serum factors and polymorphonuclear leukocytes in mothers and newborns. Pediatrics, 44 : 49-57.

- * Dubowitz LMS, Dobowitz V and Goldberg C (1970):

Clinical assessment of gestational age in the newborn infant. J Pediatrics, 77 : 1.

- * Edelman GM (1970):

The structure and function of antibodies. Scientific American, 223:34.

- * Edward MS, Beffone CJ Fusclier AP, et al (1983):

Deficient classical complement pathway activity in newborn sera. Pediatr Res, 17 : 685-688.

- * Edward MS (1986):

Complement in neonatal infections: an overview. Pediatric Infectious Disease ; 5(3): 5: 168-170.

- * Edward MS and Baker CJ (1990):

Principles and practice of infectious diseases. New York. Churchill Living stone Inc, 1554-1561.

- * Edward A (1994):

Coliform bacteria. Principles of bacteriology, Vol 2, Systemic bacteriology, A division of Hoddler, Stoughton, London, Melbourne, Auckland, 405-441.

- * El-Diwany KM, El-Tayeb Sh, Nour NM, Eissa A, El-Feel SA, El-Ramly Z, El-Tobamy F and El-Sawy AGM. (1987):
Bacteriological and clinical aspect of neonatal bacterial infection. The Gazette of the Egyptian Pediatric Association, 35, 182-87.

- * El-Sallab SM, Abdel Aal A, El Tonbary Y and El Kappany MA (1987):
Some aspects of neonatal septicemia of Mansoura Neonatal care unit. Thesis submitted in partial fulfillment for the Master degree in Pediatrics, P 74-94.

- * El-Salab S, Abdel Aal A, El-Tombary Y, El-Morsy Z, et al (1988):
Some aspects of neonatal septicemia in Mansoura special baby care unit. The Egyptian J of Pediatrics, 5 No. 3-4, 269-278.

- * El-Samahi M and El-Tanawy M (1990):
Prediction and follow up of neonatal septicemia by plasma fibronectin. Egypt J of pediatr, 7 (3-4) 389-96.

- * Erdman SH, Christensen RD, and Bradley PP, et al. (1982):
The supply and release of storage neutrophils: a developmental study. Biol Neonate, 41; 132.

- * Evans HE, Alpata so and Glass L (1971):
Serum immunoglobulin levels in premature and full term infants. Am J Clin Pathol, 56: 416-418.
- * Evans HE, Schaffner W, Federspiel CF et al (1988):
Sensitivity, Specificiy and predictive value of body surface cultures in a neonatal intensive care unit. JAMA; 259: 248-252.
- * Faily AR, Cohen J and Burman W et al, (1990):
Monoclonal antibody to TNF in severe septic shock. lancet; 335 : 1275-7.
- * Fearon DT and Wong WW (1983):
complement Ligand receptor interactions that mediate biological responses. Annu Rev Immunol, 1 : 243.
- * Feed Pm, Dowittz RM, Albert RG (1986):
Neonatal infection. N Engl J Med, 315, 1212-30.
- * Feigin RD, Abramson SL and Edward MS. (1987):
Infection in the fetus and neonate. Neonatal-perinatal Medicine, PP. 763-797.
- * Ferrieri P (1990):
Neonatal susceptibility and immunity to major bacterial pathogens. Rev Infect Dis; 12 : 5394-5400.

- * Fetter BF, Klintworth GH and Hendry WS. (1967):
 Mycosis of the central nervous system. Baltimore.
 The willians wilkins co (from feignin et al).

- * Fireman P, Zuchowski DA and Taylor PM. (1969):
 Development of human complement system. Journal of
 Immunol, 103: 25-31.

- * Fischer GW (1988):
 Therapeutic uses of intravenous gamma globulin for
 pediatric infections. Pediatric clinics of North
 America, 35 (3): 517-533.

- * Fleer A, Gerards LJ, Aerts P, Westerdal NAC, Senders RC.
 Van Dikl J and Verhoef J. (1985):
 Opsonic defense to *Staphylococcus epidermidis* in
 the premature neonate. The Journal of Infectious
 Diseases, 152: 930-937.

- * Fleer A, Gerards LJ and Verhoef J. (1988):
 Host defense to bacterial infection in the neonates
 Journal of Hospital Infection, 11 (supplement
 A): 320-327.

- * Ford-Hutchinson AW, Bray MA, Doig MV, Shipley ME and Smith
 J. (1980):
 Leukotriene B, a potent chemokinetic and
 aggregating substance released from
 polymorphonuclear leucocytes. Nature, 286: 264-5.

- * Forman ML and Stiehm ER (1969):

Impaired opsonic activity but normal phagocytosis in low-birth weight infants. N Engl J Med, 281-326.

- * Forman SL, Punjaoi NH, Kumatu S. et al. (1984):

Reduction of mortality in chloramphenicol treated sever typhoid fever by high dose dexamethasone. N Engl J Med; 310 : 82-8.

- * Fujita T and Tamura N (1983):

Interaction of C4 binding protein with cell bound C4b. A quantitative analysis of binding and the role of C4 binding protein in proteolysis of cell bound C4b. J Exp Med, 157 : 1239.

- * Gallin JI (1985):

Leukocyte adherence - related glycoproteins LFA-1, Mol. and P150, 95: a new group of monoclonal antibodies, a new disease, and a possible opportunity to understand the molecular basis of leugocyte adherence. J Infects dis, 152: 661-4.

- * Ganret PO. (1972):

Variation of the concentrations of some plasma proteins in normal adults, pregnant women and in newborns. Scand J clin lab Invest, (suppl). 29 (124) 83-8.

- * Gerdes JS, Yoder MC, Douglas SD. Paul M, Harris MC and Polin RA (1986):
Tracheal lavage and plasma fibronectin;
relationship to respiratory distress syndrome and
development of bronchopulmonary dysplasia. J
Pediatr; 108: 601-6.
- * Gerdes JS, and Polin RA; (1987):
Sepsis screen in neonates with evaluation of plasma
fibronectin. Pediatr Infect Dis. J; 6: 443-446.
- * Gladstone IM, Ehrenkranz RA, Edberg S, et al. (1990):
A ten year review of neonatal sepsis and comparison
with previous fifty year experience. Pediatr Infect
Dis J; 9: 819-825.
- * Goldman AS, Ham Pong AJ and Goldblum PM (1985):
Host defenses: development and maternal
contributions. In: Barness LA, ed Advances in
pediatrics, 32. Chicago.
- * Golestin IM (1985):
Host factors in the pathogenesis. The complement
system - Potential pathogenic role in sepsis. new
York churchill Living stone septic shock; 41-60.

