

RESUMENES / RESUMOS / ABSTRACTS



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Satisfaction assessment with malleable prosthetic implant of Spectra (AMS™) and Genesis (Coloplast™) models

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Introduction: The malleable prosthetic implant is widely accepted among patients and physicians due to a lower degree of surgical complexity, its rare mechanic failures, and lower cost.

Objective: To compare the degree of satisfaction in patients with Spectra (AMS™) and Genesis (Coloplast™) malleable prosthetic implant.

Material and Method: Between August 2011 and February 2015, 62 patients received a prosthetic implant, 36 of them a Spectra® prosthesis and 26 of them Genesis®. All of them underwent ambulatory surgery with local anesthesia. Satisfaction was measured using the Erectile Dysfunction Inventory of Treatment Satisfaction (EDITS) questionnaire adapted to penile prosthetic implant, plus two additional questions on the degree of satisfaction with the penis in flaccid position and on its malleability.

Statistical method employed: Fisher Exact Test ($p < 0.05$)

Results: The mean age of patients was of 61.5 years (range 44 to 77), and of 60.2 (range 43 to 76) for patients with Spectra and Genesis respectively. Forty-eight (48) patients were evaluated (29 with Spectra prosthesis, and 19 with Genesis). Fourteen (14) patients were excluded from the evaluation: 8 due to loss to follow-up, 3 due to post infection explantation, 2 deceased, and 1 due to distal perforation.

Results of EDITS questionnaire are displayed below on Table 1

Conclusion: The satisfaction with the penile prosthetic implant evaluated through the EDITS questionnaire indicated that malleable prosthesis show a high degree of satisfaction regardless of the model used. These results confirm that the malleable prosthetic implant is an excellent treatment option for patients with erectile dysfunction refractory to medical treatment.

EDITS Questionnaire

Q EDITS	Spectra (%)	Genesis (%)	P
Overall how satisfied are you with penile prosthesis?	84	79	0.6950
To what degree has penile prosthesis met you expectations?	72	63	0.5384
How likely are you continue using penile prosthesis?	94	89	1.0000
How easy was it for you to use penile prosthesis?	83	73	0.4873
How confident has penile prosthesis made you feel about your ability to engage in sexual activity?	96	78	0.0724
Overall how satisfied do you believe your partner is with effects of penile prosthesis?	83	73	0.4873
How does your partner feel about your continuing to use penile prosthesis?	55	58	1.0000
How natural did process of achieving erection feel when you need used penile prosthesis over last 4 weeks?	79	68	0.5007
Compared to before you had erection problem how would you rate naturalness of your erection when you used penile prosthesis over last 4 weeks in terms of hardness?	55	42	0.5556
How satisfied are you with the appearance of your penis in flaccid position?	66	68	1.0000
How satisfied are you with the malleable quality of your penile prosthesis?	76	74	1.0000

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