TECHNOLAS™
PERFECT VISION

SUPRACOR™

True Excimer Laser Presbyopia Procedure Without Monovision

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Excimer based approach

Using an Excimer Laser to apply a presbyopic treatment consists of two main steps

- Application of the distance correction
  - Application of a myopic or hyperopic correction according to the amount of preoperative ammetropia
  - Application of a nomogram to define the target MRSE for distance
- Application of the presbyopic correction to provide near visual acuity
  - A typical near addition to create more refractive power in a certain region of the cornea
  - An allover shape change inside the optical zone to increase depth of focus

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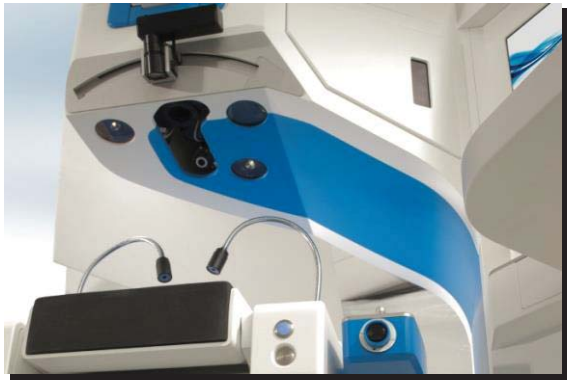
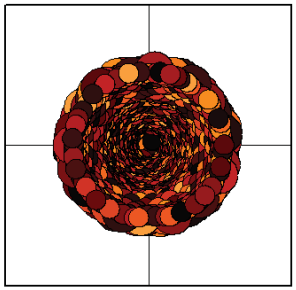
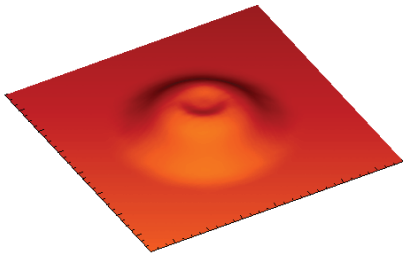
SUPRACOR



- **New corneal approach** to treating presbyopia with TECHNOLAS Excimer Workstation 217P
- **Presbyopic algorithm** to be applied to Hyperopic, Myopic and Emmetropic eyes, as well as post-LASIK cases.
- **Combines the best of both worlds**, using the growing INTRACOR experience and learnings from the corneal approach with excimer laser
- While other presbyopic algorithms create undesired aberrations inside the pupil region, SUPRACOR provides the near addition **without inducing undesired aberrations**.

Myopic SUPRACOR Treatment





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SUPRACOR - Basics

- SUPRACOR is a new presbyopic treatments algorithm which is designed to be applied to hyperopic, myopic and emmetropic eyes
- SUPRACOR is a true bi-lateral, multi-focal treatment without monovision or balance between the 2 eyes.
- SUPRACOR utilizes
  - Corneal K- and Q-Values to optimize the ablation
  - Full X/Y- and rotational Eyetracking
- SUPRACOR is our best Excimer procedure for Presbyopia ever

