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The Limitation of Corneal Topography

A traditional corneal topographer takes an image of the front part of your eye (the cornea) and generates a colorful map showing steep and flat curvatures. While crucial for detecting corneal diseases, **regular topographers give zero information about the white part of your eye (the sclera).**

Since scleral lenses rest entirely on the sclera, putting a standard scleral lens on an irregular eye often results in compression, redness, and irritation.