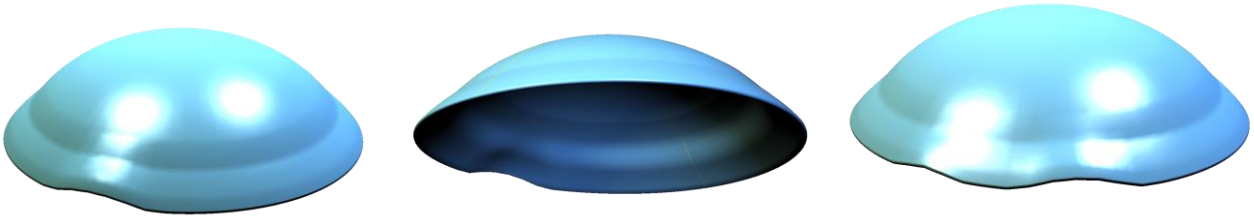# Edge Vaults

Edge Vault technology accommodates for pinguecula or other peripheral elevations that might otherwise interfere with a proper landing on the sclera. The Edge Vault creates a precisely designed circular bump near the edge of the lens to vault it up and over the peripheral obstruction. Designed and manufactured with CAD/CNC technology, Edge Vaults are more precise and reproduceable than traditional notching. Up to two Edge Vaults can be applied to Delta Scleral.

Parameterization of Edge Vaults:

Axis
The optical axis location of the center of the Edge Vault relative to the center of the lens. With the use of the parameter *Flat Meridian Axis*, the lens will already be compensated for lens rotation. Specify the exact axis on the eye that is desired.

Diameter (mm)
Equal to the width of the Edge Vault.

Decentration (mm)
Distance from the apex of the Edge Vault to the center of the lens. Decentration can be any amount, it does not have to be exactly at the lens edge. But if you want the Edge Vault to be centered on the lens edge, then use half the diameter, i.e.
for 15.5 lens use 7.75
for 16.5 lens use 8.25
for 17.5 lens use 8.75

Height (microns)
The Sag of the Edge Vault - how high the apex of the vault is above the ocular surface.

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