



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
2025 Jan	Contrast Sensitivity and Stereopsis Outcomes Following LASIK Presbyopia Correction Based on the Corneal Aberration Modulation or Corneal Multifocality Induction Methods: A Systematic Review	Abstract	Journal of Clinical Medicine	Joanna Wierbowska, Zofia Pniakowska, Anna M Roszkowska
2024 Aug	Laser refractive correction of presbyopia	Abstract	Indian Journal of Ophthalmology	Sri Ganesh, Samak Sushmitha Sriganesh
2024 May	Outcomes of Corneal Compound Myopic Astigmatism with Presbyopia by Zeiss PRESBYOND® Laser Blended Vision LASIK Using Default CRS-Master® Target Refractions for Reduced Anisometropia	Abstract	J Refractive Surgery	Julia Hernández-Lucena, Federico Alonso-Aliste, Jonatan Amián-Cordero, José-María Sánchez-González
2023 Oct	Exploring the Effect of Preoperative Stereopsis on Visual Outcomes in Hyperopic Presbyopes Treated with PresbyOND® Laser Blended Vision Micro-Monovision	Abstract	Journal of Clinical Medicine	Julia Hernández-Lucena, Federico Alonso-Aliste, Jonatan Amián-Cordero, José-María Sánchez-González
2023 Sep	Influence of laser correction of presbyopia using the Presbyond® Laser Blended Vision (LBV) method on the stereopsis	Abstract	OphthaTherapy Therapies in Ophthalmology	Joanna Wierbowska, Zofia Pniakowska
2023 Jan	PRESBYOND Laser Blended Vision LASIK in Commercial and Military Pilots Requiring Class 1 Medical Certification	Abstract	J Refractive Surgery	Dan Z. Reinstein, Eleanor Ivory, Adrian Chorley, Timothy J. Archer, Ryan S. Vida, Ruchi Gupta, Tariq Lewis, Glenn I. Carp, Andrew Fonseca, Mark Parbhoo
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
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	Andrea Russo, Dan Z. Reinstein, Ottavia Filini, Timothy J. Archer, Allessandro Boldini
2021 July	Functional outcomes and reading speeds following PRESBYOND LBV using non-linear aspheric ablation profiles combined with micro-monovision	Abstract	J Ophthalmology	Sheetal Brar, Snehal Sute Smith, Sheetal N. Bagare, Sri Ganesh
2020 May	Visual and Refractive Outcomes Following Laser Blended Vision Using Non-linear Aspheric Micro-monovision	Abstract	J Refractive Surgery	Sri Ganesh, Sheetal Brar, Megha Gautam, Karthik Sriprakash
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, Timothy J. Archer, Marine Gobbe
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
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	Joaquín Fernández, Ainhoa Molina-Martín, Carlos Rocha de Lossada, Manuel Rodríguez-Vallejo, David P Pinero
2020 Dec	PresbyLASIK: A review of PresbyMAX, Supracor, and laser blended vision Principles, planning, and outcomes	Abstract	Indian J Ophthalmol	Rohit Shetty et al.
2014 Nov	Presbyopic correction on the cornea	Abstract	Eye Vis (Lond)	Samuel Arba Mosquera, Jorge L Alió

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