

Hyaluronic acid filler deemed safe, effective for neck lines

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(HealthDay)—Hyaluronic acid (HA) filler injection seems to be

efficacious and safe for the treatment of horizontal neck lines, according to research published online July 20 in the *Journal of Cosmetic Dermatology*.

Soo-Keun Lee, M.D., Ph.D., from Mein Skin Clinic in Seoul, and Hei Sung Kim, M.D., Ph.D., from the Catholic University of Korea in Incheon—both in South Korea, conducted a retrospective chart review to assess the efficacy and safety of HA filler injection in the treatment of horizontal [neck](#) lines. Data were included from 28 neck halves from 14 patients, all of whom underwent a single treatment session with a 0.3 cc insulin syringe. At baseline and two months after treatment, the authors conducted a wrinkle assessment.

The researchers found that 35.7 and 64.3 percent of the 28 neck halves were treated with the linear threading technique (LTT) and the vertical technique (VT), respectively. Per side, the average amount of filler injected was 1.01 ± 0.13 cc. At two-month follow-up after filler injection, the Global Aesthetic Improvement Scale score of the horizontal neck lines was 4.04 ± 0.79 overall, 3.60 ± 0.70 with the LTT, and 4.27 ± 0.75 with the VT. Complications, including skin irregularity and accentuation of neck lines, were transient.

"Our preliminary study results indicate that HA filler [injection](#) with a 0.3 cc insulin syringe could be a safe and effective [treatment](#) option for horizontal neck lines," the authors write.

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