

Special Issue

Cataract and Refractive Surgery, and Intraocular Lens (IOL) Implantation: Advancing Diagnosis and Management

Message from the Guest Editor

Cataract surgery has evolved profoundly in recent years. Once aimed primarily at restoring vision, it is now recognized as a refractive procedure designed to optimize visual quality and promote spectacle independence. The introduction of premium intraocular lenses (IOLs), including toric, multifocal, and extended-depth-of-focus designs, has expanded refractive options and patient expectations. In parallel, advances in preoperative measurement technologies, IOL power calculation and the integration of artificial intelligence have greatly improved predictive accuracy, even in complex eyes. This Special Issue aims to showcase recent clinical and technological innovations enhancing refractive precision, premium IOL performance, and patient satisfaction in both routine and challenging cataract surgery.

Guest Editor

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