

Eyelid position changes with transcutaneous blepharoplasty

July 11 2016



(HealthDay)—Transcutaneous skin-muscle lower eyelid blepharoplasty

is associated with a small increase in distance from the pupil and lateral limbus to the lower eyelid margin, according to a study published online July 7 in *JAMA Facial Plastic Surgery*.

Babar Sultan, M.D., from Sultan Facial Plastic and Reconstructive Surgery in Towson, Maryland, and colleagues conducted a retrospective medical record review involving [patients](#) who underwent transcutaneous blepharoplasty. Data were assessed from 100 patients (92 female) to quantify the change in lower eyelid position.

The researchers found that the mean increase in [distance](#) from the pupil to the lower eyelid margin was 0.33 mm and from the lateral limbus to the lower eyelid margin was 0.32 mm at the final follow-up. Significantly greater changes in both eyelid position measurements were seen for patients undergoing concurrent canthopexy. Compared with women, men had a greater change in the distance of [pupil](#) to lower eyelid (0.76 versus 0.3 mm) at final follow-up. After eyelid malposition, two patients required revision procedures, and new onset of dry eye symptoms was reported by 25 patients.

"Transcutaneous skin-muscle lower eyelid blepharoplasty with selective performance of canthoplasty or canthopexy causes a small, predictable eyelid position change in this population with a low rate of revision procedures," the authors write.

More information: [Abstract](#)
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