

Dorsal reduction adds to social perception of rhinoplasty

June 12 2018



(HealthDay)—Dorsal reduction has a greater effect than tip

manipulation in adding value to social perception of the facial profile of patients undergoing cosmetic rhinoplasty, according to a study published online June 7 in *JAMA Facial Plastic Surgery*.

Cherian K. Kandathil, M.D., from Stanford University in California, and colleagues assessed the [social perception](#) of four patients who underwent cosmetic [rhinoplasty](#). An online survey showed 813 participants original and simulated images in order for them to estimate age, approachability, perceived success, overall health, and intelligence, and to rate attractiveness on a visual analogue scale (0 to 100).

The researchers found that for the simulation involving hump reduction, a significant age reduction ($P = 0.04$) and an increase in approachability ($P = 0.009$), attractiveness (P health ($P = 0.03$) were seen when combined simulation of dorsum and tip rotation were tested. When the tip alone was rotated, no significant association was found for any of the responses.

"Though rhinoplasty procedures for nasal cosmesis involving both the nasal dorsum and tip were perceived to make a person more [attractive](#) and healthier, these results suggest that manipulation of the dorsum is more strongly associated with [perception](#) of the nose," the authors write.

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

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Citation: Dorsal reduction adds to social perception of rhinoplasty (2018, June 12) retrieved 27 April 2024 from <https://medicalxpress.com/news/2018-06-dorsal-reduction-social-perception-rhinoplasty.html>

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