

EPIDEMIOLOGICAL AND CLINICAL PROFILE OF HEMOPHILIA IN MADAGASCAR



A.O. Rakoto Alson¹ T.A. Randriamandrato² S. Niry Manantsoa¹
¹Hematology Department ²Surgical Resuscitation Department
Hemophilia Center
Universitary Hospital CHU HJRA Antananarivo, Madagascar



Background and aim

Haemophilia has always been known in Madagascar, an Indian Ocean Island near Africa, especially when the boys were bleeding to death during circumcision.

The aim of this study is to describe the epidemiological situation of haemophilia in Madagascar and its clinical aspect as based on reports of Haemophilia Center Universitary Hospital HJRA Antananarivo from January 2012 to December 2013.

Epidemiological profile of Malagasy hemophiliacs

Hemophilia is the most frequent and most severe inherited bleeding disorder in Madagascar with approximately 22 millions of inhabitants.

This study includes 49 hemophilic patients registered during this period. Hemophilia was defined by clinical diagnosis, prolonged aPTT and factor VIII or IX measured less than 15%.

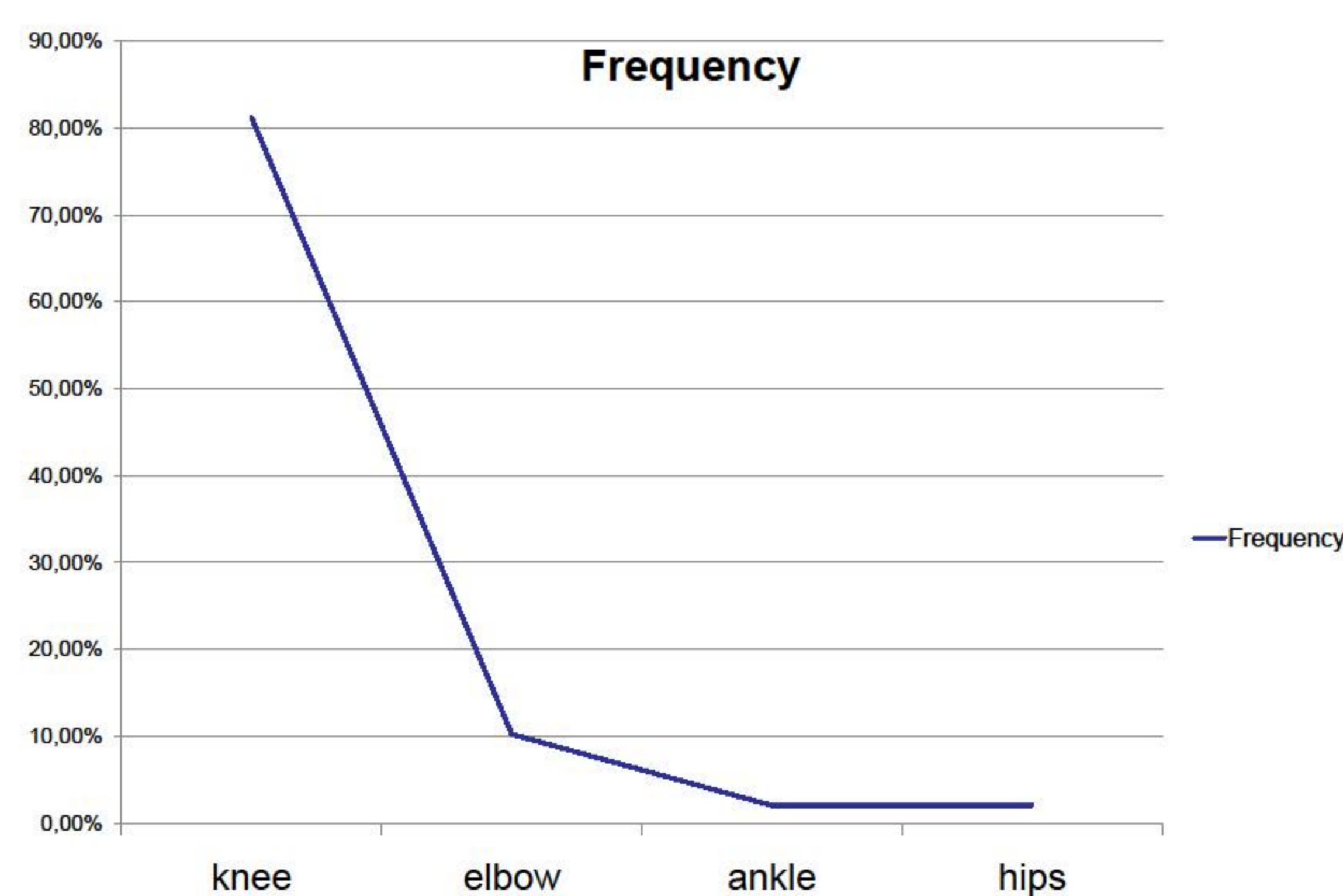
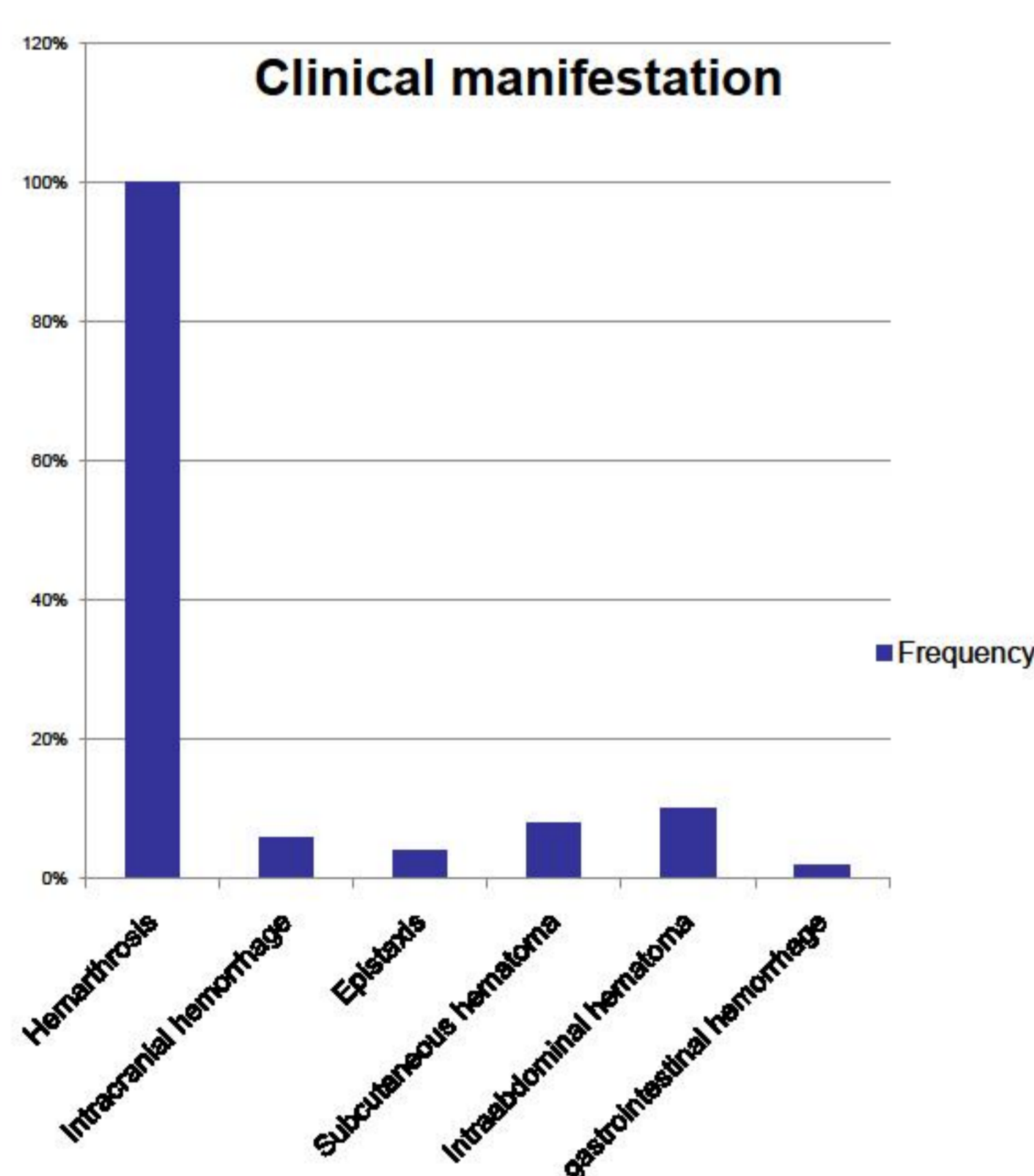
Twenty patients (40.8%) suffer from hemophilia B and 29 (59.18%) from hemophilia A. Two out of three patients are haemophilic B.

The mean age of hemophilic B is 11.6 and 15.8 for hemophilic A.

Clinical aspects

Twenty eight (65%) of these patients have level factor less than 1%.

The severity of bleeding events depends primarily on the size of the coagulation factor lack.



Discussion and Conclusion

Haemophilia B shows a high frequency than other countries. There are more low level of factor in haemophilia B.

Consanguineous marriage is not common in Madagascar. Severity of bleeding is independent of the type of factor.

Hemarthrosis are the most common of clinical aspects

References

1- Y Al Tonbary, R El Ashry, M El Sayed Zaki. Descriptive Epidemiology of Hemophilia and Other Coagulation Disorder in Mansoura Egypt : Retrospective Analysis. Mediter J Hematol Infect Dis 2010 ; 2(3) : e2010025.



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