

Information and Consent Form for Pico Laser Treatment

✿ About Pico Laser

Pico laser is a device that emits laser light in ultra-short bursts measured in picoseconds (1 picosecond = one trillionth of a second).

Due to its extremely short pulse duration, it delivers high energy in an instant, effectively targets melanin (such as dark spots) with minimal heat damage. As a result, fewer sessions may be needed to achieve improvement in skin tone.

Additionally, the risk of post-treatment side effects such as inflammation or hyperpigmentation is considered to be lower compared to other laser treatments.

✿ Indications

- Pigmented lesions such as dark spots, freckles, lip pigmentation
- Skin texture improvement
- Dermal melanocytosis (ADM)
- Acne scars with textural irregularities
- Fine wrinkles
- Early-stage seborrheic keratosis (benign skin growths)
- Removal of permanent makeup
- Tattoo removal

✿ Pre-Treatment Precautions

- Treatment cannot be performed on sunburned or tanned skin, as this significantly increases the risk of burns.
- Please apply sunscreen with SPF 30 or higher regularly to avoid tanning.
Note: If tanning has occurred, treatment will be postponed until the skin returns to its normal tone.
- Residual sunscreen or skincare products may react with the laser and cause burns. Be sure to thoroughly remove all such products before treatment.
- If you have been using tanning oil, please refrain from using it for 1–2 weeks before your treatment.

✿ Post-Treatment Precautions

- After procedures such as toning or fractional laser treatment, temporary swelling or redness may appear in the treated area. These symptoms are usually mild and resolve within about a week. If they persist for more than a week, please contact us promptly.
- Post-inflammatory hyperpigmentation (PIH) may occur. In most cases, it gradually fades over several months, though in rare instances, it may not fully resolve.
- The laser may cause temporary pinpoint bruising due to capillary irritation. These typically fade within a few days to a week, although residual marks may occasionally remain.
- If there is significant pain immediately after the procedure, we will apply an ice pack to help cool and soothe the area.
- If spot treatment was done, protective tape and ointment may be applied as needed.
- Do not scratch or rub the treated area, as this may damage the skin and lead to hyperpigmentation.
- Avoid taking baths on the day of treatment; showering is allowed. Please refrain from alcohol consumption, saunas, and intense physical activity.
- If you experience severe redness, swelling, or itching, please visit the clinic.
- Avoid sun exposure during the treatment period, and take daily precautions to protect your skin from UV rays.
- Follow the doctor's instructions carefully for appropriate home care after the procedure.

✦ Treatment Method and Process

- Topical anesthesia may be applied if necessary. If you are sensitive to pain, please consult with your doctor in advance.
- Protective goggles will be provided to shield your eyes from the laser light. Please keep them on throughout the procedure.
- You may still perceive brightness even with your eyes closed, but this will not cause any harm to your vision.

✦ Possible Side Effects

- Hyperpigmentation: Areas prone to friction or sun exposure are at higher risk.
- Hypopigmentation: In cases of deeper pigmentation, repeated or high-intensity treatments may lead to loss of skin color due to thermal damage.
- Scarring: Risk may increase depending on individual skin type, laser output, and short recovery periods between sessions.
- Other Complications: Crusting, blistering, purpura (bruising), erythema (redness), swelling, itching, and inflammation may occur.

✦ Areas Unsuitable for Treatment

- Areas with active skin infections, surgical incisions, open wounds, inflammation, or signs of infection such as discharge
- Areas directly over malignant tumors or active lesions of herpes simplex virus type 1 or 2
- Areas with significant sunburn within the past month

✦ Individuals Who Cannot Receive Treatment or Require Special Caution

The following individuals may not be eligible for treatment, or require special attention.
Please inform the clinic if any of the following conditions or medications apply to you:

- Individuals who are hypersensitive to light, or have photosensitivity, particularly to wavelengths of 532nm, 730nm, or 1064nm
 - Individuals with a tendency to develop keloids or hypertrophic scars
 - Individuals with endocrine disorders such as diabetes that may impair wound healing
 - Individuals with immunosuppressive diseases or those currently taking immunosuppressant medications
 - Individuals with bleeding disorders or those taking anticoagulant (blood-thinning) medications
 - Individuals who are pregnant or may be pregnant
 - Individuals with a history or current diagnosis of photoparoxysmal response or other light-sensitive conditions.
 - Individuals using medications, topical agents, or supplements that can cause photosensitivity
- Note: The safety of this treatment has not been established for individuals who are pregnant or breastfeeding. Please consult your doctor before proceeding.

Please be sure to follow all instructions provided by your treating physician throughout the treatment period. Not following these instructions may reduce the effectiveness of the treatment and increase the risk of complications.

If you experience any unusual symptoms during the treatment process, please promptly report them to a doctor or nurse, and follow the physician's guidance after a proper medical assessment.

At our clinic, we take clinical photographs to document treatment progress and include them in your medical records. If you do not consent to these photographs, it may not be possible to adequately monitor your progress, and we may not be able to appropriately address inquiries about treatment results or manage complications (e.g., skin reactions or nerve symptoms) that may occur.

Please be aware that additional treatment fees may apply in the event of complications.