

Astigmatische Ortho-K-Anpassung: Individuell zum besseren Ergebnis

Wenn Visus 1,0 noch nicht für gutes Sehen reicht

LITERATURVERZEICHNIS

Maseedupally VK, Gifford P, Lum E, Naidu R, Sidawi D, Wang B, Swarbrick HA. Treatment zone decentration during orthokeratology on eyes with corneal toricity. *Optom Vis Sci.* 2016;93(9):1101–1111. doi:10.1097/OPX.0000000000000896.

Li Z, Cui D, Long W, Hu Y, He L, Yang X. Predictive role of paracentral corneal toricity using elevation data for treatment zone decentration during orthokeratology. *Curr Eye Res.* 2018;43(9):1083–1089. doi:10.1080/02713683.2018.1481516.

Lyu B, Hwang KY, Kim SY, Kim SY, Na KS. Effectiveness of toric orthokeratology in the treatment of patients with combined myopia and astigmatism. *Korean J Ophthalmol.* 2016;30(6):434–442. doi:10.3341/kjo.2016.30.6.434.

Guo HC, Jin WQ, Pan AP, Wang QM, Qu J, Yu AY. Changes and diurnal variation of visual quality after orthokeratology in myopic children. *J Ophthalmol.* 2018;2018:3174826. doi:10.1155/2018/3174826.

Chew SK. Toric orthokeratology effectiveness on correcting astigmatism: a narrative literature review. *JOJ Ophthal.* 2018;6(5):555703. doi:10.19080/JOJO.2018.07.555703. Online verfügbar, Zugriff: 25.08.2026.[juniperpublishers]

Swarbrick HA. Orthokeratology review and update. *Clin Exp Optom.* 2006;89(3):124–143. doi:10.1111/j.1444-0938.2006.00044.x. Online verfügbar, Zugriff: 25.08.2026.[tandfonline]

Hiraoka T, Okamoto C, Ishii Y, Kakita T, Okamoto F, Oshika T. Time course of changes in ocular higher-order aberrations and contrast sensitivity after overnight orthokeratology. *Invest Ophthalmol Vis Sci.* 2008;49(10):4314–4320.

Chan B, Cho P, Mountford J. The validity of tangential corneal power maps in assessing the impact of orthokeratology on corneal reshaping. *Contact Lens Anterior Eye.* 2008;31(3):164–170.

Chen C, Cheung SW, Cho P. Myopic control using toric orthokeratology: the TO-SEE study. *Invest Ophthalmol Vis Sci.* 2013;54(10):6510–6517.

Wang B, Naidu RK, Chu R. Overnight orthokeratology lens designs for different corneal astigmatism. *Eye Contact Lens.* 2014;40(6):330–337.

Lee EJ, Lee SY, Kim YH, et al. Clinical safety and efficacy of orthokeratology contact lenses with toric peripheral curves: a review of the literature. *Eye Contact Lens.* 2025;51(5):237–243. doi:10.1097/ICL.0000000000001174. Online verfügbar, Zugriff: 25.08.2026.[nih]

Na Y, Moon NJ, Park M, et al. Clinical effectiveness of toric orthokeratology in patients with myopia and astigmatism. *Korean J Ophthalmol.* 2016;30(6):434–442. doi:10.3341/kjo.2016.30.6.434. Online verfügbar, Zugriff: 25.08.2026.[nih]

OCULUS Optikgeräte GmbH. Pentacam® AXL Wave: Gebrauchsanweisung. Revision 08, 06.05.2022. Wetzlar: OCULUS Optikgeräte GmbH. Online verfügbar, Zugriff: 25.08.2026.[oculus]

Bausch + Lomb Specialty Vision Products. BOSTON XO2®: Rigid Gas Permeable Contact Lens Material / Package Insert. Online verfügbar, Zugriff: 25.08.2026.[bauschgp]