

## SATISFACTION WITH TESTICULAR PROSTHESIS AFTER RADICAL ORCHIECTOMY

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### ABSTRACT

**Objectives:** To determine patient satisfaction with testicular prostheses (TP) for testicular cancer. Reconstruction represents an important part of surgical oncology, yet placement of TP following orchiectomy is infrequently performed. Improved data on patient satisfaction with TP would help in counseling patients with testicular cancer.

**Materials and Methods:** Forty patients who underwent orchiectomy and TP placement for testicular cancer participated in a survey that was blinded to the providers in an outpatient clinic (2012-2014) to evaluate TP satisfaction. Categorical variables associated with satisfaction were compared using the Fisher's exact test.

**Results:** Median age at TP placement was 31 years (17-59). Most patients had their prosthesis in place for >1 year (81%) at the time of the survey. No patient reported complications from the TP and none underwent explantation.

All patients felt that being offered an implant before orchiectomy was important. Overall, 33 patients (82.5%) rated the TP as good or excellent, and 35 men (87.5%) would have the prosthesis implanted again. Thirty-seven patients (92.5%) found the TP to be comfortable or very comfortable. However, 44% considered the TP too firm and 20% felt the position was not appropriate. Appropriate size, appropriate position, and TP comfort were significantly associated with good or excellent overall TP satisfaction ( $P < .05$ ).

**Conclusions:** Overall satisfaction with testicular implants after orchiectomy for testicular cancer is high. Patients should be offered a testicular prosthesis, especially at the time of orchiectomy. Efforts should be made to optimize implant firmness, and care should be given to proper size selection and positioning.

## COLOPLAST KEY TAKEAWAYS

- Men who have undergone orchiectomy for testicular cancer report feelings of shame and reduced masculinity.
- Restoring patients to their original state of health and appearance represents a main tenet of cancer treatment.
- Studies have demonstrated that placement of a testicular prosthesis is safe with a very low complication rate, whether inserted at the time of orchiectomy or later.
- 88% of patients would undergo an implant again, 94% would recommend a testicular prosthesis to a friend.
- 100% of patients in this study responded that it was important to be offered the option of a testicular prosthesis before orchiectomy.
- Study demonstrates high overall satisfaction with saline-filled testicular implants after orchiectomy for testicular cancer in patients in the United States.

### Torosa® Saline-Filled Testicular Prosthesis

#### BRIEF STATEMENT

##### Indications

The Coloplast TOROSA Saline-Filled Testicular Prosthesis is intended for use when cosmetic testicular replacement is indicated i.e., in the case of agenesis or following the surgical removal of a testicle.

##### Contraindications

The implantation of testicular prostheses is contraindicated in the presence of infection or untreated neoplasm.

##### Warnings

This device contains solid silicone elastomer. The risks and benefits of implanting this device in patients with lupus (e.g., SLE or DLE), scleroderma (e.g., progressive systemic sclerosis), myasthenia gravis, or documented sensitivity to silicone should be carefully considered. The issue of the possible relationship between silicone and various diseases has been and continues to be the subject of scientific and medical debate.

Sepsis or hemorrhage may result from the placement of any foreign object in the body.

Excessive fibrous capsular formation or contracture may occur around any implant placed in contact with soft tissues.

##### Precautions

Each prosthesis should be checked for patency prior to surgery and continuously monitored throughout the surgical procedure to ensure that the structural integrity of the implant is not compromised in any way.

The action of drugs (such as antimicrobials, chemotherapy agents or steroids) in contact with the prosthesis has not been tested by the manufacturer, and their use cannot be recommended. Each physician who chooses to use drugs in combination with this prosthesis must assure compatibility of the drug with silicone elastomer.

A thorough preoperative consultation should include a discussion between the patient and physician of all available treatment options and their risks and benefits.

Implantation of the TOROSA Saline-Filled Testicular Prosthesis may be difficult or impossible in patients with inadequate scrotal tissue to cover the prosthesis, patients who have undergone prior pelvic radiation therapy, or patients whose wound healing abilities are compromised (e.g., uncontrolled diabetes, poor circulation).

##### Potential Complications

Potential complications include pain and discomfort.

The information provided is not comprehensive with regard to product risks. For a comprehensive listing of indications, contraindications, warnings, precautions, and adverse events refer to this product's Instructions for Use. Alternatively, you may contact a Coloplast Representative at 1-800-258-3476 and/or visit the company website at [www.coloplast.com](http://www.coloplast.com).

Caution: Federal law (USA) restricts this device to sale by or on the order of a physician.

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