

Special Issue

Clinical Advances in Scleral Lenses: New Insights in Lens Fitting and Customization

Message from the Guest Editors

Scleral lenses, known for their unique design and ability to provide optimal ocular surface coverage, have emerged as a transformative tool in managing complex ocular conditions, including keratoconus, irregular astigmatism, dry eye syndrome, and post-surgical abnormalities. As the field continues to evolve, there is a growing need to synthesize cutting-edge clinical evidence and innovative approaches to enhance lens fitting, material science, and patient outcomes. This Special Issue, 'Clinical Advances in Scleral Lenses: New Insights in Lens Fitting and Customization', aims to showcase the latest breakthroughs in scleral lens technology, clinical applications, and management strategies. We invite submissions that explore novel fitting techniques; optical customizations, including the use of multifocal optics, wavefront-guided correction, and strategies for managing higher-order aberrations; advancements in lens materials and design; long-term clinical outcomes; and the integration of scleral lenses with other therapeutic modalities.

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