



Seeing beyond

COMPENDIUM

ZEISS PRESBYOND

PRESBYOND® Laser Blended Vision from ZEISS is a software for treating patients with presbyopia. It offers the opportunity to achieve freedom from glasses by combining the simplicity and accuracy of corneal refractive surgery with the benefits of increased depth of field in retaining visual quality.

VISUAL OUTCOMES

| Year | Title | Link | Journal | Authors |
|-----------|--|--------------------------|-------------------------------|--|
| 2023 Jan | PRESBYOND Laser Blended Vision LASIK in Commercial and Military Pilots Requiring Class 1 Medical Certification | Abstract | J Refractive Surgery | Dan Z. Reinstein, MD, MA(Cantab), FRCOphth; Eleanor Ivory, MA (Cantab), MB BChir, MRCP; Adrian Chorley, BSc(Hons), MSc, PhD; Timothy J. Archer, MA(Oxon), DipCompSci(Cantab), PhD; Ryan S. Vida, OD; Ruchi Gupta, MOptom (Hons); Tariq Lewis, MSci, ARCS, OMT; Glenn I. Carp, MBBCh, FC Ophth (SA); Andrew Fonseca, FRAes, FRIN; Mark Parbhoo, BEng; (Hons), CEng, MRAeS |
| 2022 May | Visual and refractive outcomes following laser blended vision with non-linear aspheric micro-anisometropia (PRESBYOND) in myopic and hyperopic patients. | Abstract | J Refractive Surgery | Russo A, Reinstein DZ, Filini O, et al. |
| 2022 Oct | Refractive outcomes and optical quality of PRESBYOND laser-blended vision for presbyopia correction | Abstract | International J Ophthalmology | Dan Fu, Aruma Aruma, Ye Xu, Tian Han, Fei Xia, Xing-Tao Zhou |
| 2021 July | Functional outcomes and reading speeds following PRESBYOND LBV using non-linear aspheric ablation profiles combined with micro-monovision | Abstract | J Ophthalmology | Brar S, Sute SS, Bagare SN, Ganesh S.romero |
| 2020 May | Visual and Refractive Outcomes Following Laser Blended Vision Using Non-linear Aspheric Micro-monovision | Abstract | J Refractive Surgery | Sri Ganesh, MS, DNB; Sheetal Brar, MS; Megha Gautam, MS; Karthik Sriprakash, MS |
| 2012 Aug | LASIK for Presbyopia Correction in Emmetropic Patients Using Aspheric Ablation Profiles and a Micro-monovision Protocol With the Carl Zeiss Meditec MEL 80 and VisuMax | Abstract | J Refractive Surgery | Dan Z. Reinstein; Glenn I. Carp; Timothy J. Archer; Marine Gobbe |
| 2011 Jan | LASIK for Myopic Astigmatism and Presbyopia Using Non-linear Aspheric Micro-monovision With the Carl Zeiss Meditec MEL 80 Platform | Abstract | J Refractive Surgery | Dan Z. Reinstein, MD; Timothy J. Archer; Marine Gobbe |
| 2009 Jan | LASIK for Hyperopic Astigmatism and Presbyopia Using Micro-monovision With the Carl Zeiss Meditec MEL80 Platform | Abstract | J Refractive Surgery | Dan Z. Reinstein; Darren G. Couch; Timothy J. Archer |

META ANALYSES

| Year | Title | Link | Journal | Authors |
|-----------|--|--------------------------|-----------------------|---|
| 2022 July | Clinical outcomes of presbyopia correction with the latest techniques of presbyLASIK: a systematic review | Abstract | Eye (Lond) | Joaquin Fernandez et al. |
| 2020 Dec | PresbyLASIK: A review of PresbyMAX, Supracor, and laser blended vision Principles, planning, and outcomes | Abstract | Indian J Ophthalmol | Rohit Shetty et al. |
| 2010 July | Aspheric ablation profile for presbyopic corneal treatment using the MEL 80 and CRS-Master Laser Blended Vision module | Abstract | Journal of Emmetropia | Dan Z. Reinstein; Timothy J. Archer; Marine Gobbe |

en-INT_34_025_010411 CZ-XI/2023 International edition: Only for sale in selected countries.

The contents of this document may differ from the current status of approval of the product or service offering in your country. Please contact our regional representatives for more information. Subject to changes in design and scope of delivery and due to ongoing technical development. PRESBYOND is either a trademark or registered trademark of Carl Zeiss Meditec AG or other companies of the ZEISS Group in Germany and/or other countries.

© Carl Zeiss Meditec AG, 2023. All rights reserved.