

Procedure Information Sheet - Carbon Dioxide Laser Treatment

1. What is carbon dioxide laser treatment?

Carbon dioxide (Co2) laser treatment uses the energy of laser beam with specific wavelengths to destroy skin lesions. Local or topical anaesthesia is required for the procedure. If injection of local anaesthesia is needed, you will feel brief stinging pain when the local anesthetic is injected into the area surrounding the lesion to be treated. The anaesthesia will make the skin go numb and it will reduce the discomfort or pain during the treatment.

2. Before the procedure

Please inform our doctor if you:

- are taking any medication or traditional chinese medicines
- have any allergies to any medication, especially if you have had any reactions to local anaesthesia
- have any bleeding problems or are taking blood-thinning medicines (such as aspirin or warfarin, etc)
- are or may be pregnant.
- have any pacemaker, implanted defibrillators or other medical implants.
- have any previous cosmetic procedures
- get cold sores around your mouth;
- have history of vitiligo or skin sensitivities.

Please avoid getting tanned before the procedure. Sun exposure before and after the procedure can cause irregular pigmented areas on the skin.

3. Possible risks & complications

- Pain
- Redness and swelling
- Bleeding and bruising
- Itching
- Blistering
- Infection
- Recurrence
- Crusting
- Scarring (hypertrophic scar, keloid, sunken scar, etc.)
- Wound healing problems
- Post-inflammatory hyperpigmentation or hypopigmentation
- Skin texture changes or slight depression of treated skin
- Reactivation of Herpes Simplex Virus

4. After the procedure

- There may be redness, swelling, itching, pain or discomfort over the treated areas for a few days. Healing takes 7-14 days leaving the new skin red or pink depending on treatment area and depth.
- Please keep wound hygiene before wounds are completely healed. Please follow the wound care instruction given by health care professionals. Avoid scratching or scrubbing the treatment area.
- It is important to do sun protection and minimize sun exposure following the procedure to reduce hyperpigmentation. Please apply sunscreen or use physical methods for sun protection.
- Swimming and sweat-producing activities should generally be avoided until the wound has completely healed.



Hosp No. : HKID No.:
Case No. :
Name :
DOB : M / F
Adm Date :
Contact No.:

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- Contact us if you have:
- Excessive bleeding or abnormal discharge
 - Worsening pain, redness, or swelling of the biopsy site
 - Fever
 - Other concerns regarding the surgical wound(s)

5. Remarks

The information provided above of the medical procedure is for reference only. Unforeseen risks or complications may occur for certain types of patients or individuals and cannot be fully recorded. For further information, please contact our doctor.

I acknowledged the above information concerning the operation or procedure. I have also been given the opportunity to ask questions and received adequate explanations concerning the condition and treatment plan.

Patient/ Relative Signature: _____

Patient/ Relative Name: _____

Date: _____

