

VAGINAL SURGERY: REPERCUSSION IN FEMALE SEXUAL FUNCTION IN DECADES OF AGE.**VAGINAL SURGERY: REPERCUSSION IN FEMALE SEXUAL FUNCTION IN DECADES OF AGE.**

INTRODUCTION:

There is a strong association between sexual dysfunction and impaired quality of life: women's self-esteem, sense of wholeness and her interpersonal relationships. One of the most common causes of female sexual dysfunction is vaginal surgery. The aim of this study is to evaluate how vaginal surgery (POP surgery) change female sexual life compared with the standard female sexual answer in different decades of ages.

MATERIAL AND METHODS:

Retrospective study using the Female Sexual Function Index (FSFI[®]) self-administered questionnaire translated and validate in Spanish, in a sample of 239 women from Castilla and Leon (Spain) (Group control) and 141 patients operated vaginally for POP. The FSFI is a self report measure of female sexual function, with 19 questions which study six domains: desire, arousal, lubrication, orgasm, satisfaction and pain. The results have been evaluated by the program SPSS v15, statistics were obtained with chi2 test.

RESULTS:

We have obtain statistics differences in all sexual domain, speaking about general population, women older than 40, and women older than 50. Desire is the only one domain were there is no differences in women older than 50.

In this table we can report de results of our control group in the decades of age.

	20-30	31-40	41-50	51-60	61-70	>70	Total
FSFI	25.96±7.71	28.38±5.38	27.30±6.49	21.10±9.5	18.30±7.39	13.10±6.9	25.04±8.12
Desire	3.53±0.99	3.7±1.08	3.46±0.97	2.54±1.18	2.37±0.93	2.1±1.18	3.24±1.16
Arousal	4.46±1.55	4.8±1.15	4.37±1.3	3.25±1.86	2.57±1.44	1.5±0.96	4.04±1.64
Lubrication	4.64±1.17	5.2±1.16	4.82±1.43	3.74±2.14	3.01±1.49	1.90±1.40	4.46±1.77
Orgasm	4.35±2.02	4.67±1.46	4.75±1.49	3.69±1.61	3.00±1.81	2.13±1.85	4.23±1.86
Satisfaction	4.6±1.38	5.0±0.99	4.86±1.21	3.91±1.64	3.41±1.47	3.2±0.97	4.50±1.40
Pain	4.46±1.83	4.96±1.38	5.02±1.5	3.95±2.18	3.92±1.91	2.26±2.32	4.53±1.82
Sex.activ	79.2%	90.3%	81.4%	66.7%	68.2%	33%	78.2%

And in this table report the result about our POP women ≥40 years old.

	POP	40-50	51-60	61-70	>70
FSFI	14.56±10.8	19.45±11.78	17.74±10.5	10.75±9.5	7.73±8.5
Desire	2.07±1.04	2.3±1.01	2.38.1.18	1.78±0.8	1.4±0.43

Arousal	2.14±2.02	2.9±2.12	2.67±1.96	1.5±1.88	0.84±1.23
Lubrication	2.21±1.88	3.45±2.3	2.89±1.98	1.39±1.6	1.28±1.81
Orgasm	2.43±1.25	3.37±2.4	3.02±2.16	1.71±2.03	1.98±1.69
Satisfaction	3.01±2.3	3.7±2.24	3.67±2.25	2.4±2.22	1.32±1.6
Pain	2.68±2.26	3.65±2.37	3.08±2.18	1.95±2.01	1.8±2.3
Decrease of the level of the FSFI	79.2%	71%	84%	58%	59%

CONCLUSION:

Vaginal surgery for POP treatment has an important repercussion in female sexual function, overcoat in the youngest decades of the life, which should be advice before surgery.

<i>Specify source of funding or grant</i>	We don't have any specify source of funding or grant.
<i>Is this a clinical trial?</i>	No
<i>What were the subjects in the study?</i>	HUMAN
<i>Was this study approved by an ethics committee?</i>	Yes
<i>Specify Name of Ethics Committee</i>	Comité Ético y de Investigación del Hospital Universitario del Río Hortega de Valladolid. Spain
<i>Was the Declaration of Helsinki followed?</i>	Yes
<i>Was informed consent obtained from the patients?</i>	Yes