




sehkraft^o



experience a new dimension

sehkraft

We at sehkraft are convinced that you can only be really good if you focus on one thing and do it with passion.

As early as 1992, we were fascinated by the possibilities of modern laser technology, which allows us to significantly improve the vision and thus the quality of life of our patients in just a few minutes.

Since then, we have specialised in the use of innovative lasers in ophthalmology, helped drive the development of this technology, trained several hundred international doctors in this field and look back on a long and successful history.

We can draw on the experience of more than 70,000 successful treatments. A detailed consultation with our treating doctors before and after the treatment is a matter of course for us - because we want to find the best solution for you personally.

THE SPECIALISTS FOR YOUR LASER EYE TREATMENTS.

Our wealth of experience ensures excellent results and the safety you deserve for your eyes.

AMETROPIA & ASTIGMATISM

In the meantime, around 70% of the population is dependent on glasses and contact lenses due to defective vision.

This is where the modern laser eye treatment Femto-LASIK comes in. It is the safest and most precise procedure in medicine and 25 times more accurate than glasses or contact lenses. In order to achieve the best possible optics and thus maximum visual acuity, we at sehkraft calculate a completely individual, customised ablation profile for each eye instead of relying on standardised profiles. We base this on the experience of more than 70,000 surgeries over more than three decades.

In total, the treatment takes less than ten minutes. Eye

drops are sufficient for anesthesia and a light sedative for relaxation. The laser treatment itself is completely gentle and painless and only lasts between five and ten seconds - directly afterwards, the patient can go home and relax for a few hours. In the evening, it is even possible to toast to the new quality of life, and the next morning it is already possible to return to work.

... ARE PERMANENTLY REMOVED WITH THE HELP OF GENTLE FEMTO-LASIK.

The implantation of a special contact lens (ICL) is the best solution for very high refractive errors. The treatment is

performed on an outpatient basis in a twilight sleep and only takes about 15 minutes. Afterwards, the patient can go straight home and relax a little more. Of course, the implanted lens is not felt or seen in the eye.

**IN CASE OF VERY HIGH AMETROPIA,
THE IMPLANTATION OF A SPECIAL CONTACT
LENS (ICL) IS THE BEST SOLUTION.**

If the refractive conditions of the eye change at a later date, the lens can be replaced easily.



PRESBYOPIA



For some it comes a little earlier and for others a little later, but one thing is certain: presbyopia affects everyone at some point and is a natural part of growing older. But nowadays you no longer have to put up with it!

REPLACING THE NATURAL LENS OF THE EYE WITH A MULTIFOCAL LENS ENABLES GOOD VISION AT ALL DISTANCES.

With refractive lens exchange, we replace the dysfunctional natural lens with a state-of-the-art premium artificial lens. The procedure is performed on an outpatient basis in a

twilight sleep and only takes about 15 minutes. Afterwards, the patient can relax at home.

We offer a selection of over 25 different premium lenses that effectively treat visual defects such as short-sightedness, long-sightedness or astigmatism. They can also filter out dangerous UV light. Multifocal lenses also compensate presbyopia and thus ensure freedom from glasses at all distances.

If desired, we can of course use a femto-second laser, which makes the procedure extremely precise and particularly gentle.

ANOTHER EXCELLENT OPTION TO GET RID OF READING GLASSES IS MONOVISION.

This is a form of individual Femto-LASIK: for this, the leading eye is optimised for distance vision and the non-dominant eye for near vision. Here too, the procedure only takes a few minutes. A prerequisite for the success of this procedure is the perfect interaction of both eyes. This can be easily tested by simulating the desired result with contact lenses before the laser eye surgery.

UPPER EYELID LIFT - BLEPHAROPLASTY

The drooping eyelid occurs when the connective tissue above the eye slackens with age and excess skin accumulates in this area (dermatochalasis).

Upper eyelid lifting, also called blepharoplasty, is one of the most common procedures in plastic aesthetic surgery. It eliminates the visual complaints caused by drooping eyelids, such as a limited field of vision and the tension headache caused by the compensatory lifting of the brows.

The excess skin is removed extremely gently and precisely in a light twilight sleep. The fine suture is chosen so that it lies exactly in the eyelid crease and is therefore almost

invisible after the healing process. The procedure takes about 1 hour and is completely painless even after the surgery.

**BRIGHT EYES AND
A RELAXED FACE.**

We place great emphasis on a completely natural result during the treatment. This gives your eyes a brighter and more awakened appearance and ensures that your facial expression is more relaxed and you appear fresher and younger.

FROWN AND FOREHEAD WRINKLES

Vision problems caused by drooping eyelids are initially characterised by the fact that people very often raise their brows (compensatory brow lift) or bend their face backwards in order to achieve adequate vision. This leads to tension headaches and increases frown lines and forehead wrinkles.