- * Ganz T, Selsed Me, Babior BM, Cournutte JT (1988):
Neutrophil and host defence. Ann Intern Med, 109:
127-42.
- * Gardner P, Bennet JV, Burke JP, McGowan JE and Wenzel RP
(1980):
Nosocomial management of resistant Gram-negative
bacilli- J infect Dis; 141: 415-415.
- * Gasten M. (1988):
Epidemiology of Enterobacter in Hospital. J of
Hospital infection, 11:197.
- * Gaynor E (1973):
The role of granulocytes in endotoxin-induced
vascular injury. Blood; 41 : 797-802.
- * Geme JW III and Polin RA (1988):
Neonatal sepsis; Progress in diagnosis and
management. Drugs; 36: 784-800.
- * Gerdes JS, Yoder MC, Douglas SD and Polin RA (1983):
Decreased plasma fibronectin in neonatal sepsis.
Pediatrics, 72: 877-81.
- * Gerdes JS, Douglas SD, Kolski GB, Yoder MC and Polin RA;
(1984):
Decreased fibronectin biosynthesis by human cord
blood mononuclear cells in vitro. J Leuk Biol,
35: 91-9.

* Goodman JW. (1987):

Immunogenicity and antigenic specificity. In: Basic & Chemical Immunology. Sixth Edition- eds. (Stites DP, Stabo JD, Wells JW). Appleton and Large. Norwalk Connecticut / Los Altos, California. PP: 20-26.

* Goodman JW (1991):

The immune response. Basic and Clinical Immunology, 35-44.

* Goranfex and Niels C.R. Ratha (1990):

Concentration of twelve plasma proteins at birth in very low birth weight in term infants. Acta Paediatr Scand, 79: 729-736.

* Gottof SB and Behrman RE (1970):

Neonatal septicemia. J Paediatr, 76, 142.

* Gottoff SP (1974):

Neonatal immunity. J Paediatr, 85: 149.

* Gotoff SP. (1992):

Sepsis in the newborn. Infectious diseases of children, Ninth Edition Mosby Year Pook, P 402-418.

* Graham CW, Saba TM Lolekhas and Gotoff SP (1973):

Deficient serum opsonic activity for macrophage function in newborn infants. Proc Soc Exp Biol; 143: 991-4.

- * Greenup P and Blazevic DJ (1971):

Enterobacter cloacae susceptibility to drugs.
Applied Microbiology 22:309.

- * Gross S and Melhan DK. (1971):

Exchange transfusion with citrated whole blood
for disseminated intravascular coagulation. J
Pediatr, 78-415.

- * Grossman JE (1987):

Plasma fibronectin and fibronectin therapy in
sepsis and critical illness. Rev Infect Dis; 9
(suppl 4): S 428-30.

- * Gupta AK, Shahi S, Mohan M, Lampa IM and gupta R (1993):

Epidemiology of Pseudomonas infections in a
neonatal intensive care unit. J trop Pediatr, feb;
39; (1): 32-6.

- * Hack M, De Monerice D, Merkatz IR, Jones P and Fanaroff

AA (1981):

Rehospitalization of the very-low birth weight
infant. A continuum of perinatal and environmental
morbidity. Am J Dis Child, 135: 263-266

- * Hahn GS (1982):

Antibody structure, function and active sites. In:
Physiology of Immunoglobulins: Diagnostic and
Clinical Aspects. Bitzman SE, ED: alan R Liss, New
York, 193.

- * Hall RT, Shigeoka AO and Hill AK (1983):

Serum opsonic activity and peripheral neutrophil counts before and after exchange transfusion in infants with early onset group B *Streptococcal* septicemia. *Pediatr Infect Dis*, 8 (5), 356.

- * Hamil RJ (1987):

Role of fibronectin in infective endocarditis. *Rev Infect Dis*; 9 (Suppl 4); S 360-71.

- * Hammad S, Badr El-Din AA, Abdel Latif MT et al. (1980):

Early diagnosis of neonatal septicemia. *The Gazette of Egyptian pediatr Assoc*; Vol 34 1-4 P, 7-13.

- * Handzel ZT, Levin S, Dolophin Z et al (1980):

Immune competence of newborn lymphocytes, *Pediatrics*, 65-491.

- * Hammad S, Abdel-Halim A, Badr-Eldin, Abdel-Latif MT,

Abdel-Aal A and Manoud BZ (1986):

Early diagnosis of neonatal septicemia. *The Gazette of the Egyptian Pediatric Association*; 34 (1-4): 7.

- * Hanson LA, Ahlstedt and Carlsson B et al. (1978):

New knowlodge in human milk immunoglobulins. *Acta Pediatr Scand*, 67, 577-81.

- * Haque KN, Zaidi MH, Bahakim H, et al. (1986):
Intravenous immunoglobulin for prevention of sepsis
in preterm and low-birth-weight infants. *Pediatr
Infect Dis*, 5:622.
- * Haque KN, Zaidi MH and Bahakim H (1988):
IgM-enriched intravenous immunoglobulin therapy in
neonatal sepsis. *Am J Dis child*, 142: 1293-1296.
- * Harris MC and Polin RA (1983):
Neonatal septicemia. *Pediatr clin North Am*; 30 :
243-258.
- * Harris, Levitt J, Douglas SD, Gerdes JS and Polin RA
(1985):
Effect of fibronectin on adherence of neutrophil
from newborn infants. *J Clin Microbiol*; 21: 243-6.
- * Harrison, RA and Lachman PJ (1980):
The physiological breakdown of the third component
of complement. *Mol Immunol*; 17 : 9.
- * Hayward AR and Lydyard PM. (1978):
Suppression of B-lymphocyte differentiation by
newborn T-lymphocytes with an FC receptor for IgM.
Clinical and Experimental Immunology, 34: 374-378.
- * Hayard AR and Lydyard PM (1979):
B-cell function in the newborn. *Pediatrics*, 64:758.

- * Heird WD and Hansen IH (1977):

Effects of colostrum on growth of intestinal mucosa.
Pediatr Res, 2 : 406.

- * Hemming VG, Overall JC and Biritt MR. (1976):

Nosocomial infections in a newborn intensive care
unit. Results of forty-one months of surveillance.
N Engl J Med; 294 : 1310-1316.

- * Herson VC, Krause PJ, Eisenfeld LT et al. (1988):

Indomethacin-associated sepsis in very-low birth
weight infants. Am. J. Dis Child, 142 (5): 555-8.

- * Hill HR, Bolin J. Augustine N, et al. (1983):

Decreased plasma fibronectin in neonatal sepsis.
Pediatrics, 17: 252A.

- * Hill HR, Shiogoka AO, Augustine NH et al. (1984):

Fibronectin enhances the opsonic and protective
activity of monoclonal and polyclonal antibody
against Group B streptococci. J Exp Med, 159, 1618-
28.

- * Hill HR, Augustine NH and Bohnsack JF; (1991):

Molecular mechanism of fibronectin enhancement of
neutrophil phagocytic activity. Pediatr Res; 29 :
157 a.

* Hinkle JA. (1982):

Neonatal sepsis presenting as delayed emergence from general anathesia. *Anaesthesiology*, 57, 412-414.

* Hirsch JG (1982):

Host resistance to infectious diseases. Im. Gallin J I, Fauci AS, eds, *Advances in Host Defence Mechanisms*. Vol. 1. New York: Raven Press, 31-55.

* Holaday JW (1983):

Cardiovascular effects of endogenous opiate system. *Annu Rev Pharmacol Toxicol*; 23 : 541-5.

