



February 2<sup>nd</sup> 2015

Dear Ms. [REDACTED],

Thank you for reaching out to Tata Memorial Centre for an expert opinion in regard to assessing your treatment options. Navya Network is pleased to offer this online consultation service for Tata Memorial Centre.

We converted your case reports into a structured summary to be reviewed by a surgical oncologist in the Breast Disease Management Group at Tata Memorial Centre. We asked the following question(s) on your behalf:

1. Is Breast Conservation Therapy (BCT), which includes Lumpectomy (i.e. removal only of the cancerous tumor/lump in the breast) and radiation therapy, if feasible, safer than Modified Radical Mastectomy (MRM), which includes Mastectomy (i.e. complete removal of breast) with Axillary Lymph Node Dissection (ALND) (i.e. axillary clearance)?
2. Are additional diagnostic tests necessary?

Tata Memorial Centre's opinion is summarized as follows:

1. If breast conservation is desired then review of the mammography images by a surgical oncologist is recommended in order to determine whether Lumpectomy for Breast Conservation Therapy (BCT) is feasible.
2. Review of the mammography images is necessary to confirm that microcalcification (i.e. deposits of calcium that may or may not be cancerous) is contained (i.e. restricted within) to the outer half of the right breast, and the tumor/lesion noted at the 3 o'clock position in the breast is benign i.e. not cancerous.
3. If microcalcification is contained within the outer half of the breast and the tumor/lesion noted at 3 o'clock is benign, then Lumpectomy, which includes, which includes excision of the outer half of the right breast (i.e., removal of the outer half) and immediate reconstruction Lat Dorsi flap (LD flap) is recommended. Otherwise Modified Radical Mastectomy (MRM) is recommended.
4. After surgery, adjuvant chemotherapy is recommended
5. Adjuvant Loco Regional Radiation Therapy (LRRT) is recommended.

We hope that the expert opinion is helpful in determining the course of your treatment.

Please discuss this opinion with your local treating surgical oncologist. You may reach out to us with your mammography images, if you would like the experts at Tata Memorial Centre to review the mammography images and reconfirm the treatment plan for surgery.



Please note that for Breast Conservation Therapy (BCT), postoperative radiation is always necessary after Lumpectomy (surgical removal of only the cancerous tumor/lump in the breast). You may discuss the specifics of radiation therapy with your radiation oncologist.

Please do not hesitate to write to us or call us with any questions.

Sincerely,

Gitika Srivastava



**CASE SUMMARY** Navya ID [REDACTED] **Expert Opinion ID** [REDACTED], Ms. [REDACTED].

**Age:** 29 Years Old

**Clinical Diagnosis:** Operable Breast Cancer (OBC)

**Menopausal Status:** Pre-Menopausal

**Initial Clinical Tumor Size 1(cm):** 2.00

**Initial Clinical Tumor Size 2 (cm):** 2.00

**Axillary Clinical Lymph Nodes:** Yes

**Desires BCT:** Yes

**Breast Size:** 32 (Moderate)

**Breast Cancer Laterality:** Right

**Upper Outer Quadrant:** Yes

**Chest X-Ray:** January 18th 2015

**Chest X-Ray:** Normal

**Abdomen / Pelvis US Date:** January 18th 2015

**Abdomen/ Pelvis US:** Normal

**Diagnosis Made By:** Excisional Biopsy

**Malignant Breast Disease:** Invasive Ductal Carcinoma (IDC)

**Cancer Grade:** III

**Modified Richardson Bloom Score :** 8

**Lymphovascular Invasion:** Negative

**Estrogen Receptors ER - Status:** Negative

**Progesterone Receptors PR - Status:** Negative



**HER 2 NEU Receptors - Status:** Intermediate

**HER 2 NEU Receptors - IHC:** 2+

**Initial Ultrasound Size Date:** January 19th 2015

**Initial Ultrasound Size1 (cm):** 0.57

**Initial Ultrasound Size2 (cm):** 0.40

**Initial Ultrasound Size Text:** Rt breast scar seen from 8-11 o'clock position; Small nodule seen at 9 o'clock along medial aspect-?microcalcification-BIRADS-IV; Nodules seen at 12 and 3 o'clock position- BIRAD II; Rt axillary lymphadenopathy seen

**Functional Status- ECOG Score:** 0

**Bone Marrow (Hematologic) Function :** Adequate

**Kidney (Renal) Function :** Adequate

**Liver (Hepatic) Function:** Adequate

**Planned Treatment:**

Timing	Treatment
Primary	MRM- Modified Radical Mastectomy



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If you have any questions, please call +91 9845423460 or email [gitika@navyatech.in](mailto:gitika@navyatech.in)

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