Nipple-sparing mastectomy (NSM) for oncologic surgical management: Tumor-to-nipple distance (TND) on preoperative MRI aids patient selection and predicting outcomes

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SUMMARY STATEMENT

• Nipple-sparing mastectomy is oncologically safe in appropriately selected patients.
• Tumor-to-nipple distances of 6cm and 2cm on preoperative MRI may help with patient selection and predicting outcomes.

Table 1. Demographics and intraoperative characteristics

Table 2. Locoregional recurrence/occurrence of therapeutic NSM:

Table 3. Characteristics of therapeutic NSMs with L-R recurrence or distant metastases:

Table 4. Overall TND in therapeutic NSMs:

Table 5. Locoregional recurrence stratified by TND:

Table 6. Univariate analysis for risk factors for locoregional recurrence: Nipple-tumor plane, from nipple base to anterior aspect of lesion