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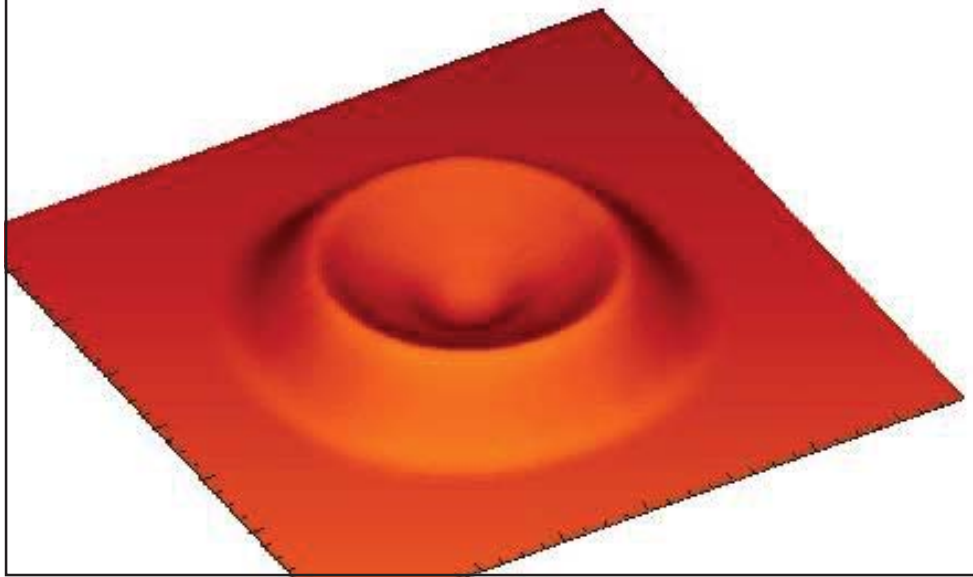
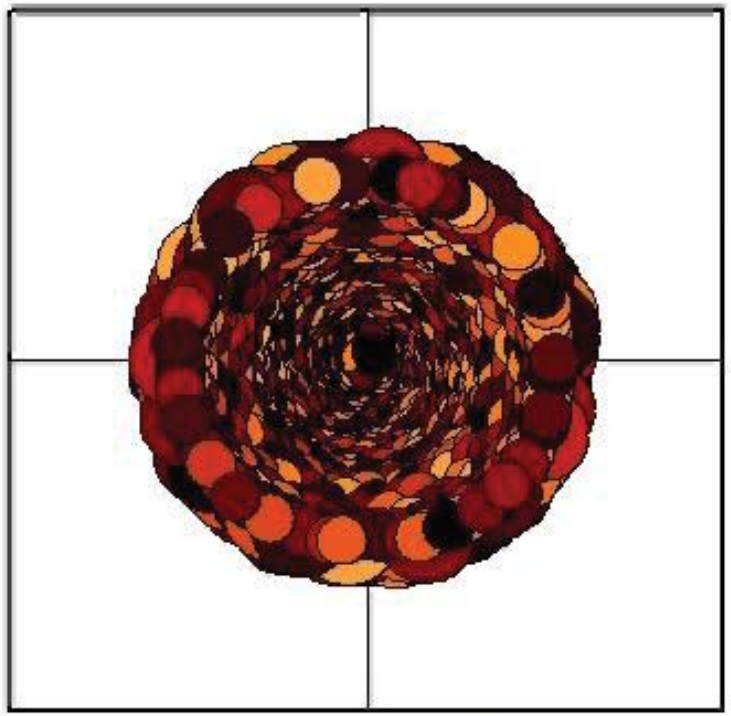
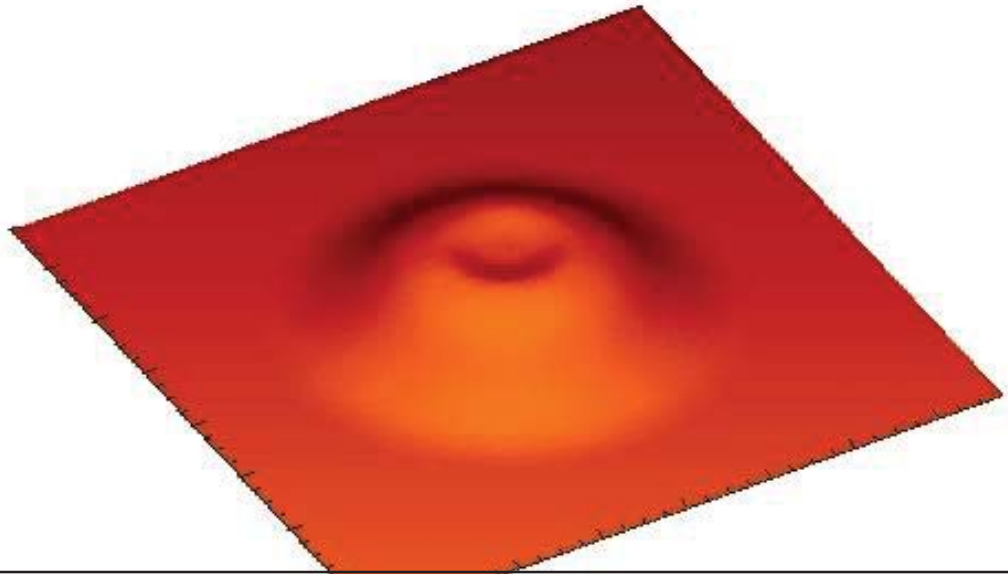
Hyperopic SUPRACOR Treatment



