

Case of the Week

ROUND BLOCK ONCOPLASTIC BREAST TECHNIQUE - A SCARLESS SURGERY FOR THE MANAGEMENT OF BREAST LESIONS

A 28-year-old female presented to the hospital with complaints of multiple lumps in her right breast. On physical examination, there was no pain, fever, or nipple discharge. Mammography was done and it revealed solid mass lesions in both breasts in different quadrants (UCQ-UOQ-LCQ).

The lumps had a high index for suspicion of malignancy, so the tumour excision may involve multiple scars on the breast with an unacceptable cosmetic outcome. So, the Oncoplastic breast surgeon had decided to perform an oncoplastic technique i.e. "Round Block Oncoplastic Technique", also known as Benelli or Doughnut mastopexy. This is a useful type 2 oncoplastic technique for breast tumours.

During the procedure, a doughnut skin incision was done around the nipple-areola followed by wide excision of right breast tumor of size approximately 4x4 cm in right upper quadrant and 2x2 cm in the right lower outer quadrant. Excess skin is removed and the resulting wound is closed. After the procedure, the patient made an uneventful recovery and was discharged on the same day without any drain. The specimen was sent to histopathology for evaluation and it revealed chronic granulomatous mastitis.

Conclusion: The round block oncoplastic technique is suited for smaller breasts with minimal ptosis. The circumferential periareolar scar is often well concealed with lower re-excision rates compared to standard wide excisions and also it preserves the nipple sensation completely.

In this case, with the round block oncoplastic technique, the patient underwent excision of breast lumps from all quadrants successfully with minimal complications and excellent cosmetic outcome.



Round Block Oncoplastic Procedure



Post-surgery



During follow-up

SURGERY AT APOLLO HOSPITALS IS SAFE

SPECIALIST

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