



# HIPOACTIVE SEXUAL DESIRE DISORDER (HSDD) AND SEXUAL DYSFUNCTION (SD) IN INDIGENOUS WOMEN IN CLIMACTERIC FROM LATIN-AMERICA



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This research is part of the CAVIMEC (Calidad de vida en la Menopausia y Etnias Colombianas) project

**Objective:** To estimate the prevalence of SD and HSDD in Latin-American indigenous women in climacteric

**Methods:** Cross-sectional study carried out in Zenúes (Colombian) and Quechua (Peruvian) indigenous women aged between 40-59 years, with sexual partner and regular coital activity. The Female Sexual Function Index (FSFI) evaluates 6 domains (Desire, arousal, lubrication, orgasm, satisfaction and pain) and allows establishing the presence of SD when the total score is  $\leq 26.55$ . And an score  $\leq 5$  in the desire domain of the scale indicates HSDD. Indigenous women were assessed in their own communities. Data analysis was performed using the EPI-INFO 7.  $p < 0.05$  was statistically significant.

SOCIO-DEMOGRAPHIC DATA (n=466)	RESULTS
Zenués, n (%)	157 (33.7)
Quechuas, n (%)	309 (66.3)
Age, (X $\pm$ SD)	47.0 $\pm$ 6.3
BMI, (X $\pm$ SD)	23.6 $\pm$ 2.9
Number of children, (X $\pm$ SD)	4.0 $\pm$ 1.7
Diabetes, n (%)	13 (2.8)
Arterial Hypertension, n (%)	3 (0.6)
Never smokers, n (%)	451 (96.7)
Hormonal Therapy, n (%)	18 (3.8)
Age of last menstruation, (X $\pm$ SD)	42.6 $\pm$ 2.6
Time since Menopause Onset, y (X $\pm$ SD)	4.4 $\pm$ 5.9
Premenopausal-Perimenopausal, n(%)	255 (54.7)
Postmenopausal, n (%)	211 (45.3)

n = 466	PRE-PERIMENOPAUSE	POSTMENOPAUSE	P
SD	52.4% [CI95%: 47.5-57.4]	47.5% [CI95%:38.2-58.8]	0.03
HSDD	73.3% [CI95%:35.2-80.3]	26.7% [CI95%:19.7-34.8]	< 0.01

AVERAGE OF DOMAINS FSFI-19 (X $\pm$ SD) n = 466	
Desire	3.6 $\pm$ 1.2
Arousal	4.0 $\pm$ 1.1
Lubrication	3.8 $\pm$ 0.7
Orgasm	3.9 $\pm$ 0.7
Satisfaction	3.4 $\pm$ 1.4
Pain	3.9 $\pm$ 1.5
Average score	22.8 $\pm$ 3.9

- Total Population= 623 Women
- With Sexual Partner= 466 Women

Prevalence of Sexual Dysfunction (SD):  
87.1% [CI 95%: 83.6-89.9%].

Prevalence of Hypoactive Sexual Desire Disorder (HSDD):  
30.5% [CI 95%: 26,3-34,9%].

**CONCLUSIONS:**  
The prevalence of SD and HSDD in a group of Colombian and Peruvian indigenous in climacteric was high. For both sexual disorders, significant differences were observed with the change of the menopausal status

