

subjects from Europe and Latin America with mutation in the factor VII gene⁽²⁹⁾. Although about half of patients were with blood group O, there were no significant differences between the different types of CCDS regarding their blood group, this possibly could be due to sample size and also those with rare bleeding disorders were only 24 patients in the sample.

The median times of annual attendance to the Centre by patients with congenital coagulation disorders was 4 times, with a range of 0-39 times. Also these patients had a median of 5 days admission per a year with a range of 0-55 days of admission per a year. This reflect the high rate of attendance and admission of patients with congenital coagulation disorders to this Centre and it was mainly due to the nature of their diseases, treatment were available to 97.1% of patients with CCDs, which in some way reflect the support of the government to this centre in spite of the difficulties facing the country in the current situation.

There is a clear need for extensive study in the whole country to determine the exact prevalence and other epidemiological distribution of CCDS, a need to establish new centers in governorates other than Baghdad and planning for administering home-treatment (prophylaxis treatment) for patients with severe hemophilia.

References

1. Norris RN Teresa " Coagulation disorders" Gale Group Encyclopedia of Medicine. Dec. 2002, 29 May 2009. <www. lifesteps. com/gm/Atoz/ coagulation_ disorders. jsp>.
2. CRAIG J I O, McClelland D B L, LUDLAM C A. Blood disorders. In: Nicholas A Boon, Nicki R. Colledge, Brian R. Walker, editors. Davidson's Principles and Practice of Medicine. 20th ed. Philadelphia: Churchill Livingstone Elsevier; 2006. pp. 1055-6.
3. Bleeding and thrombosis. Harrison's Principles Of Internal Medicine, 17th ed., 18 Mar 2008, 30 May 2009. < www.

harrisonpractice.

com/practice/ub/view/Harrison_Principle_of_I nternal_Medicine_17th-

Edition/Coagulation_Disorders/395110/0 >.

4. Montgomery M. Robert and Scott J. Paul. Hereditary Clotting Factor Deficiencies. In: Richerd E Behrman, Robert M Kliegman, Hal B Jenson editors. Nelson Textbook Of Pediatrics. 17th ed. USA: Saunders Elsevier; 2004. pp. 1657-1661.

5. Peyvandi F, Duga S, Akhavan S, Mannucci PM. Rare coagulation deficiencies. Hemophilia. 2002; 8: 308-321.

6. Kessler Craig M. Hemorrhagic Disorders. In: Lee Goldman, Dennis Ausiello, editors. Cecil Medicine 23rd ed. USA: Saunders Elsevier; 2008. Pp. 1301-14.

7. Saber M. Delshad: The prevalence of viral hepatitis markers in patients with hereditary bleeding disorders; submitted to Scientific Council of Medicine in partial fulfillment for the degree of fellowship of the Iraqi commission for medical specialization in internal medicine. Oct 1997

8. AL-Mondhiry HA: Inherited bleeding syndromes in Iraq. Thromb Haemost. 1977 Jun; 37(3):549-55

9. Islam S.I.A. and Quadri M.I.: Spectrum of hereditary coagulation deficiencies in Eastern Province, Saudi Arabia. Eastern Mediterranean Health Journal 1999; Vol. 5, issue 6: 1188-1192.

10. Karimi M, Yarmohammadi H, Asdeshiri R. Inherited coagulation disorders in Southern Iran. Haemophilia 2002 Nov; 8 (6): 740-4.

11. Windyqa J, Lopacink S, Stefanska E, Klukowska A. Hemophilia and other inherited blood coagulation disorders in Poland. Pol Arch Med Wewn 2004 Oct; 112 (4):1197-202.

12. Khalid S, Bilwani F, Adil SN, Khurshid M. Frequency and clinical spectrum of rare inherited coagulopathies-a tricenter study. J Pak Med Assoc. 2008 Aug; 58 (8): 441-4.

13. Rezende SM, Pinheiro K, Caram C, Genovez G, barca D. Registry of inherited coagulopathies in Brazil: First report. Haemophilia 2009; 15. 142-149.

14. Gatt A and Chowdary P. Proceedings of the First Annual Congress of the European Associationfor Hemophilia and Allied Disorders. Haemophilia 2009; 15, 329-336.

15. Chuansumrit A, Mahasandana C, Chinthamitr Y. National survey of patients with hemophilia and other congenital bleeding disorders in Thailand. Southeast Asian J Trop Med Public Health 2004 Jun; 35 (2): 445-9.

16. Soucie J Michael, Evatt E Bruce, Jackson Debra, the hemophilia Surveillance System Project Investigators. Occurrence of