* Hosmer ME and Sprunt K (1972):

Screening methods for identification of infected infants following premature rupture of maternal membranes. *Pediatrics*; 49 : 283-285.

* Hughes-J.s, N. and Ghosh, S. (1981):

Anti-D coated Rh-positive cells will bind the first component of the complement pathway, C19. *FEBS Lett*. 128-318.

* Hughes-Jones, N.C. and Gohick, B.D. (1982): The binding

and activation of the C1r-C1s subunit of the first component of human complement. *Molec. Immunol*, 1105.

* Hugli TE (1981):

The structural basis for anaphylatoxin and chemotactic function of C3a, C4a and C5a. Crit Rev Immunol; 2 : 321.

* Hugli TE and Morgan EL (1984):

Mechanisms of leukocyte Regulation by complement - derived factors. New York: Plenum, Vol 14, P. 109.

* Hynes R (1985):

Molecular biology of fibronectin. Annual Review of cell biology; 1 : 67-90.

* Hynes RO and Bye JM (1974):

Density and cell cycle dependence of cell surface protein in hamster fibroblast. Cell; 3 : 113-20.

* Hyvarinen M, Zeltzer P, Oh W and Stiehm ER (1973):

Influence of gestational age on serum levels of alpha-1 fetoprotein, IgG globulin, and albumin in newborn infants. J Pediatr; 82: 430-437.

* Ingham HR, Sisson PR, Middleton RL, Narang HK, Codd AA and Selkon JB (1981):

Phagocytosis and killing of bacteria in aerobic and anaerobic conditions. J Med Microbiol. 14: 391-9.

- * Ingram DI, Suggs DM and Pearson AW (1982):
Detection of group B streptococcal antigen in
early-onset and late-onset group B streptococcal
disease J Clin Microbiol; 16: 656-658.
- * Irwin B and Richard JD (1983):
Sensitivity of published neutrophil indexes in
identifying newborn infants with sepsis. J
Pediatrics. Dec; 96:1-63.
- * Ivan M, Rott, Jonathan Brostoff and David K, Male, (1986):
Immunology.
- * Jack GW and Richmond MH (1970):
Enterobacter producing cephalosporinase. J of
General Microbiology; 6-43.
- * Jackson J et al. (1986):
An IgG autoantibody which inactivates C1-inhibitor.
Nature; 323: 722.
- * Jacobs RF, Wells IG, and Steele RW, et al. (1985):
A prospective randomized comparison of cefotaxime
VS- ampicillin and chloramphenicol for bacterial
meningitis. J Pediatr; 107: 129-133.
- * James K (1982):
Complements: Activation, consequences and control.
Am J Med Technol; 48 : 735.

- * Jarstrand C, Ahlgren T and Berghem L. (1982):
Fibronectin increases the motility and phagocytosis
of granulocytes. J Clin Lab Immunol; 8:59-63.
- * Jarvis WR (1987):
Epidemiology of nosocomial infections in pediatric
patients. pediatr Infect Dis J; 6: 344-51.
- * Joan G and Jane R P (1991):
The T cell Receptor. Basic and clinical
immunology; 73-77.
- * Johnston RB and Stroud RM (1977):
Complement and host defense against infection. J
Pediatr; 90: 169-79.
- * Johnston RB, Altenburger KM, Atkinson AW and Curry RH
(1979):
Complement in the newborn infant. Pediatric; 64: 781-785.
- * Joiner KA, Brown EJ and Frank MM (1984):
Complement and bacteria; Chemistry and biology in
host defense. Annu Rev Immunol; 2: 461.
- * Jones JF and Fulginiti VA (1979):
Altered host defenses in patients with bacteremia/
septicemia. In: Pediatr Immunology, Hodes H and
Kagan BM (Eds). PP: 195-197.

* Jungi TW, Imbach P and Barandum S (1984):

Specific and non-specific mechanism of action
immunoglobulin G in therapy of idiopathic
thrombocytopenic purpura (ITP). Blut; 48: 345.

* Kago I, Wouafo, Ndayo-M, and Tchokoteu-PF (1991):

Neonatal septicemia and Meningitis caused by Gram
-ve bacilli in Yaonde Bull- soc. Pathol. Exot, 84
(SPTS).

* Kehry M, et al. (1980):

The immunoglobulin U Chains of membrane-bound and
secreted IgM molecules differ in their C-terminal
segments. Cell; 21:393.

* Kelton JG, Neame PB, Gauldie J and Hirsh J (1979):

Elevated platelet associated IgG in the
thrombocytopenia of septicemia. N Engl J Med; 300:
760.

* Kennedy WA, Hoyt MJ and Mckracken GH Jr (1991):

The role of corticosteriod therapy in children
therapy in children with pneumococcal meningitis.
Am J Dis child; 145: 1374-8.

* Keski-Oja J, Sen A and Todaro GJ. (1980):

Direct association of fibronectin and actin
molecules in vitro. J cell Biol; 85: 527-33.

* Kerr, M.A. (1981):

The second complement of human complement. Methods Enzymol, 80: 54.

* Khalifa AM, Allam M, Nower F, Sabry SI and Hamad MS (1989):

Quantitative and qualitative changes in leucocytic counts in neonatal bacterial infection. The Gazette of the Egyptian Pediatric Association; 37:1.

* Khashaba AAM, Kher-Alla SA, El-Sallab SM, and Khashba MT (1983):

Study of immune competence of the newborn infants and its relation to some neonatal disorders. Thesis submitted in partial fulfillment for the degree of MD (Pediatrics).

* Kim KS and Anthony BF. (1981):

Pencillin tolerance in group B streptococci isolated from infected neonates. J Infect Dis; 144: 411-419.

* Kishimoto TK, O'Conner K, Lee A, et al, (1987):

Cloning of the beta subunit of the leukocyte adhesion proteins. Cell; 48: 681-90.

* Kishimoto T, and Hirauo T: (1988):

Molecular regulation of B lymphocyte. Annu Rev Immunol; 6; 485.

- * Klainer AS and Betsch CJ (1973):

Scanning electron microscopy of the attachment of human polymorph nuclear leucocytes. J Infect Dis; 127: 686-8.

- * Klein and Marcy SM (1990):

Bacterial sepsis and meningitis. Diseases of the fetus and Newborn infant, Philadelphia, WB. Saunders Co. PP. 601-656.

- * Klein RB, Fischer TJ, Grad SE, Biberstein M, Richke and Stiehm ER (1977):

Decreased mononuclear and polymorph nuclear chemotaxis in human newborns, infants and young children. Pediatrics; 60: 467-72.

- * Klogsbrun M (1978):

Human milk stimulates DNA synthesis and cellular proliferation in cultured fibroblasts. Proc Natl Acad Sci 1978; 75: 5057.

- * Knoebel HR et al., (1974):

Enzymatic digestion of the first component of human complement (C1q). J Immunol; 112:2094.

- * Kovar I, Alina NS and Hurlery R: (1983):

Serum complement and gestational age. J obstet Gynaecol 3: 182-186.

- * Kradin RL, McCarthy KM and Schneeberger EE (1986):
Opsonic receptor function is reduced on the surface of newborn alveolar macrophages. Am Rev Respir Dis; 133: 238-44.

