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Implant Technique Increases Lip Fullness and Redness

Augmentation uses autologous material harvested during a facelift

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FRIDAY, March 19 (HealthDay News) -- Lip augmentation using neck muscle and fascia harvested during a facelift leads to long-term enhancement of lip fullness and redness, according to research published in the March/April issue of the Archives of Facial Plastic Surgery.

Anurag Agarwal, M.D., from the Aesthetic Surgery Center in Naples, Fla., and colleagues reviewed photographs taken before and after surgery of 25 patients who underwent sternocleidomastoid muscle and fascia grafting to the lips with concurrent cervicofacial rhytidectomy. These were compared with photographs of 25 patients who underwent cervicofacial rhytidectomy without any lip procedure (serving as a control).



After a mean follow-up of two years, with a minimum follow-up of one year, the researchers found that there was a significant increase in mean upper and lower lip vermilion show (20 to 24 percent). There was also a significant increase in mean upper and lower lip projection (0.90 to 0.99 mm).

"Lip augmentation with sternocleidomastoid muscle and fascia grafts results in long-term enhancement of vermilion show and lip projection," Agarwal and colleagues conclude. "As with any lip augmentation procedure using autologous material, the surgeon must account for some degree of postoperative graft resorption and atrophy when determining the size of the grafts to be transplanted."