Myopic SUPRACOR Treatment

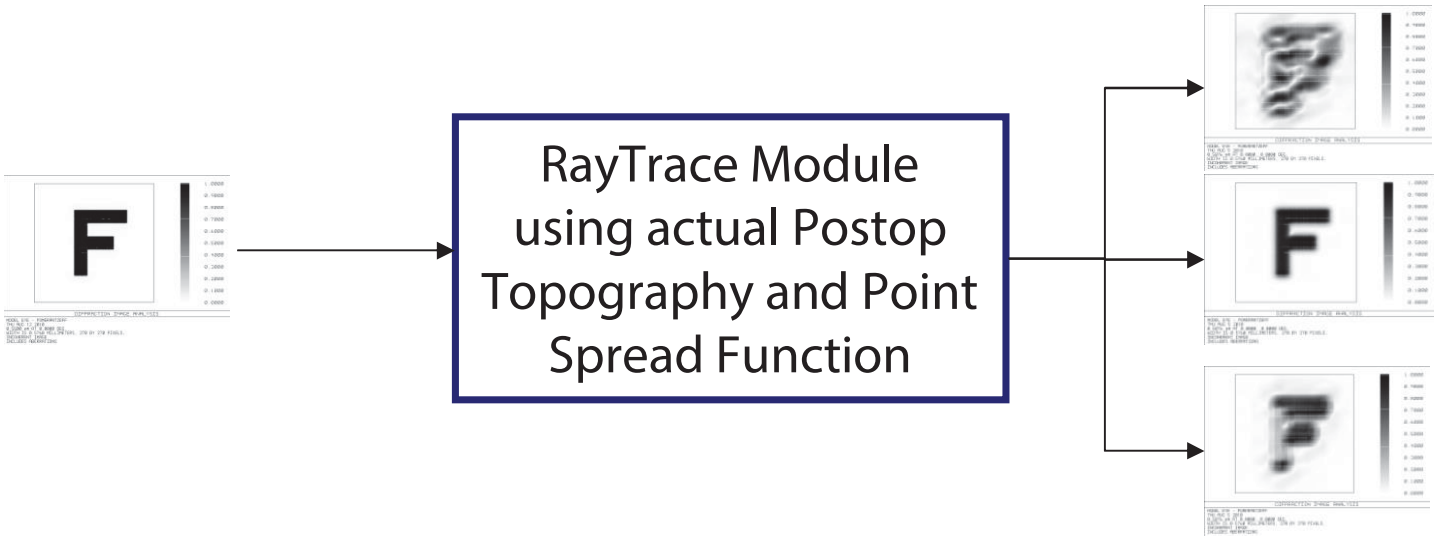




SUPRACOR - Theory

The generated information on the optical performance of the model based on the postoperatively observed topography is used to simulate the performance for Near, Intermediate and Distance Vision:

Simulation of the retinal images for objects in Near, Intermediate and Distant positions:



Complete Portfolio for Refractive & Cataract Laser Procedures

TECHNOLAS
Femtosecond
Workstation

TECHNOLAS
Excimer
Workstation

ZYOPTIX
Diagnostic
Workstation

ZYOPTIX XP
Microkeratome

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