If you continue to raise your brows out of habit even without a drooping eyelid, we can prevent this with a Botox injection and thus help you to adjust to the new situation.



DRY EYE SYNDROME

Burning eyes, a feeling of dryness and foreign bodies, red-ened eyes or sudden stabbing pain are symptoms of dry eye.

This eye condition often occurs as a result of everyday eye strain caused by artificial light, air pollution, air conditioning and working at a computer screen and can be very stressful. It is exacerbated by the wearing of contact lenses. Until now, those affected could only alleviate these symptoms by constant treatment with tear substitutes.

With the certified E-Eye treatment, we can now, for the first time, treat the cause of dry eye in an absolutely painless and lasting way - and in just a few minutes.

IPRL pulses stimulate the glands responsible for the production of the tear film so that it is produced again in the required quality and quantity. This requires three consecutive treatments, each lasting only a few minutes.

E-EYE TREATS THE CAUSE OF DRY EYES.

More than 300,000 patients have been successfully treated worldwide. E-Eye is currently the only device in the world that is certified specifically for the treatment of dry eye.

VITREOUS OPACITIES

Floater, mouche volantes or simply vitreous opacities are small collagen structures inside the eye that collect into clumps and block or bend the incoming light.

They are not uncommon, almost everyone has noticed these little spots when looking up at the sky.

It becomes problematic when the opacities settle in the centre of the field of vision. Especially against a bright background, e.g. when working at the computer, reading or looking at the blue sky or snow, these opacities are perceived and disturb the vision.

The new UltraQ Reflex™ laser, a gentle low-energy laser, splits the floaters with high precision without affecting adjacent structures or tissue.

THE FLOATER LASER REMOVES VITREOUS OPACITIES.

This means that floaters can be removed extremely effectively, gently and safely - and, of course, completely painlessly.

CATARACT

Cataract, a clouding of the otherwise clear lens of the eye, is the most common eye disease. The clouding of the lens makes it harder for light to enter the eye - so a clear, sharp image can no longer be formed.

MODERN LENS EXCHANGE FOR A SPECTACLE-FREE LIFE.

The replacement of the clouded lens with an artificial lens is the most common treatment in eye surgery. Modern cataract surgery not only treats the cataract, but also corrects the existing defective vision at the same time. This is the only way to restore young, undistorted vision. Many years of experience and experienced surgeons have made the procedures extremely standardised, gentle and safe.

Instead of the common standard lenses, we recommend highly popular premium lenses with various additional benefits for our patients. Multifocal lenses ensure good vision at all distances and enable a spectacle-free everyday life. In addition, we also offer the possibility of replacing the surgeon's scalpel with a laser, which makes the treatment much more precise and gentle.

The selection of the best suitable lens for the patient requires a precise examination and individual analysis of personal requirements. In a consultation, we will determine the optimal lens for you.

DRY AMD

Age-related macular degeneration - AMD for short - is the most common cause of blindness in the western world. It affects the central retina and leads to loss of central visual acuity.

Writing becomes distorted, faces become blurred and in the final stage only the peripheral field of vision is perceived. Since the early stage of dry AMD can develop into the severe form of wet macular degeneration, early diagnosis and appropriate therapy are crucial.

With the 2RT™ laser, we can treat the early stages of dry AMD for the first time. This is a completely painless method. Through the use of the 2RT laser stimulates a natural bio-

logical healing response on the retina, which stimulates a regeneration process (rejuvenation) and can combat the progression of this disease. The transition to the aggressive form of wet AMD can be prevented and thus the risk of blindness due to AMD can be significantly reduced. The treatment is performed on an outpatient basis and only takes about ten minutes.

THE 2RT LASER FIGHTS THE PROGRESSION OF DRY AMD.

Incidentally, 2RT treatment can also be used to treat diabetic macular oedema.

THE KERATOCONUS

The progressive form of keratoconus is a disease in which the cornea continuously loses stability. The cornea becomes progressively thinner, bulges out and causes irregular corneal curvature. As a result, vision becomes blurred and the quality of vision decreases. A corneal transplant may become necessary.

CORNEAL CROSSLINKING (CCL) STOPS THE PROGRESSION OF THE DISEASE.

Crosslinking is a method for the mechanical stabilisation of tissues. With the Corneal Crosslinking we can stop the

progression of keratoconus. For this purpose, Riboflavin (vitamin B2) is dropped in and irradiated with UV light of a certain wavelength. During this half hour, new cross-links are formed between the collagen fibres of the corneal lamellae: Your cornea is stabilised with immediate effect.

This method is also highly effective against chronic corneal infections.

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THE EXPERTS IN VISION.

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