Myths AND REALITIES

Safety

A significant difference between SMILE and **Advanced CustomVue** procedure LASIK was found in safety, six-months post-op. More eyes were losing one line

of CDVA in the SMILE group (6.8% vs 0.0%), more eyes were gaining 2 lines of CDVA in the **Advanced CustomVue** procedure groups (0% vs 11.8%)⁴

Dry Eye

Dry eye is a condition difficult to measure due to the lack of correlation between signs and symptoms.

Studies looking at subjective dry eye questionnaires have shown:

 OSDI worsens after both SMILE and Femto-LASIK procedures, returning pre-op values after one month postop in both patient groups⁸

 By 3 months post op the McMonnies questionnaire scores recovered to their preoperative values in the SMILE and 90-µm flap LASIK groups⁹

Corneal Biomechanics

Corneal biomechanical changes occur after both small-incision lenticule extraction and femtosecond laser-

assisted LASIK, with no scientific evidence supporting the superiority of one technique over the other¹⁰

SEE LIFE TO THE MAX

Abbreviations

OSDI: Ocular Surface Disease Index HOAs: Higher-Order Aberrations

CDVA: Corrected Distance Visual Acuity
UCVA: Uncorrected Visual Acuity

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YOUR PATIENTS COULD

SMILE AFTER LASIK

TREATMENT POWERED BY THE

idesign™ system



COMPARISON OF SMILE VS. LASIK

Hellobook_01/2

SMILE procedure is indicated for myopia and myopic astigmatism only*

Facts on **SMILE**

- Does not allow for customized wavefront-guided treatments like the Advanced CustomVue procedure powered by iDesign™ system.
- ReLEx does not incorporate Iris Registration.

Facts on **iLASIK** procedure

With the **Advanced CustomVue** treatment powered by iDesign™ system, there is a minimal induction of HOAs regardless of the level of myopic correction achieved or the preoperative magnitude of aberrations.⁶

• Advanced CustomVue treatment ranges by iDesign™ system refraction.

More patients can be treated with the **Advanced CustomVue** procedure with the iDesignTM system.

- Myopia up to -12.00 D, with cylinder up to -8.00 D (SE up to -12.00 D)
- Hyperopia up to +8.00 D, with cylinder up to +8.00 D (SE up to +8.00 D)
- Mixed astigmatism up to 8.00 D of cylinder

Possibility of PreVue Lens



Vision recovery AND PREDICTABILITY

LASIK provides an immediate improvement in vision

leading to a tremendous "wow" effect directly after the surgery. With SMILE, the visual acuity takes some time to recover, so it has a reduced "wow" effect.

- Post-op day one: 60% of eyes with UCVA 0.8 or worse¹
- SMILE for myopia defects (sphere and cylinder) in usual population up to -10 D (6 months post op 20% with MRSE $> \pm 0.5$ D)²

Retreatments

Extensive retreatment experience with LASIK

In SMILE, the best retreatment method is still not defined.⁵

There is extensive experience with retreatments after FS LASIK. Results using a wavefrontguided and iris registration retreatment appear superior to those with traditional enhancement with a greater percentage of eyes achieving better levels of UCVA, improved predictability, and better safety profiles at 3 months.7

iDesign

Developed and manufactured in Silicon Valley, California

In a population with myopia up to -11.00 D, 7% of eyes had MRSE higher than ±0.5 D 3 months after FS LASIK.3

A recent study comparing the SMILE procedure to the **Advanced CustomVue** procedure found that 81.54% (SMILE) and 98% (WFG LASIK) of eyes had a 6-month postoperative spherical equivalent within ±0.50 D for the treatment of low to moderate myopia.4

A significant difference between SMILE and WFG LASIK was found in safety, with more eyes losing one line of CDVA in the SMILE group (6.8% vs 0.0%).4

