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## 28617 – RYETOMIES ASSOCIATED WITH LIPOTRANSFERENCE FOR ONCOPLASTIC REFINEMENT

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**Introduction:** Lipofilling has been increasingly prominent among breast surgery refinement techniques, with a growing number of indications and a significant impact on enhancing aesthetic outcomes, demonstrating safety from an oncological perspective. Additionally, adipose tissue possesses regenerative potential related to the presence of mesenchymal stem cells. Combining this technique with rigotomies constitutes an effective therapeutic strategy for repairing pathological scars and restoring volume for breast symmetrization. **Methodology:** This is a case report from the Mastology Department at the Hospital de Clínicas de Porto Alegre. **Conclusion:** In oncoplastic breast surgery, lipofilling has rapidly gained popularity due to the rising demand for breast reconstruction and patients' increased expectations for better aesthetic results. "Rigotomies," a term named in honor of Gino Rigotti who described the technique, are commonly used to release and expand scars, creating multiple small cuts within the contracted tissue. This technique transforms the scar into a three-dimensional mesh, increasing the volume of the recipient bed and thus reducing interstitial fluid pressure, which enhances graft survival. When performing megavolume lipofilling (transfers exceeding 250 mL), this procedure should also be carried out to decrease interstitial fluid pressure and improve oxygenation of the grafted tissue. In the presented case, the technique was used for two purposes: releasing fibrosis beneath the surgical scar and increasing the three-dimensional mesh to facilitate megavolume lipofilling. Incorporating the rigotomy technique into surgical practice allows for final cosmetic refinement and may reduce the need for additional aesthetic procedures.