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Service (sector) Ocular Plastic Surgery N° CEP

Tarsorrhaphy and interpalpebral area.

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Purpose: To correlate the size of the lateral tarsorrhaphy and the decrease of the interpalpebral area. **Methods:** Digital photos were taken before and after permanent lateral tarsorrhaphy. The size of the tarsorrhaphy was determined by the ocular condition. The software Scion Image analyzed the interpalpebral area in square mm.

Results: Five patients underwent permanent lateral tarsorrhaphy in different sizes: 10mm, 12mm, 15mm, 20mm and 25mm. The percentage of decrease of the interpalpebral area was, respectively: 22%, 65%, 55%, 78% and 95%. In a graphic of dispersion the trendline type is the power.

Conclusion: The decrease of the interpalpebral area in patients with permanent lateral tarsorrhaphy follows a sine curve.

