

OPTIVISION

(Laser Refractive Treatment)

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ASA-S



ASA-S is a **Customized Advanced Surface Ablation (ASA)** procedure performed using the **SCHWIND AMARIS 1050RS** excimer laser.

Benefits

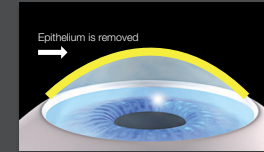
The **SCHWIND AMARIS 1050RS** laser is currently the highest performing, fastest excimer laser in the market with an unprecedented 7D eye tracker. A shorter treatment time aided by a unique eye tracker produces accurate results.

Prior to the treatment, your eyes are measured by the **SCHWIND Combi Wavefront Analyzer**, a powerful diagnostic system that provides complete corneal analysis and treatment planning.

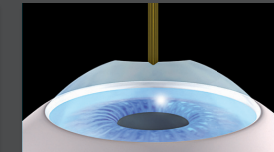
Procedures



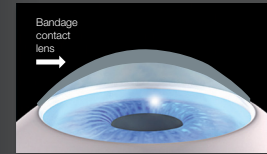
1) The **SCHWIND Combi Wavefront Analyzer** measurements are taken prior to starting treatment.



2) The corneal skin (epithelium) is gently removed from the cornea.



3) The inner layers of the cornea are reshaped using the **SCHWIND AMARIS 1050RS** excimer laser, thus correcting the eye's power.



4) Once treated with the excimer laser, a bandage contact lens will be placed on the cornea for 1 week to allow regrowth of the epithelium.

Advantages (AMARIS 1050RS) Advantages (ASA-S)

1. One of the fastest excimer laser in the world
 - shorter fixation time and therefore shorter treatment time.
2. Automatic Fluence Level Adjustment (AFLA)
 - an ideal balance between high and low laser fluence values lead to optimum smoothing of the cornea.
3. Intelligent Thermal Effect Control (ITEC)
 - corneal tissue heats minimally for a gentler treatment.
4. Machine eye tracker of up to 7 dimensions (including space and time)
 - better treatment accuracy and offers the ultimate level of safety.

- Safe treatment for eyes with thin corneas
- Painless, fast and comfortable procedure
- Bladeless
- Potential to treat cornea with scars
- Excellent vision quality
- Upgradable to **ASA-PRO**

ASA-PRO is a full wavefront-guided **ASA-S** for patients with poor initial vision quality and night vision. A wavefront-guided treatment is important to maximize vision results for these specific patients.

Note: This upgrade is only via the treating doctor's recommendation after a complete eye examination is done.