

# CHARACTERISTICS OF HEMOPHILIA CARRIERS IN CLINIC AND TESTING

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## OBJECTIVES

Carriers of hemophilia experience symptoms similar to those seen in men with mild hemophilia. They are prone to bruising under the skin, menorrhagia, prolonged bleeding after injury, surgery or after childbirth.

## METHODS

We have implemented a study on 72 women-carriers of hemophilia, including 64 carriers of hemophilia A and 8 carriers of hemophilia B.

## RESULTS

Average age was  $35.2 \pm 9.8$ , (12- 58 years old). There are 31.9% of carriers present with abnormal bleeding symptoms; prolonged bleeding after injury, intervention (39.1%), menorrhagia (26.1%) and other symptoms such as purpura, gum bleeding. There is no case with musculoskeletal bleeding. 29.2 % of carriers have prolonged APTT (rAPTT from 1.25 – 1.5). The average factor VIII level of hemophilia A carriers was  $51.68 \pm 20.31$  and the average factor IX level of hemophilia B carriers was  $55.13 \pm 18.0$ .

	Subject	n	SD		p
FVIII (%)	Hemo A carrier	64	51,68	20,31	< 0,01
	control	50	87,50	17,82	
FIX (%)	Hemo B carrier	8	55,13	18,00	< 0,01
	control	10	87,11	5,82	

## CONCLUSIONS

Hemophilia carriers with prolonged APTT have 3.57 times bleeding risk higher than those without prolonged APTT. Hemophilia carriers having factor VIII/IX  $\leq 40$  % in comparison with ones having factor VIII/IX  $> 40$  % will be 5.65 times higher in menorrhagia risk, and 5.7 times higher in risk of prolonged bleeding after injury and intervention.

## REFERENCES

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