
Techniques in Cosmetic Surgery

Breast Augmentation Using the Spectrum Implant with Exteriorized Injection Domes

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The author describes the use of implants with exteriorized injection domes for patients undergoing breast augmentation. Domes were exteriorized for 1 to 5 days to allow the implant volume to be altered in the early postoperative period. Thirty-three patients were treated without any infections. (*Plast. Reconstr. Surg.* 114: 1617, 2004.)

The use of implants with exteriorized injection domes for patients undergoing breast augmentation for complaints of hypomastia is presented (Fig. 1). Using this technique, the domes were exteriorized for 1 to 5 days, thereby allowing the volume of the implant to be altered in the early postoperative period. The advantage of this technique is that the injection dome can be removed a few days after surgery without the need for surgical removal. This technique was used in 33 cases without any infections.

METHODS

Breast augmentation is performed in the standard subpectoral fashion using a Spectrum implant (Fig. 2). The inframammary, transaxillary, or circumareolar incision is used. At the completion of the procedure, the fill tube of the spectrum implant is attached to a trocar (Fig. 3) and exteriorized through a long subcutaneous tunnel. The injection dome is then attached to the fill tube (Fig. 4). Postoperative volume adjustments can be achieved by inject-

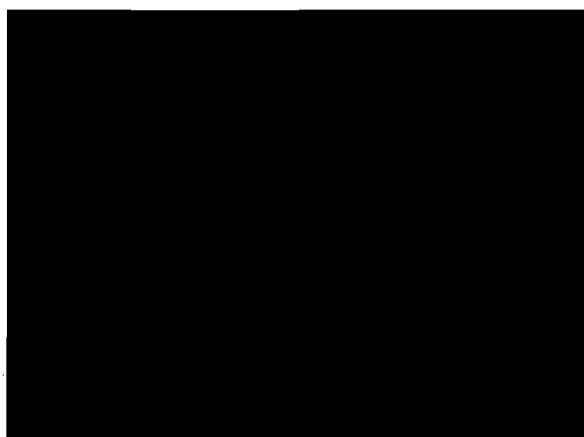


FIG. 1. Twenty-four-year-old patient with hypomastia.

ing or removing fluid from the injection dome (Figs. 5 and 6). The injection dome with attached fill tube is removed 1 to 4 days after surgery in most cases (Fig. 7). Diagrams are presented in Figures 8 through 11.

RESULTS

The technique was used in 33 consecutive cases in a 2-year period. Patients were grateful that they were able to participate in postoperative volume adjustment and were pleased with the final results (Figs. 12 and 13).

Implant sizes ranged from 225 cc to 425 cc. Seventy-nine percent of 33 patients had 20 cc to 100 cc of fluid added to their implants postoperatively. Twelve percent (of the 33 patients)

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