

Penile Prosthesis Implantation for the Treatment of Erectile Dysfunction

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Objective: To evaluate the outcome of penile prosthesis implantation.

Setting: Salmaniya Medical Complex, urology unit.

Design: Retrospective study.

Method: The data of Patients who underwent penile prosthesis implantation for the treatment of erectile dysfunction from 10/01/2003 to 01/01/2008 were reviewed. The patients were operated by a single surgeon using the same technique.

Result: Fifty-three patients underwent penile prosthesis implantation surgery for ED. The mean age was 56 (ranged between 27-81 years). The implanted prosthesis is manufactured by the American Medical Systems. Thirty-three patients had AMS 650 Malleable penile prosthesis and 20 patients had AMS Ambicor inflatable penile prosthesis.

The most common complication was superficial wound infection in 3 patients, erosion in 2 patients and urinary retention in one patient. Forty-seven patients (88%) were satisfied with the outcome, more with inflatable devices. The dissatisfaction was mainly due to cosmetic factors, high expectations and glans penis flaccidity.

Conclusion: Penile prosthesis surgery is a safe and effective treatment for patients with erectile dysfunction in whom medical treatment had failed. It has a high patient satisfaction rate.

In our study, the satisfaction rate was 88% and we encountered few minor complications.