

# HEMOPHILIA JOINT HEALTH SCORE (HJHS) IN CHILDREN WITH HEMOPHILIA DURING PROPHYLAXIS IN COLOMBIA. EXPERIENCE OF TWO CENTERS

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## OBJECTIVES

To determine the HJHS in a cohort of patients during prophylaxis in two pediatric hemophilia treatments centers and describes the correlation of a physician global score of joint damage with hemophilia severity and type of prophylaxis

## METHODS

Retrospective evaluation of 25 patients under prophylaxis for at least 12 months. The HJHS tool was applied by a pediatric rehabilitation specialist with experience using the test. In all the cases we made a complete medical history that include prophylaxis details, bleedings.

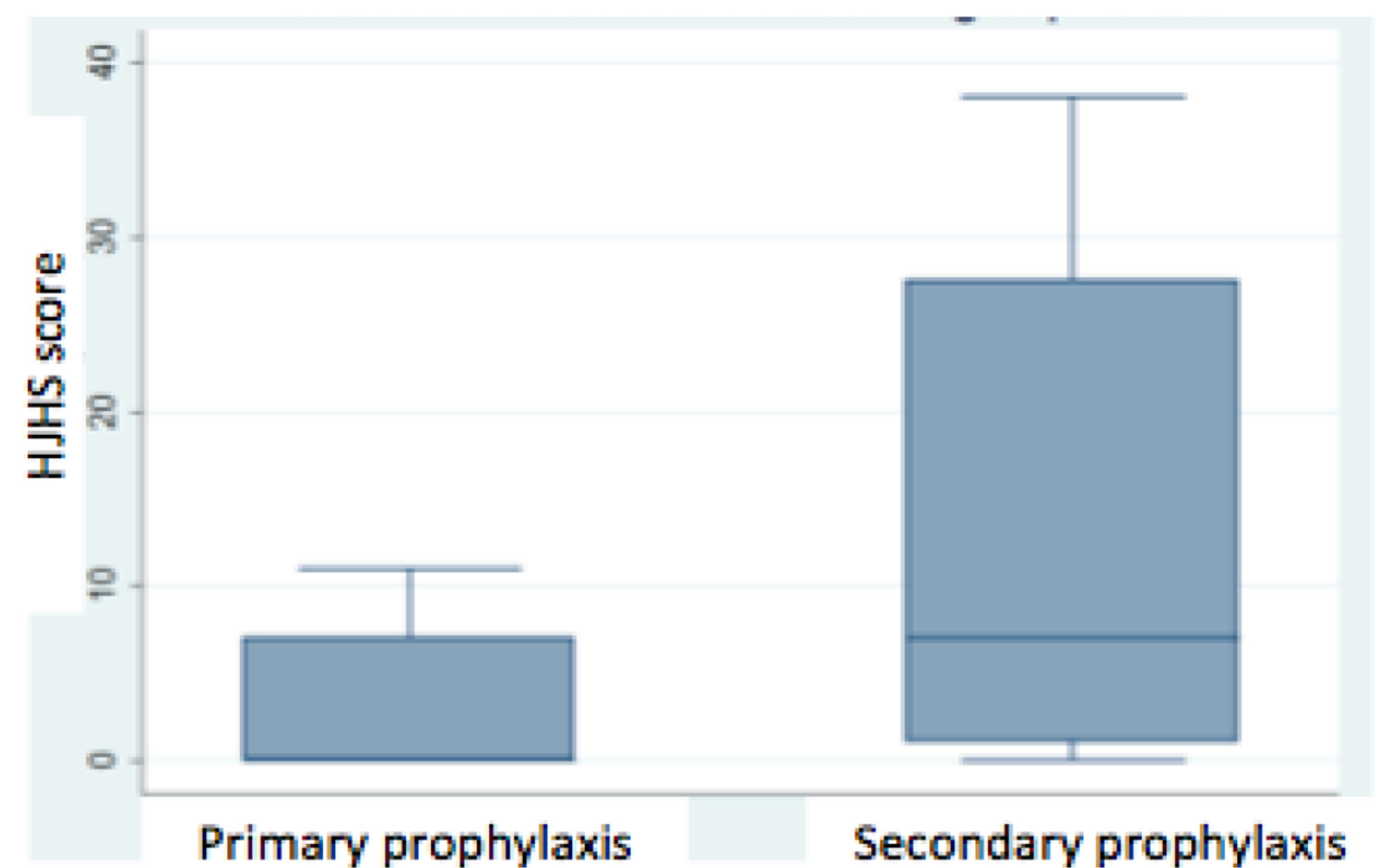
## RESULTS

The median score of HJHS for all patients was 7 (IQR 0 – 25), for patients on primary prophylaxis was 0 (0-7) and for patients on secondary prophylaxis 7 (1-27,5) (p=0,004) (figure 1) and median age was 1.3 Vs 7.4 years (p0.000)

**Table 1** Demographic and clinical and HJHS findings

	N	25
Primary prophylaxis/secondary		5/20
HA/HB		19/6
Hemophilia severe / moderate		23/2
Average age years (SD)		10 (5.1)
Months on prophylaxis average (SD)		58.7
HJHS mean score		7 (IQR 0 - 25)
	Score 0	8
	Score 1-7	10
	Score 8-15	3
	Score >16	4
Joint disease		
	Yes	17
	No	8
Elbow		17
Ankle		12
Knee		7
Hip		1

**Figure 1**



## CONCLUSIONS

HJHS score are higher in patients on secondary prophylaxis. The HJHS score is a useful tool for an objective assessment of joint disease progression in hemophiliac children. We consider HJHS as an important measurement instrument to evaluate patients with hemophilia and also to assess the functional impact of implemented treatment.

## REFERENCES:

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