



Procedure Information Sheet

Introduction

Nd:YAG lasers generate lights with a wavelength of 1064nm and 532nm, which can penetrate both the superficial and deep layers of the skin.

Indications

1. Epidermal lesions: Lentigines, café au lait macules, freckles, seborrheic keratosis.
2. Dermal lesions: Naevus of Ota, Naevus of Ito, ABNOMs (acquired bilateral naevus of Ota like macules), Mongolian spots.
3. Mixed: Melasma, post-inflammatory hyperpigmentation, Becker's naevus, naevus spilus.
4. Tattoo removal
5. Skin rejuvenation

Contradictions

- Pregnancy, photosensitive conditions such as systemic lupus erythematosus, porphoria and medications that induce photosensitivity.
- Patient with recent sun exposure and keloid tendency should use the laser with caution.

Before the Operation / Procedure

1. Local anaesthesia may be required.
2. Multiple treatments are usually required for improvement and total clearance may not be possible.
3. Clinical results vary and there is no guarantee to the final outcome of the treatment.
4. Recurrence is possible.
5. Photographs will be taken before and after the procedure.

After the Operation / Procedure

1. The treated area will become red and swollen, this might last for a few days to a week.
2. Scabs might be formed and it will take 1-2 weeks to come off.
3. After the scabs have come off, the underlying skin will be pink or red and this could take 1-6 months to fade.
4. Hypo- or hyper- pigmentation could develop after the treatment, and this could take 1-6 months to fade, and rarely, it may be permanent.
5. Apply antibiotic ointment to the wound until the scabs have come off.
6. Routine skin care products and makeup may be used after the scabs have come off.
7. Apply sunscreen and avoid exposure to sunlight.

Risks and Complications

1. Redness, swelling, bruising, bleeding, blistering, infection, itchiness.
2. Hypo- or hyper- pigmentation.
3. Scarring.

Patient's Label

Patient Name: _____
Hospital No: _____
Adm No/Episode No: _____

Disclaimer

This leaflet only provides general information pertaining to this operation / procedure. While common risks and complications are described, the list is not exhaustive, and the degree of risk could also vary between patients. Please contact your doctor for detailed information and specific enquiry.

Reference

1. Passeron et al. Laser treatment of hyperpigmented lesions: Position statement of the European Society of Laser in Dermatology. JEADV 2019. 33:987-1005

Patient's Signature: _____ Date: _____