

References

1. Monica Cheesbrough.2004.District laboratory practice in Tropical countries, part two.
2. Jacques Wallach.M.D.2000. Interpretation of diagnostic tests. Seventh edition. Lippincott Williams and Wilkins.
3. Hoffbrand A.V., Lewis S.M. 1989. Postgraduate hematology. Third edition. Heinemann publications.
4. Hoffbrand A.V. , P. A H.Moss and J. E. Pettrit. 2006. Essential hematology. Fifth Edition.
5. WWW.Cags.org (Arab world sickle cell anaemia).
6. WWW.Sickle cell society.org
7. D.V. Desai, Hiren Dhanani. 2004. Sickle cell disease –history and origin: The Internet journal of Hematology. Volume one.
8. Orah S. Platt, Donald J. Brambilla, Wendle F. Rose, Paul F. Milner, Oswaldo Castro, Marten H. Steinberg and Panpit P. Klug . 1994. Mortality in sickle cell disease –life expectancy and risk factors for each death.

9. Westerman M. 1997. Assessment of painful episode frequencies in sickle cell disease: American journal of Hematology.
10. Taj Jadav ji, MD., FRCPC, Charles G. Prophr. MD April 1985. FRCPC-CAN. MED. Journal, volume 132.
11. Pediatrics volume 84. No 3. September 1989. Mortality in children and adolescents with sickle cell disease.
12. Hematologists in Europe, Hematologica. July. 1. 2007. Sickle cell disease as a paradigm of immigration , hematology: new challenge
13. Dr. Eva Svarch, Dr. Porfirio Hernandez, Dr. Joes, 2006. Original paper in the relationship of the sickle cell gene to the ethnic and geographic groups' population in Sudan.
14. Nancy Moreno, Hose A. Martinez², Zorella Blanco³, Leidys Osorio¹ and Patrick Hackshaw⁴, March 25, 2002.. Beta-globin gene cluster haplotypes in Venezuelan Sickle cell patients from the State of Aragua,
15. Henry For, G.L Timms, M.B. W. Brass B.Sc./ Fadil Bushra, M.D , 1954. The variability of Sickle-Cell Rates in the tribe of Kenya and Southern Sudan.
16. R. A. Bayoumi, T.S.M. Taha, N. Saha,. Internet explorer. Received: 21 March 1983.

17. A study of some genetic characteristics of the Fur and Baggara tribes of the Sudan, Emmanuel (B. Besa, patricia M. Cathalano, Jeffrey A. Kanta, Leigh C.
18. Martin R, Howard, Peter.J Hamilton. .2008. An illustrated color text Heamatology, third edition.
19. Dacie JB, Lewis SM., 1992 Practical hematology, Seventh Edition. Edinburg. Churchill Livingstone.
20. Martin R.Howard , Peter J. Hamilton. , 2008. An illustrated colour text. Haematology , Third Edition.
21. Brace C. Eatt, M.D. William N. Gobbs. M.D., 1992. fundamental Diagnostic Hematology , Anemia, Second Edition, U.S, Department of Health and Human Service and world health organization.
22. Irene Roberts, Mariane de Montalembert, , July 1, 2007. Sickle cell disease as paradigms of immigration hematolog: new challenges for hematologists in Europe, Hematology; 92L7 : 865-871.
23. Aluoch JR., 1997. Higher resistance to Plasmodium falciparum infection in patients with hompzyous sickle cell disease in western Kenya. Trop Med. Int. Health 2(6): 568-571.
24. Nagel RL and Ranney HM., 1990. Genetic epidemiology of structural mutations of the beta-globin gene. Sem Hematol 27(4):342-359.

25. Powars D abd Gutu A., 1993. Sick cell anemia. Beta s gene cluster haplotypes as genetic markers for severe disease expression. Am H D is Child 147 (11):1197-1202.
26. Thomas PW, Higgs DR and Serfeant GR., 1997. Benign clinical course in homozygous sickle cell disease : a search for predictors . J Clin Epidemiol. 50(2):121-126.
27. Dr. Eva Svarch, Dr.Profirio Hernandez, Dr. Jose Manuel Ballester, February 23.2001. Instituto de Hematologia e(1H1) La Habana. Cuba, Sick Cell Disease in Cuba.
28. تشخيص الأذهان بسيرة بلاد العرب والسودان ، محمد عمر التونسي .
29. Diggs L.W. 1967. Bone and joint lesions in sickle cell disease . Clin. Orthop. pages 52,119-143.
30. Br. J. Hematology. 1999. Mapping of prevalence of sickle cell beta-thalassemia in England: Est Mating and validating Ethnic-specific rate
31. Mc.Mahon C. Calloghan Co. O Brien D Smith OP Set 2001. The increasing prevalence of childhood sickle cell disease in Ireland. Ir. J
32. Med. Internet site WWW.Cags.ae .
33. January 1988. Sick cell disease in Sudan.

34. QOmer A. Ali M. Omer A h. MUSTAFA A m d. Satir A A. 1972. Incidence of G-60PD deficiency and abnormal Hemoglobin in the endogenous and immigrant tribe in Sudan. 24(4): 401-405.
35. Buhazza M A: Bakhouri F P. 1985. Evaluation of Haematological finding in 50 Bashrini patients with sickle cell disease and some of their parents. J Med. Genet. 22(4): 293-295.