

WHAT IS LASER HYPERPIGMENTATION REMOVAL?

It is removing hyperpigmentation on the face or elsewhere on the body with a laser that emits a beam of light that breaks up the pigment, which is peeled or sloughed off within three weeks. We remove hyperpigmentation caused by age, sunburn, inflammation or trauma, facial freckles, melasma.

WHICH LASERS DO WE USE?

Several lightening lasers are available at Medical Center Rogaška: Fotona SP Dynamis, Fotona StarWalker, ELOS technology. The doctor decides which one to use based on the appearance and thickness of the hyperpigmentation. Different protocols are used for different hyperpigmentations (solar lentigo, photodamaged skin, post-inflammatory hyperpigmentation, facial sunspots, melasma).

HOW IS THE TREATMENT PERFORMED?

The treatments are carried out in autumn/winter because the skin must not be tanned and must be protected from the sun for up to a month after the treatment.

First, the skin is cleansed and protective goggles are put on. The skin is cooled if necessary; when using ELOS technology, it is also coated with contact gel. A burning and stinging discomfort and occasional pain is felt during the procedure. The skin is cooled again after the procedure and a cream is applied for faster recovery and sun protection. Hyperpigmentations initially darken further and fade within 3 weeks. For full-face treatments, diffuse redness may be present after the procedure, which resolves within one to two days.

The Er-Yag laser leaves a small wound after the procedure, which heals within 10 days. If desired, an anaesthetic cream can be applied before the procedure.

HOW MANY REPETITIONS ARE NECESSARY?

One to five repetitions are required with a one-month break, depending on the type, size and thickness of hyperpigmentation.

THE SUCCESS OF THE PROCEDURE

The first result is visible as early as three to four weeks after the first treatment and improves with further treatments, if necessary.

CONTRAINDICATIONS OR FOR WHOM IS THE PROCEDURE NOT SUITABLE?

Laser hyperpigmentation removal is not suitable for pregnant women, persons with photosensitive skin or open wounds on areas, intended for treatment, due to injury, diabetes, chronic diseases of the soft tissues, radiation therapy or chemotherapy. It is not suitable for those who have an active herpes simplex virus infection, cancer, unrealistic expectations, or who are unwilling or unable to follow after-care instructions. You should warn your doctor in case you are taking anti-clotting medication.

SIDE EFFECTS AND COMPLICATIONS

The colour of hyperpigmentation is darker or a small wound occurs immediately after the Er-Yag laser treatment. As with any treatment, complications can occur after laser treatment in the form of swelling, bruising, infections, prolonged healing, bleeding, discolouration, sensory disturbances, inflammation, necrosis, ulceration, pitted scarring, watery bubbles and prolonged redness. However, there are no significant complications and laser treatment is very safe if the instructions are strictly followed.

POST-PROCEDURE INSTRUCTIONS

After the procedure, a cream is applied to speed up skin renewal and sun protection, which should be

continued for a month after the procedure.

There may be discolouration and peeling at the site of the procedure. Any scabs should not be removed by force to avoid scarring.

It is not recommended to visit the sauna for 14 days; SPF50 sun protection and hats or clothing are mandatory for a month after the procedure.

You can return to work or your daily activities immediately after the procedure.

Prior to the examination, you must also fill out the Informed Consent form together with the doctor as regulated by the Patient Rights Act and the Doctor's Duty to Obtain an Informed Consent. The rules for filling out the form and the statement are presented upon your arrival at our institution.

IF YOU HAVE ANY QUESTIONS REGARDING THIS BROCHURE, PLEASE CONTACT US FOR FURTHER INFORMATION.

We will take care of your health and well-being to the best of our ability. Thank you for your confidence in us.

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