

References

- Abbas, A.K. and Lichtman,A.H.,(2003) , Cellular and Molecular Immunology , 5thed , Saunders, Philadelphia.
- Abdelmoneim, E. M. Kheir and Rawan, A. Khair ,(2014),Neonatal sepsis; Prevalence and outcome in a tertiary neonatal unit in Sudan,Time Journals of Medical Sciences Report and Research Vol. 2(1):21-25.
- Albert B, JonhsonA,LewisJ,Raff M ,Robert K and Walter P.(2002)Leucocyte alsoknown as macrophages function and percentage breakdown, 4thed , Garland Science. New York
- Avecilla, S.T., Hattori, K.,Heissig, B., Tejada R., Liao, F.,Shido, K., Jin D.K., Dias, S., Zhang, F., Hartman, T.E., Hackett, N.R. , Crystal, R.G., Witte, L., Hicklin , D.J., Bohlen, P., Eaton, D., Lyden, D., de Sauvage, F. and Rafii, S .(2004), Chemokine-mediated interaction of hematopoietic progenitors with the bone marrow vascular niche is required for thrombopoiesis". Nat Med 10 (1): 64–71.
- Bhutta ZA, Yusuf K. (1997), Early-onset neonatal sepsis in Pakistan: a case control study of risk factors in a birth cohort .Am J Perinatol; 14(9):577-81
- Bizzaro, M.J., Raskind, C and Batimore, S.R. (2003), Seventy five years of neonatal sepsis at Yale, American Pediatrics, NCBI, USA.PMID ,1614098 .Pubmed Index for Medline ,116,vol (3):595-602
- Black, R.E., Cousens, S., Johnson, H.L., Lawn, J.E., Rudan, I. D.,Campbell, H.W., Cibulskis, C.F. ,Eisele, T.L.and ,Mathers. C.L. (2010), Global, regional, and national causes of child mortality in 2008: asystematic analysis. Lancet; 375:1969-87..
- Charles ,J. , Travers, P., Walport, M. and Shlomchik, M. (2001). Immunobiology; 5thed, Garland Science, New York and London .
- Chiesa,C.Natale,F.,Pascone,R., Osborn J.F., Pacifico, L., Bonci, E. and De Curtis, M. (2011) C reactive protein and procalcitonin: reference intervals for

preterm and term newborns during the early neonatal period. Clin. Chim. Acta. 412:1053–1059.

Christoph, P.,Hornik,M.D., Daniel K.,Benjamin, J.R., Kristian,C.B., Daniel, K.,Benjamin J.R. , Jennifer L.I. , Reese, H.C. ,Michael, C.W. and Brian ,P.(2012),Use of the Complete Blood Cell Count in Early-Onset Neonatal Sepsis,Pediatr Infect Dis J .(vol) 31(8):799–802

Edwards, M.S. and Baker ,C.J.(2004) ,Sepsis in the newborn in krugman's infectious disease of children .Mosby .Philadilphia.

Edward ,S., Blaise, F. and James ,T.(2015),Diagnosis of Neonatal Bacterial Infection: Hematologic and Pathologic Findings in Fatal and Nonfatal Cases , American Academy of Pediatrics,Print ISSN: 0031-4005.

Escobar, G.J.(2005) ,What have we learned from observational studies on neonatal sepsis Pediatr. Crit. Care Med. 6 (3 Suppl):138–145

Farhat, A .S., Ashraf, M , Mirzaie ,F. and Khademi , G .(2014),Clinical Manifestation and Laboratory Findings of Positive Blood Culture in Neonatal Septicemia, Iranian Journal of Neonatology, vol 5,(3).

Gamal, N. (2014) Manual of pediatrics ,Part 1 , Dar El-Elm ,Egypt.

Goldstein ,B., Giroir, B .and Randolph, A .(2005) International pediatric sepsis consensusconference: definitions for sepsis and organ dysfunction in pediatrics. Pediatr. Crit.Care Med. 6:2-8.

Hoffbrand ,A.V. and Petti, J.E.(2001), Essential hematology ,4thed, Wiley – Blackwell ,New Zealand.P: 2.

Hoffbrand, A.V., Medsidaniel, M.A., Edward, M.D. and Tudderham, G.T.(2001) Postgraduate hematology ,5thed ,MCGrow ,Philadilphia. P: 47,48.

Hoffbrand, V., Lewis, M. and Edward, G.D. (2005) ,Postgraduate hematology ,4thed , Oxford University ,Press INC, New York. P:235,237,238.

Hollowell, J.G., Van Assendelft, O.W. and Gunter, E.W.(2005) ,Hematological and iron-related analytes, National Center for Health Statistics, United State, PMID: 15782774,NCBI,(247):1-156.

Hufngael, M., Lies, C. , Loescher, C., Kunze, M. ,Proempeler, H., Berner, R. and Krueger, M.(2007), Enterococcal Colonization of infants in a neonatal intensive care unit associated predictors, risk factor and seasonal patterns, BMC infectious disease and BMC center.

Hufngael ,M., Burger, A. and Bartlet, S.(2008), Secular trend in pediatric blood stream infection over 20- years period at a tertiary care hospital in Germany, Oxford University Press.

Jaye, D.L. and Waites, K.B. (1997), Clinical applications of C-reactive protein in pediatrics. Infect. Dis. J. 16:735–746

Kaushansky, K.. (2006). Lineage-specific hematopoietic growth factors. N. Engl. J. Med. 354 (19): 2034–45.

LaFleur ,B .(2008), Exploring medical language:A Student-Direct Approach, 7thed , Mosby ,StLouis,Missouri, US.

Lissauer,T.(2012), Illustrated textbook of pediatrics, 4thed ,Mosby, UK.

Morrison, J. and Kimble, J. (2006). ,Asymmetric and symmetric stem-cell divisions in development and cancer .Nature 441 (7097): 1068–74.

Myros ,S.(2008), Neonatal death rate continues to fall in England, , BMJ publishing group Ltd, Wales and North Ireland ,London.

Pepys, M.B. and Hirschfield, G.M. (2003), C-reactive protein: a critical update. J. Clin. Invest.111:1805-1812

Ramnik, S.(2010) , Hematology for students and practitioners , 6thed, Daryagani, India,P:1,8,9,10,11,12.

Sartaj A. B., Suhail, A. N., Rafiq,W. and Syed ,T .A.(2015),Incidence of Thrombocytopenia and Changes in Various Platelet Parameters in Neonates with Blood Culture Positive Sepsis ,International Journal of Pediatric(IJP),Vol.3, N.4-1, Serial No.19

Swirski, F.K.,Nahrendorf, M. , Etzrodt, M.,Wildgruber, M., Cortez-Retamozo, V. , Panizzi, P.,Figueiredo, J.L., Kohler, R.H., Chudnovskiy, A., Waterman, P.,Aikawa, E,Mempel, T.R. ,Libby, P.,Weissleder, R. and Pittet, M.J.(2009).

Identification of Splenic Reservoir Monocytes and their Deployment to Inflammatory Sites ,PMC,325(5940):612-616

Thaver, D. and Zaidi, A.K . (2009), Burden of neonatal infections in developing countries: a review of evidence from community-based studies. *Pediatr Infect Dis J*; 28:3-9

Verganano, S., Sharland, M., and Kazmebe, P.(2005) , Neonatal sepsis and international perspective, *Arch Dis child fetal neonatal* , vol (90). (3), P :220,224.