

## **CASE REPORT**

### **Reconstruction of nipple-areola complex using scrotal skin.**

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A 22 years male working in Oman presented to us as a patient who was operated one year back by a general surgeon for bilateral gynaecomastia grade 2.

The mastectomies were performed using circumalveolar incisions and the nipple-aerolar complexes were removed with the breast tissues. He had a pair of uneven scars in the alveolar region. The patient was concerned about his cosmetic appearance and felt shy while swimming.

Examination of the patient showed a pair of rounded scars that were depressed from the surrounded tissue. He was otherwise fit without any previous medical illness.

It was decided to graft these scars with scrotal skin and the procedure was explained to the patient. He was admitted; routine investigations were performed and preoperative preparations were done.

In theater the patient was anesthetized and prophylactic antibiotic were given intravenously.

One rounded graft from each side of the scrotam was taken. These defects were easily closed. The grafts were further trimmed and cleaned of fat.

The nipples were then constructed using quadripod flaps based medially. These nipples and surrounded de-epithelial zed skin were then covered with scrotal skin grafts and fixed with prolene stitches.

On 5<sup>th</sup> day the dressing was removed and on 10<sup>th</sup> day stitches were removed.

The patient came for followed after one month and then after three months. The donor sites and the grafts healed nicely with out any complications.

### **Discussion.**

The nipple- aerolar complex can be damaged or destroyed by trauma, infection, malignancy or itrogenically (as in this case).

Scrotal skin in case of male and labia minora skin in case of female is the only skin, which matches with the areola skin. Fairly large amount of this skin can be used with out any deformity and it gives good cosmetic result as seen in this case.

### **References:**

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