

LENI flap reliable for nasal defect reconstruction

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(HealthDay)—The lateral extended nasal island (LENI) flap is an

effective and predictable single-stage reconstructive technique for medium-size nasal tip defects, according to research published online July 3 in *JAMA Facial Plastic Surgery*.

Simon J. Madorsky, M.D., from the Skin Cancer and Reconstructive Surgery Center in Newport Beach, California, retrospectively reviewed 97 consecutive cases of [patients](#) who underwent reconstruction with the lateral nasal island flaps and LENI flaps from October 2009 to July 2018.

Among 82 patients (mean age, 64 years; 43 percent women) whose flaps qualified as the LENI flap, 65 percent were used for nasal tip reconstruction. Madorsky found a flap advancing distance range of 0.7 cm to 1.8 cm (mean advancing distance, 1.2 cm). Forty-four of 67 patients with available postoperative photographic documentation had mild or undetectable signs of reconstruction, 21 had visible scars, and three had obvious deformities. Sixty-six cases were single-stage procedures, 15 were two-stage, and two cases were three-stage.

"The LENI myocutaneous flap is a reliable technique for reconstruction of the cutaneous defects of the nose with excellent aesthetic outcomes," Madorsky writes. "We believe that it should serve as a workhorse alternative for [reconstruction](#) of nasal defects of up to 1.8 cm."

More information: [Abstract/Full Text](#)

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