- * Krause PJ, Herson VC, Boulin-Lebowitz J, Elsenfeld L, Block C, Lobello J and Maderazo EG (1986):
Polymorphonuclear leukocyte adherence and chemotaxis in stressed and healthy neonates. Pediatr Res; 20: 269-300.

- * Kuender D, Yang M, John F, Bohnsack and Harry R (1993):
Fibronectin in host defense. Pediatr Infect Dis J; 12 : 234-9.

- * Laible NJ, and Germaine GR (1985):
Bactericidal activity of human lysozyme, muramidase-inactive lysozyme, and cationic polypeptides against *Streptococcus sanguis* and *Streptococcus faecalis*: inhibition by chitin oligosaccharides. Infect Immun; 48: 720-8.

- * Lancer ME, Saba TM and Scovill DW. (1980):
Opsonic glycoprotein (Plasma Fibronectin) levels after burn injury: relationship to extent of burn and development of sepsis. Ann. Surg; 192: 776-82.

- * Lancer ME and Saba TM (1982):
Opsonic fibronectin deficiency and sepsis: cause and effect. Ann. Surg. 195: 340-5.

* Larrick JW and Kundel ST (1986):

Is Reye's syndrome caused by augmented release of tumor necrosis factor (Hypthesis) Lancet; 2: 132-3.

* Larsen B and Galask RP (1980):

Vaginal microbial flora: Practical and theoretical relevance. Obstet Gynecol; 55: 100-13.

* Laurenti F, Fero R and Isachi G, et al. (1981):

Polymorphuclear transfusion for the treatment of sepsis in the newborn infant. J Pediatr 1981; 89: 120.

* Lawler SD, Ukaejiofo EO and Reeves BR (1975):

Interaction of maternal and neonatal cells in mixed lymphocyte cultures. Lancet; 2:1185.

* Ledger WJ (1978):

Complications associated with invasive monitoring. Semih perinatol; 2: 187-194.

* Lehrer RI, Daher K, Ganz T, and Selsted ME (1985):

Direct inactivation of viruses by MCP-1 and MCP-2, natural peptide antibiotics from rabbit leukocytes. J Virol; 54: 467-72.

* Lehrer RI, Ganzt, Selsted ME, Babior BM and Curnutte JT (1988):

Neutrophils and Host Defence. Annals of Internal Medicine; 109: 127-42.

- * Lemos L (1976): Aspects hematologiques et cliniques des septicemies neonatales. Rev Med Suisse Remande 96: 589.
- * Lewis L (1991):
Cells of the immune response: Lymphocyte & Mononuclear phagocytes, Basic and clinical immunology; P. 61-72.
- * Liu PV (1976):
Biology of Pseudomonas species Hospital. Pract Jan; 139.
- * Lowry FD and Hammer SM (1983):
staphylococcus epidermidis infections. Ann Intern Med; 99: 834-839.
- * Lubchanon LC, Hansman C and Boyd E (1986):
Classification of newborns based maturity and Intra-uterine growth. Pediatrics; 87 : 403.
- * Maalawi MY (1987):
Some immunoregulatory abnormalities in children in the immune thrombocytopenic purpura. Thesis submitted in partial fulfilment for the degree of MD (Pediatrics) PP: 173.

- * Mancela J, Garcia P and Dinarella (1993):

The interleukin-1 receptor antagonist can either reduce or enhance the lethality of klebsiella pneumoniae sepsis in newborn rats. Infect Immunol, 61:619-32.

- * Manroe BL, Rosenfeld CR, Weinberg AG and Browne R (1977):

The differential leukocyte count in the assessment and outcome of early onset neonatal group B streptococcal disease. J Pediatr 1977; 91:632.

- * Manroe BL, Weinberg AG, Rosenfeld CR and Browne R (1979):

The neonatal blood count in health and disease. J Pediatr; 95:89.

- * Marino JA, Davis AH and Spagnuolo PJ, (1987):

Fibronectin is stored but not synthesized in mature human peripheral blood granulocytes. Biochem Biophys Res Commun; 146: 1132-8.

- * Mark P and Kevin D (1993):

Decreased plasma fibronectin concentrations in preterm infants with septicemia. Arch Dis Child; 68 : 557-560.

- * Marodi L, Leijh PC J and Broat A, et al. (1985):

Opsonic activity of cord blood sera against various species of micro-organisms. Pediatr Res; 19: 433-436.

- * Mather NB, Dwarkadas AM, Sharma VK et al. (1990):

~~Anti~~-Infective factors in preterm human clostrum.

Acta Pediatr. Scand. 1990, 79, 1039-44.

- * McCafferty MH, and Saba TM. (1982):

Comparative influence of blood born particles and staphylococcus aureus on fibronectin, complement and immunoglobulin. Ann Surg; 715-9.

- * McCracken GH and Richenwald FM (1971):

Leukocyte function and the development of opsonic and complement activity in the neonate. Am J Dis Child 1971; 121: 120-126.

- * McCracken GH (1972):

The rate of bacteriologic response to antimicrobial therapy in neonatal meningitis. Am J Dis Child; 123: 547-533.

- * McCracken G, Sarff L, Robbins J, et al. (1976):

Ontogeny of serum and secretory K antibodies. Pediatr Res; 10: 401.

- * McCracken GH (1987):

Perinatal bacterial diseases. Textbook of Pediatric Infectious Diseases. Philadelphia WB Saunders Co; 940-965.

- * McGrath JM and Stewart CJ (1969):
The effects of endotoxin on vascular endothelium. J
Exp Med; 129:833.
- * McIntosh N, Kempson C and Tyler RM (1988):
Blood counts in extremely low birth weight
infants. Arch Dis Child; 63: 74-76.
- * McKeet, Cotton RB, Stratton CW et al. (1982):
Nursery epidemic due to multiple resistant
klebsiella pneumoniae: Epidemiologic setting and
impact on perinatal health care delivery. Infect
Control; 3, 150-56.
- * McNabbe, Kohty, Dorrington KJ and Painter RH (1976):
Structure and function of immunoglobulin domains.
V. finding of immunoglobulin G and fragments to
placental membrane preparations. J Immunol; 117:
882.
- * Mestecky J and Lawton AR (Eds), (1974):
The Immungoblobulin A system. Plenum Press.
- * Micheal MF (1988):
The complement system. Immunological diseases.
Fourth edition Vol 1; 203-231.
- * Miller ME (1971):
Chemotactic function in human neonates; Humoral and
cellular aspects. Pediatr Res; 5: 487-492.

* Miller ME (1979):

Phagocyte function in the neonate: Selected aspects. Pediatrics; 64 (Suppl): 709-712.

* Miller I and Sabata V. (1984):

Immunological aspects of neonatal infections, Gynacol; 106; 715-720.

* Mills EL, Bjorksten B and Quie PG (1979):

Deficient alternative complement pathway activity in newborn sera. Pediatr Res; 13: 1341-1344.

* Minta JO, Jezyk PD and Lepow IH (1976):

Distribution and levels of properidin in human body fluids. Clinical Immunology and Immuno-pathology; 5: 84-89.

