



# SEXUAL FUNCTION AND QUALITY OF LIFE ASSESSMENT IN MIDDLE-AGED COLOMBIAN WOMEN WITH THE FEMALE SEXUAL FUNCTION INDEX AND CERVANTES SCALE \*



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**Objective: To assess sexual function and menopause-related quality of life in middle-aged women and to determine predictors related to socio-demographic factors and to the health status.**

Cross-sectional study in which 1264 sexually active middle-aged Colombian women filled out the 19-item version of the Female Sexual Function Index (FSFI), the 31-item Cervantes Scale (CS), and a questionnaire about socio-demographic data. A correlation between the items of the two scales and socio-demographic data was established

SOCIODEMOGRAPHIC DATA	RESULTS
MEDIAN AGE	47 years
MEDIAN OF EDUCATION	11 years
MENOPAUSAL STATUS	Premenopausal 483(38.2%)
	Perimenopausal 333(26.3%)
	Postmenopausal 448 (35.4%)
≤5años	245 (54.7%)
> 5años	203 (45.3%)
ETHNICITY	Mestiza 882 (69.8%)
	Black 382 (30.2%)
HORMONAL THERAPY	83 (6.6%)
FSFI ≤ 26.55	691 (54.7%)

## MULTIPLE REGRESSION. FSFI. WOMEN WITH SEXUAL PARTNER (n=1264)

FACTORS	B COEFFICIENT	STANDARD ERROR	95% IC	T	P
AGE	-0.251	0.042	-0.334 to -0.169	-5.993	<0.0001
PARITY	0.291	0.114	0.067 to 0.516	2.545	0.011
EDUCATION (YEARS)	0.225	0.040	0.147 to 0.303	5.686	<0.0001
ETHNICITY: BLACK FROM MESTIZA	-1.138	0.389	-1.901 to -0.374	-2.923	0.004
TIME SINCE MENOPAUSE ONSET (YEARS)	-0.270	0.061	-0.391 to -0.150	-4.406	<0.0001
MENOPAUSE AND HEALTH	-0.054	0.020	-0.094 to -0.014	-2.672	0.008
PSYCHIC (CERVANTES)	-0.182	0.036	-0.253 to -0.112	-5.056	<0.0001

$r^2 = 0.253$ ; adjusted  $r^2 = 0.249$ ,  $p < 0.0001$

54.7% of women obtained total FSFI scores  $\leq 26.55$ , which suggests sexual dysfunction.

FSFI total scores were inversely correlated with total (rho = - 0.137), somatic (rho = -0.354) and psychological (rho = -0.380) Cervantes Scale scores (P < 0.001).

