



AcuTarget SMILE SURGERY

JOEUNNUN VISION CLINIC



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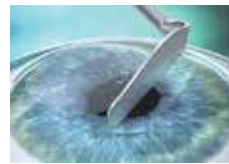
A new concept laser vision correction
that goes beyond the limits of LASIK, LASEK

SMILE SURGERY

First generation
PRK, LASEK

Correcting refractive error after
removing the corneal epithelium

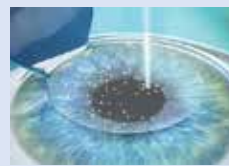
1



Second generation
LASIK

Correcting refractive error
by creating corneal flap

2



Third generation
SMILE (Small Incision Lenticule Extraction)

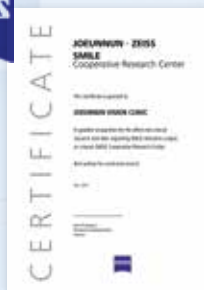
Correcting astigmatism and myopia
with 2mm incision without
corneal flap

3



Appointed as a Cooperative SMILE SURGERY Research Center

ZEISS



ZEISS (GERMANY) -
JOEUNNUN VISION CLINIC

Appointed as a SMILE Cooperative
Research Center

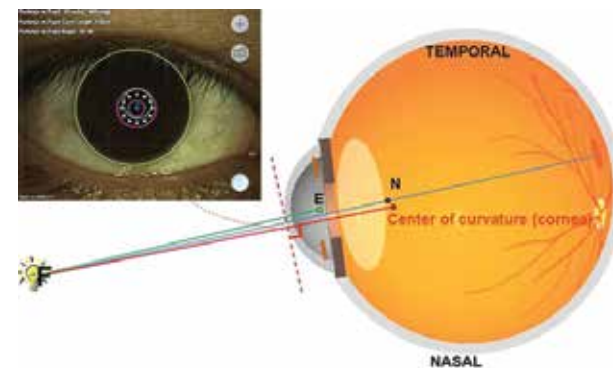
ZEISS, the developer of SMILE
Surgery, operates the SMILE
Surgery Research Center in
Korea jointly with JOEUNNUN
VISION CLINIC, and through
this, we share our clinic's
advanced know-how with the
world.

ACUTARGET SMILE LASIK PROGRAM

AcuTarget SMILE

surgery capable of visual axis analysis

AcuTarget is a visual axis analysis
device, and we can obtain a higher
quality of vision by performing SMILE
surgery based on precise visual axis
analysis using AcuTarget.



Corneal center No! Pupil Center No!
Correction with more precise Purkinje
center (Optical Zone Center)

In the past, SMILE surgery was performed based
on the corneal center or the pupil center,
which does not reflect the actual visual axis
and causes the quality of vision to deteriorate.



LBV Presbyopic LASIK

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100% Customizing P-LBV Presbyopic LASIK

Personalized presbyopic surgery using the advanced MEL 90 laser!
Correct presbyopia and myopia, hyperopia, at the same time.



Personalized corneal flap making
VisuMax



Laser with small amount
of cornea ablation
MEL90

Real-time ultra-precision
corneal measurement

Eye response control system

Minimize surgery time
with ultra-high speed
laser irradiation.

Smallest ablation amount

Optimized
aspheric realization

Less tissue loss and
more accurate and faster

Presbyond LBV90

The standard of Presbyopic LASIK! LBV Presbyopia solution

By increasing the individual spherical aberration,
the cornea is cut into an aspherical shape so that
the corneal center can see near distance and the
periphery can see far-distance lead to increase the
depth of focus and obtain satisfactory presbyopia correction.

Advantages of LBV presbyopic surgery



Simple Monovision Method

Because of the narrow depth
of focus, the intermediate distance is
uncomfortable, and the function of
binocular vision is reduced



LBV (Laser Blended Vision)

Maintaining the function of
binocular vision in the mid-distance
because of the high depth of focus

Analyzing individual causes and
Personalized care for dry eye syndrome!

JEOUNNUN VISION CLINIC

Precise eye examination and customized
treatment can fundamentally solve and
manage dry eye symptoms.



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To resolve the symptoms of dry eye,
the root cause must be treated.

Wearing contact lenses / Using a PC for a long time
/ After eye surgery / Symptoms of aging eye
We provide individualized treatment to improve the cause.

M22TM IPL

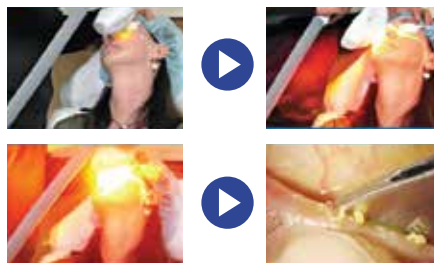
FDA Approved
[M22 Intense Pulsed Light]

M22 IPL is developed by Lumenis,
an FDA-approved medical laser

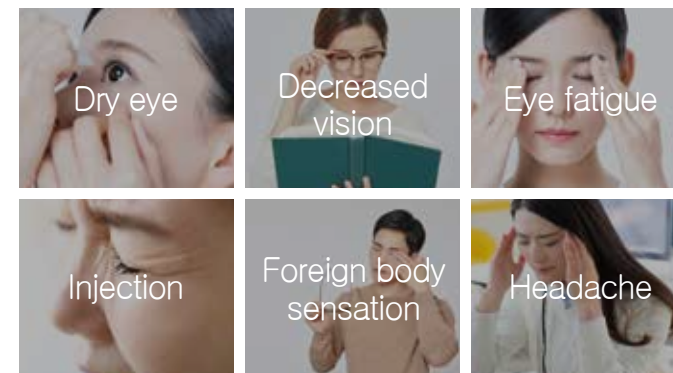
Customized care to treat the root cause of dry eye syndrome

Irradiation of pulsed light of special wavelength to the eyelid skin
improves abnormal tissue and treats meibomian gland dysfunction.
Selective treatment is possible without damaging the
epidermis underlying eyelid skin surface.

M22 IPL Dry Eye Treatment Procedure



After irradiating the skin surface of the eyelid with the M22 IPL,
the meibomian gland is compressed and discharged.



M22 IPL is a light therapy device for
dry eye treatment.

Acts directly on abnormal
blood vessels that cause eyelid
inflammation and dry eyes

By activating the meibomian gland,
restore the structure of the tear film

FDA-approved, proven and
safe light treatment

Since there is almost no epidermal
damage, it does not interfere with
the patient's daily life.