* Miyajima A et al. (1988):

Coordinate regulation of immune and inflammatory responses by T cell-derived lymphokines. FASEB J 2; 2462.

* Moffet HL (1981):

Pediatric infectious diseases. P. 448-461. Lippincott Co, Philadelphia, Toronto.

* Moller G. (Ed). (1977):

Immunoglobulin D: Structure, synthesis, membrane presentation and function. Immunol Rev; 37:1.

- * Molnar J, McLain S, Allen G, et al. (1977):

The role of an alpha-2 macroglobulin of rat serum in the phagocytosis of colloidal particles. Biochim Biophys Acta; 493: 77-54.

- * Myrvik QM and Weiser RS (1984):

In: Fundamentals of Immunology. Lea and Febiger (Eds). 2nd Edition. Philadelphia. PP. 62-71.

- * Naeve RL (1979):

Causes of the extensive rates of perinatal mortality and prematurity in pregnancies complicated by maternal urinary tract infections. N Engl J Med 300: 819-823.

- * Naeye RL, Burt LS, Wright DL, Blasc WA and Tatter D (1971):

Neonatal mortality, the male disadvantage. Pediatrics; 48, 902.

- * Nagaoke T, Mitawaki T, Ciorbaru R, Yachie A, Uwadana N, Moriya H, and Taniguchi N. (1981):

Maturation of B cell differentiation ability and T cell regulatory function during child growth assessed in a Nocardia water-soluble mitogendrive system. J Immunol; 126:2015.

- * Nagasawa, S, Ichihara, C, and Stroud RM (1980):

Cleavage of C4b by C3b inactivator: production of a nicked form of C4b, c4b', as an intermediate cleavage product of C4b by C3b inactivator. Immunol; 125:578.

- * Natvig JB and Kunkel HG. (1973):

Immunoglobulins: Classes, subclasses, genetic variants and idiotypes. Adv Immunol; 16:1.

- * Naynesh R., Kamani and Steven D. Douglas, (1991):

Structure and development of the immune system. Basic and clinical immunology P. 9-33.

- * Neuman S; Henrich N, Gunzer G and H. (1983):

Enzyme linked immunoassay for complexes of human granulocyte elastase with alpha-1 proteinase inhibitor in plasma. In Goldberg DM, Werners eds progress in clinical enzymol II. New York Mason, 293.

- * Nicholson-Weller, A., et al. (1983):

Affected erythrocytes of patients with paroxysmal nocturnal hemoglobinuria are deficient in the complement regulatory protein, decay accelerating factor. Proc Natl A cad Sci USA; 80: 5066.

- * Niehaus GD, Dillon BC, Schumaker PT, et al. (1981):

The influence of gelatin on bioassayable and immunoreactive opsonic fibronectin. Proc and Soc exp Biol. Med. 168: 15-23.

* Nillson T and Wiman B (1983):

Kinetics of the reaction between C1-esterase inhibitor and C1r or C1s. Eur Biochem;129:663.

* Notangelo LD, Chirico G, Chiara A, Colombo A, Rondini G, Plebani A, Martini A and Ugazio AG (1984):

Activity of classical and alternative pathways of complement in preterm and small for gestational age infants. Pediatr Res;18; 281-285.

* Ogra SS and Ogra PL (1978):

Immunologic aspects of human colostrum and milk. Journal of Pediatrics; 92: 546-549.

* Ogra SS and Ogra PL (1979):

Components of immunologic reactivity in human colostrum and milk. National Institute of Child Health and Human Development Conference on the Immunology of Breast Milk. In press.

* Ohlsson K and Olsson AS (1978):

Immunoreactive granulocyte elastase in human Serum. Hoppe-seylrs Z physiol; 539: 1531.

* Okada DM, Chaw AW and Bruce VT (1977):

Neonatal scalp and Fetal monitoring, factors associated with infection. Am J obstet Gynecol; 129. 185-189.

- * Okusawa, S. Gelland JA, Ikejima T, Connolly RJ and Dinarello CA. (1988):
Interleukin-1 induces a shock-like state in rabbits: Synergism with tumor necrosis factor and the effect of cyclooxygenase inhibition. J Clin Invest; 81: 1162-72.

- * Olding LB and Oldstone MBA (1976):
Thymus derived peripheral lymphocytes from human newborns inhibit division of their mothers' lymphocytes. Journal of Immunology; 116:682.

- * Omane JA and Diejomach FM (1977):
Factors influencing perinatal mortality in Nigerian community. East Afr Med J; 54: 202.

- * O'Shea JJ, Brown EJ, Seligmann BE, MetCalf JA, Frank MM and Gallin JI (1985):
Evidence for distinct intracellular pools of receptors for C3b. and C3bi in human neutrophils. J Immunol; 134: 2580-7.

- * Overall JC (1987):
Infections of the newborn. In Nelson Textbook of Pediatrics 13th edition eds. (Behrman RF and Vaughan VC). W.B. Saunders company. Philadelphia. London Toronto- Montreal. Synday Jokyo; PP 422-435.

- * Pabst HF, Godel J, Grace M, Cho H and Spady DW (1989):
Effect of breast feeding on immune response to BCG
vaccination. lancet; 11: 295-297.

- * Pahwa SG, Pahwa R, Grimes E and Smithwick E. (1977):
Cellular and humoral components of monocyte and neu-
rophil chemotaxis in cord blood. Pediatric Research
11: 677-80.

- * Papadopoulos DM, Miller LD, Forster REII, et al. (1976):
The role of exchange transfusion in the management
of low-birth weight infants with and without severe
respiratory distress syndrome. J Pediatr; 89:273.

- * Parkman (1984):
Immunology in: A very ME and Taeusch (eds) shaffer
"Diseases of the newborns" 5th ed P. 729 wo
saunders Co.

- * Parmely MJ, Beer AE and Billingham RE (1977):
In-vitro studies on the T-lymphocyte population of
human milk. Journal of Experimental Medicine;
144: 358-370.

- * Paul RS and Kumar A (1984):
Value of leucocyte alkaline phosphatase and other
leucocyte parameters in diagnosis of neonatal
infection. Biol. Neonate, 45, 275-9.

* Pelet B. (1980):

C3, factor B, alpha-1- antitrypsin in neonatal septicemia with sclerema. Arch Dis Child; 782-788.

* Pereia M and Hosking F. (1984):

The role of complement and antibody in opsonization and intracellular killing of Candida albicans. Clin Exp Immunol 57. 307-314.

* Perkkio M, Savilahti E (1980):

Time of appearance of immunoglobulin- containing cells in the mucosa of the neonatal intestine. Pediatr Res; 14: 953-955.

* Philip AGS and Hewitt JR (1980):

Early diagnosis of neonatal sepsis. Pediatrics; 65: 3036.

* Philip A (1985):

Neonatal sepsis and Meningitis. Boston: Hall.

* Pierce JR, Merenstein GB and Stocker JT (1984):

Immediate postaprtum cultures in an intensive care nursery. Pediatr Infect Dis; 3: 510-13.

