

Clinical Application Research of Scleral Lenses in Ocular Surface Diseases

NCT06555367

Status	RECRUITING
Sponsor	Second Affiliated Hospital, School of Medicine, Zhejiang University
Enrollment	20 participants

Key Eligibility Criteria

Inclusion (1)

- Patients with irregular corneal astigmatism, including those with post-keratoconus cross-linking surgery, post-keratoplasty, and corneal irregularities caused by trauma; Volunteers who are willing to participate in this trial, have signed the informed consent form, and are willing to cooperate with the treatment and follow-up; Individuals aged 18 years or older (including 18 years old), with no gender restrictions; Cases collected from January 2023 to August 2024.

Exclusion (1)

- Unable or unwilling to sign the consent form, or unable to follow the study procedures; Nursing or pregnant women; Individuals with acute ocular inflammation or infection; Corneal endothelium: Cell Density (CD) $\leq 1000/\text{mm}^2$; Individuals required to wear lenses overnight; Poor compliance; Those who do not meet the hygiene requirements for lens wear; Individuals whom the investigator deems have other reasons making them unsuitable for the trial.

Locations (1 total)

Second Affiliated Hospital of Zhejiang University Hospital, Hangzhou, Zhejiang, China