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Skin sparing mastectomy (SSM) and immediate breast reconstruction (IBR) with autologous tissue (LD Flap): When feasible why not?

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Surgical treatment of breast cancer has evolved rapidly in recent years. Skin sparing mastectomy (SSM) and immediate breast reconstruction (IBR) with autologous tissue with or without implant is increasingly becoming popular for management of breast cancer, delivering excellent aesthetic and cosmetic outcomes. This study aims to assess the aesthetic outcome, patient satisfaction and oncological safety of SSM and IBR with autologous tissue (LD flap). We study 25 women with early breast cancer and evaluate the results of SSM and immediate breast reconstruction. All the patients had peripherally located breast cancer. The median age of the patients was 45.6 years. All patients had either stage I or stage II breast cancer. The breast size was small to medium cup size. There was no local recurrence of tumor in all patients at mean follow-up of 42 months. The aesthetic results were acceptable and operative morbidity was negligible. SSM and immediate breast reconstruction with autologous tissue (LD Flap) is a suitable option in early stage breast cancer patients with small to medium breast cup size. In developing countries like India, this procedure delivers cost effective treatment with adequate aesthetic results and good patient satisfaction without jeopardizing oncological safety.

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