* Pittard WB, Polmar Sh and Fanaroff AA (1977):

The breast milk macrophage a potential vehicle for immunoglobulin transport. J Reticulo-endothelial Soc; 22: 597.

* Pittard WB and Bill K (1979):

Immunoregulation by breast milk cells. Cellular Immunity; 42: 437-441.

* Placzek M and White law (1983):

Early and late neonatal septicemia. Arch Dis Child; 58: 728-731.

* Playfair JHL, Wolfendale Mr and Kay HEM (1963):

The leucocytes of peripheral blood in the human fetus. Br. J Haematol; 336-344.

* Plotkin S and Starr S (1981):

Perinatal infection perinatol. Clin North America; 8, entire Issue.

* Podack ER and Tschopp J (1984):

Membrane attack by complement. Mol Immunol; 21:589.

* Polin; (1990):

Role of fibronectin in Diseses of newborn infants and children, Rev Infect Dis; Vol12, Suppl. 4 May-June 1990.

* Polin, RA and Geme JW (1992):

Neonatal sepsis. Advances in pediatric infectious diseases; vol. 7, 25-58.

* Polmar SH and Manthel U. (1987):

Immunology. In: Neonatal-Perinatal Medicine: Diseases of the Fetus and Newborn, (eds. Fanaroff AA. and Martin RJ.). Fourth edition. The C.V. Mosby Company. ST Louis-Washington DC-Toronto; PP: 743-762.

* Porter RR (1973):

Structural studies of immunoglobulins. Science; 180: 713.

* Proctor RA, Prendergast E and Mosher DF (1982):

Fibronectin mediates attachment of Staphyococcus aureus to human neutrophils. Blood; 59: 681-7.

* Proctor RA (1987):

Fibronectin: an enhancer of phagocytic function. Rev Infect Dis; 9 (Suppl 4): S 415-7.

* Pusell BA, Peake PW, Brown MA and Charlesworth JA. (1985):

Human Fibronectin metabolism. J Clin Invest; 76: 143-8.

* Pyke KW and Gelfand EW (1976):

Detection of T-precursor cells in human bone marrow and fetal liver. Differentiation; 5:189.

- * Raghuvanshi RS, and Agarwal KN. (1986):
Breast milk immunoglobulins. Indian Pediatrics;
23: 493-500.

- * Ramilo O, Saez L, Loren X, Mertsola J, et al. (1990):
Tumor necrosis factor and interleukin-1 initiate
meningeal inflammation. J Exp Med; 172: 497-507.

- * Ratner H (1984):
Flavobacterium meningosepticum. Infect Control; S
(5) 237-9.

- * Reid KBM and Porter RR (1981):
The proteolytic activation systems of complement.
Annu Rev Biochem; 50: 433.

- * Reid KB et al., (1986):
Complement system proteins which interact with C3b
or C4b. Immunol Today; 7: 230.

- * Reinherz EL, Schlossman SF (1980):
Regulation of the immune response inducer and
suppressor T-lymphocyte subsets in human beings. N
Engl J Med; 303: 370-373.

- * Remold RG, Shaw JE and David JR (1981):
A macrophage surface component related to
fibronectin is involved in the response to
migration inhibitory factor. cell Immunol; 58:
175-87.

- * Richards PS, Saba TM, Del Vecchio PJ, and Vincent PA.
(1986):
Matrix fibronectin disruption in association with
altered endothelial cell adhesion induced by
activated polymorphonuclear leukocytes. Txp Mol
Pathol; 45: 45: 1-21.

- * Rietschel Eth, Sedydel V, and Zahringer V, et al, (1991):
Bacterial endotoxin molecular relationships between
structure and activity. Infect Dis Clin North Am;
5: 753-79.

- * Robertson NBC (1986):
Neonatal infections. in : Textbook of Neonatology
churchill Livingstone, Edinburgh, London, Melbourne
and New York; Chapter 28 PP: 738.

- * Robinson JE, Harvey BA and Soothill JF (1978):
Phagocytosis and Killing of bacteria and yeast by
human milk cells after opsonisation in aqueous
phase of milk. British Medical Journal; 1:
1443-1445.

- * Rodwell RL, Leslie AL, Tudehope DI (1988):
Early diagnosis of neonatal sepsis using a
hematological scoring system. J Pediatr; 122 (5)
76-7.

- * Roilides E, and Pizzo PA, (1992):

Modulation of host defences by cytokines evolving adjuncts in prevention and treatment of serious infections in immunocompromised hosts. Clin Infect Dis; 15: 508-24.

- * Rosen FS and Janeway CA. (1966):

The gamma globulins. N Engl. J Med; 275: 709-15.

- * Rosen FS (1985):

Developmental immunology. Clin Allergy Immunol; 5 (2): 191.

- * Rozycki HJ, Stahl GE and Baumgart S (1987):

Impaired Sensitivity of a single early leucocyte count in screening for neonatal sepsis. Pediatr Infect Dis; 6 : 440-2.

- * Russel P and Altshuler, Ca (1974);

Placental abnormalities of congenital syphilis Am. J Dis Child; 128, 160.

- * Saba TM, Blumenstock FA, Shah DM, et al. (1984):

Reversal of fibronectin and opsonic deficiency in patients. Ann Surg; 199 (1): 87.

- * Saba TM, Blumenstock FA, Shah DM, et al. (1986):

Reversal of opsonic deficiency in surgical Trauma and burn patients by infusion of purified human plasma fibronectin. Am J Med; 80-229-40.

- * Sabel K G and Wadsworth CH (1979):
C-reactive protein (CRP) in early diagnosis of neonatal septicemia Acta Pediatr Scand; 68: 825-31.
- * Sacchi F, Rondini G, Mingrat G, Stronati M, Gancia GP, Marseglia GL and Siccardi AG (1982):
Different maturation of neutrophil chemotaxis in term and preterm newborn infants (Clinical and laboratory observations. J Pediatr; 101 (2): 273-274.
- * Saez L X, Ramil O. Mustafa MM. et al. (1990):
Pentoxifylline modulates meningeal inflammation in experimental bacterial meningitis. Anti microb chemother; 34: 837-43.
- * Saez LX and McCracken Jr (1993):
Sepsis syndrome and septic shock. Jr Pediatrics, October, P 497-508.
- * Saez L L and Lagrutta F (1993):
The acute-phase host reaction during bacterial infections in children. Pediatr Infect Dis J; 12: 83-7.
- * Sanchez PJ, Siegel JD, Cushion NB, et al., (1990):
Significance of a positive urine group B Streptococcal latex agglutination test in neonates. J Pediatr; 116: 601-606.

