

**Silicone Adenopathy and Intractable Axillary Pain after Breast Implant Augmentation - Case Report**

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**Abstract**

*Introduction:* Silicone lymphadenopathy (siliconoma) is a rare complication secondary to breast implant augmentation or breast reconstruction surgery. Although it is usually linked to the age of the implant, the predominant etiology is multifactorial. Herein, we report a case of extensive siliconoma in the axilla in the hope that our experience will contribute to clinical decision making.

*Case presentation:* We report the case of a 41-year-old woman with intense pain in her right axilla 20 years after breast augmentation surgery. Analgesics were of limited use and the pain became debilitating over time. After a thorough physical examination, imaging studies found three central axillary lymph nodes with a "snowstorm" appearance, suggestive of silicone lymphadenopathy. A complete excision of the lesions was performed with resolution of pain on follow-up. Subsequent histological analysis showed lymph nodes containing large droplets of silicone.

*Conclusions:* General and plastic surgeons must remain aware as silicone adenopathy can be causative of anxiety and significant local symptoms among patients. Thorough investigations are needed in order to exclude malignancies and provide an optimal treatment strategy.

**Key words:** silicone lymphadenopathy, axillary pain, breast implant, implant rupture, granulomatous reaction