- * Sawhney D, Hinder S, Swaine D and Bridson EY (1986):
Neonatal Septicemia. J Clin Pathol; 39: 1259-1263.
- * Sawyer MK, Forman ML. and Kuplic LS. et al. (1971):
Developmental aspects of the human complement
system. biol Neonate; 19: 148-162.
- * Schlegel RJ and Bellanti JA (1969):
Increased susceptibility of males to infection.
Lancet 2 : 826-827.
- * Schlesinger JJ and Covelli MD (1977):
Evidence for transmission of lymphocyte responses,
to tuberculin by breast feeding. Lancet; 11:529.
- * Schreiber AD and Austen KF (1973):
Interrelationships of the fibrinolytic, coagulation,
kinin generating and complement systems. Semin
Hematol; 6: 4-11.
- * Schuit KE. and De Beasio (1980):
Kinetics of phagocyte response to group B
Streptococcal infections in the newborn rats.
Infect Immun; 28:319.
- * Sealing R, Pott G, Selling HP, et al. (1984):
Virus-binding activity of fibronectin masking of
hepatitis A virus. J. Virol Methods, 8: 335-47.

- * Selner JC Merrill DA and Claman HN. (1975):

Salivary immunoglobulin and albumin: Development during the neonatal period. J Pediatr; 87: 515-519.

- * Selsted ME and Martinez RJ (1978):

Lysozyme: primary bactericidin in human plasma serum active against *Bacillus subtilis*. Infect Immun; 20: 782-91.

- * Shapiro R, Eeatty DW, Woods DL et al., (1981):

Serum complement and immunoglobulin values in small- for- gestational - age infants. J Pediatr; 99: 139-141.

- * Sharma BS, Gupta ML, Sharma JN, Sharma V, Saxena S and Sbarma ML (1986):

Cord blood immunoglobulins: Variation with birth weight and gestational age. Indian Pediatrics; 23: 245-247.

- * Shigeoka AO, Hall RT and Hill HR (1978):

Blood transfusion in group B *Streptococcal* sepsis. Lancet; 1:636.

- * Shinizu Y, Ven Seventer GA, and Horgan KJ et al. (1990):

Roles of adhesion molecules in T-cell recognition: Immunol Rev; 114: 109-43.

- * Shohat B, Hirsch M, Jardena O, Henry J, Levy I and Trainin N (1986):
Cellular immune aspects of the human fetal - maternal relationship. American Journal of Reproductive Immunology and Microbiology; 11: 125-129.
- * Shortland DB, Macfadycm M, Elsten A and Harison G (1990):
Evaluation of C-reactive protein values in neonatal sepsis. J Pediatr. Med; 12 (3) 157-63.
- * Sideropoulos I, Boehame V and Muralt G, et al. (1981):
Immunoglobulin supplementation in the management of neonatal sepsis. Schweiz Med Wochen Schr; 111: 1649.
- * Siegel JD (1985):
Neonatal sapsis Semin perinatol; 9: 20.
- * Siegel JD and McCracken GH Jr (1981):
Sepsis neonatorum. N Engl J Med; 304: 642-647.
- * Simpson WA, Hosty DL, Mason JM and Beachay EH (1982):
Fibronectin-mediated binding of group A-~~S~~Streptococi to human polymorphnuclear leucocytes. Infect Immun; 37: 805-10.
- * Simpson WA, Courtney HS and Ofek I (1987):
Interactions of fibronectin with streptococci: The role of fibronectin as a receptor for streptococcus pyogenes. Rev Infect Dis; 9 (Suppl 4): S 351-9.

- * Singer A. and Hodes RJ. (1983):
Mechanisms of T-cell-B cell interaction. Annu Rev Immunol; 1 : 211.
- * Solotorovsky M and Lynn M (1978):
Haemophilus influenza: immunology and immuno-protection. CRC Crit Rev Microbiol; 6: 1-32.
- * Speer CH, Burns A and Gahr M (1983):
Sequential determination of CRP, alpha, anti-trypsin and heptoglobin in neonatal septicemia. Acta Paediatr scand; 72: 769-83.
- * Speer CP, Ningo A and Gahr M (1986):
Elastase alpha-1 proteinase inhibitor in early diagnosis of neonatal septicemia. J Paediatr; 108 (6), 987-90.
- * Spiegelberg HL (1974):
Biological activities of immunoglobulins of different classes and subclasses. Adv Immunol; 19:259.
- * Springer TA (1990):
Adhesion receptors of immune system. Nature; 346: 425-34.

- * Sprung Cl, Caralis PV, and Marcial EH et al., (1984):

The effects of high dose corticosteroids in patients with septic shock. N Engl J Med; 311: 1137-43.

- * Squire E, Favara B and Todd J. (1979):

Diagnosis of neonatal bacterial infection. Pediatrics; 64: 60-64.

- * ST.Geme JW Jr, Murray DL and Carter J et al., (1984):

Perinatal bacterial infection after prolonged rupture of amniotic membranes. J Pediatr; 104: 608-613.

- * St-Geme JW III, Bell LM, Baumgar TS, et al (1990):

Distinguishing sepsis from blood culture contamination in young infants with blood cultures growing coagulase negative **Staphylococci**. Pediatrics; 86: 157-162.

- * Stiehm ER, Winter HS, and Bryson YJ. (1979):

Cellular (T-cell) Immunity in the human newborn. pediatrics; 64:814.

- * Stiehm ER. (1980):

The human neonate as an immuno - compromised host. In: Infections in the immunocompromised host; pathogenesis, prevention and therapy. Verhoef J Peterson PK and Quie PG (Eds). Elsevier / North Holland, Amsterdam - New York. Oxford. PP. 77-94.

- * Stossel TP, Alper CH and Rosen F (1973):

Opsonic activity in the newborn: Role of properdin.
Pediatrics; 52: 134-7.

- * Strauss RG (1989):

Current status of granulocyte transfusions to treat
neonatal sepsis. J Clin Pheresis; 5 (1): 25-9.

- * Strominger JL and Tipper DJ (1974):

Structure of bacterial walls: The lysozyme
substrate. In: Lysozyme. Beychok S, Confield RE and
Osserman EF (Eds). New York. Academic Press. PP:
169-84.

- * Strunk RC, Fenton LJ and Gaines JA (1979):

Alternative pathway of complement activation in
full-term and premature infants. Pediatr Res; 13:
641-643.

- * Stuoner G (1984):

Indirect evidence of cell wall alterations in
Pseudomonas aeruginosa by immunoglobulin
preparations. Infection; 12: 223-224.

- * Synder El, Mosher DF, Hezzy A and Golenowsky G (1980):

Effect of blood transfusion on in vivo levels of
plasma fibronectin. J Lab clin Med; 98: 336-41.

* Tack BF (1983):

The B-Cys-Y-Glu thioester bond in human C3, C4 and alpha 2-macroglobulin. Springer Semin Immunopathol, 6:259.

* Tate DY, Carlton GT, Johnson D, et al. (1981):

Immune thrombocytopenia in severe neonatal infections. J Pediatr; 98: 449-453.

* Tessin I, Trolfors B and Thiringer K (1990):

Incidence and etiology of neonatal septicemia and Meningitis in Western sweden 1975-1986. Acta Pediatr Scand; 79, 1023-1030.

* Thorne KJI, Oliver RC and Mac Intyre DEC (1977):

Endotoxin induced platelet aggregation and secretion. J coll sci; 28:225.

* Todd TFIII, Arnaout MA, Rosin RE, Crowley CA, Peters WA and Babior BM (1984):

Subcellular localization of the large subunit of Mol (Mol alpha, formerly, Spllo), a surface glycoprotein associated with neutrophil adhesion. J Clin Invest; 74: 1280-90.

* Tollner U, Pohlandt E, Heinze F et al. (1977):

Treatment of septicemia in the newborn infants. Acta Pediatr Scand; 66, 605.

- * Torley IW, Pickett WC, Carroll ML et al (1992):

Studies of the effect of platelet-activating factor antagonist in animal models of Gram-negative bacterial sepsis. Antimicrob; Agents Chemother; 36: 1971-7.

- * Trinchieri G (1989):

Biology of natural killer cell. Adv Immunol; 47:187.

- * Unanue ER (1978):

The regulation of lymphocyte functions by the macrophage. Immunol Rev; 40: 227-225.

- * Unkeless JC and Wright SD (1984):

Structure and modulation of Fc and complement receptors. Immunobiol; 14: 171-87.

- * Valletta EA, Bonazzi L, Zuanazzi R, Del Col G, Stocchero and Boner AL (1988):

Plasma concentrations in healthy newborns and children. Eur J Pediatr; 147: 68-70.

- * Van furth R, Schuit HRE and Hijmans W (1985):

The immunological development of the human fetus. J Exp Med; 122: 1173-1188.

- * Vel WA, Namavar F, Verweij AM, Pubber AN. and Maclaren DM.
(1984):
Killing capacity of human polymorphonuclear
leukocytes in aerobic and anaerobic conditons. J
Med Microbiol; 18: 173-80.

- * Verloove- Vanhoric KSP and Verwey RA (1987):
Project on preterm and small gestational age
infants in the Netherlands 1983. Leiden Rijk
suniver siteit; PP: 377 (Thesis).

- * Visser VE and Hall RT (1979):
Urine culture in the evaluation of suspected
neonatal sepsis. J Pediatr; 94: 635-638.

- * Visser VE. and Hall RT. (1980):
Lumber puncture in the evaluation of suspected
neonatal sepsis. J Pediatr, 96: 1063-1067.

- * Vitetta ES and Uhr JW (1974):
Cell surface immunoglobulin. J Exp Med; 139:1599.

- * Vogel LC, Kretschmer RR, Padnos DM, et al. (1980):
Protective value of gammaglobulin preparation
against group B streptococcal infections in chick
embryos and mice. Pediatrics; 14: 788.

- * Wade BH and Mandell GI (1983):
Polymorphonuclear leukocytes; dedicated professional
phogocytes. Am J Med; 74: 686-93.

- * Walker WA. and Isselbacher KJ (1975):

Uptake and transport of macromolecules by the intestine: Possible role in clinical disorders. Gastro-enterology; 67: 531-550.

- * Walker WA and Isselbacher KJ (1977):

Intestinal antibodies. N Eng J Med; 297: 767-773.

- * Weir DM (1983):

Acquired immunity. In: Immunology. An outline for students of Medicine and Biology. Fifth edition. The English language Book Society and churchil Livngstone; PP. 67-69.

- * Weisman LE, Fischer GW, Hemming VG, et al. (1986):

Pharmacokinetics of intravenous immunoglobulin (Sandglobulin) in neonates. Pediatr Infect Dis; 5: S 185.

- * Weiss J Kao L Victor M and Elsbach P (1985):

Oxygen - independent intracellular and oxygen - depondent extracellular killing of Escherichia coli S. 15 by human polymorphonuclear leukocytes. J Clin Invest; 75: 206-12.

- * Wenzel RP, Andriol VT, Bartlett JG, et al., (1992):

Antiendotoxin monoclonal antibodies for Gram negative sepsis. Clin Infect Dis; 14: 973-6.

* Whitelaw A and Perkin J (1988):

Development of immunity. British Medical Bulletin;
Vol 44, No 4, PP: 1037-1051.

* Widdowson EM, Colombo VE and Artavams CA (1976):

Change in the organs of pigs in response to feeding
for the first 24 hours after birth II. The
digestive tract. Biology of the neonate; 28: 272-
279.

* Wilson CB. (1986):

Immunological basis for increased susceptibility of
the neonate to infection. J Pediatrics; 108 (1): 1-
12.

* Wilson CB and Haas JE (1984):

Cellular defenses against toxoplasma gondii in
newborns. J Clin Invest; 73: 1606.

* Wilson CB and Westall J (1984):

Interleukin-2 (IL-2) and macrophage activation
factor production by newborn lymphocytes. Pediatr
Res; 18: 267a.

* Wilson RK et al., (1988):

Structure, organization and polymorphism of murine
& human T-cell receptor alpha and Beta chain gene
families. Immunol Rev; 101:149.

- * Yang KD, Augustine NH and Gonzalez LA, et al., (1988):
Effects of fibronectin on the interaction of polymorphonuclear leukocytes with unopsonized and antibody- opsonized bacteria. J Infect Dis; 158: 823-30.
- * Yang KD, Augustine NH, and Bohnsack et al., (1990):
Effect of fibronectin on neutrophil activation. Pediatr Res; 27: 164 a.
- * Yang KD, Bohnsack JF, Hawley MW, et al. (1990):
Effect of fibronectin on IgA-mediated uptake of type III group B streptococci by phagocytes. J Infect Dis; 161: 236-41.
- * Yeung CY, VWY, and Yeung MB. (1973):
Glucose disappearance rate in neonatal infection. J Pediatr; 82:486.
- * Yoder MC, Douglas SD, Gerdes J, Kline J, Polin RA, (1983):
Plasma fibronectin in healthy newborn infants, respiratory distress Syndrome and perinatal asphyxia. J Pediatr; 102: 777-80.
- * Yoder MC, Gerdes J, Hummeler K, Douglas SD and Polin RA (1984):
Plasma fibronectin deficiency in Reye syndrome J Pediatr; 105: 436-8.

- * Yoder MC and Polin A (1986):
Immunotherapy of neonatal septicemia. *Pediatr Clin N Am*; 33: 481-501.

- * Yoder MC, Smith LK, Arbitier D, Douglas SD, and Polin RA (1987):
Enhanced endotoxin effects in plasma fibronectin deficiency rats. *Infect Immun*; 55: 1715-7.

- * Yonemasu K, Nakanishi A, Sasaki T, Syuzo K. (1983):
Stimulation of Locomotion of peripheral blood monocytes by human plasma fibronectin. *Microbiol Immunol*; 27: 283-90.

- * Yoon PS, Boxer LA, Mayo LA, Yang AY and Wicha MS. (1987):
Human neutrophil laminin receptors: activation - dependent receptor expression. *J Immunol*; 138: 259-65.

- * Zach TL and Hostetter MK; (1989):
Biochemical abnormalities of third component of complement in neonates. *Pediatr Res*; Aug; 26 (2): 116-20.

- * Zeiss CR, Bruch FX, and Marder RJ. (1980):
A hypocomplementemic vasculitic urticarial syndrome. *Am J Med*; 68: 867.

- * Ziccardi RJ. (1982):
Spontaneous activation of the first component of human complement (C1) by an intramolecular autocatalytic mechanism. *J Immunol*; 128:2500.