



Hair Removal

Light-based Cosmetic Procedures

Skin Rejuvenation

*Safe use of light-based cosmetic devices
protects you against skin injury*



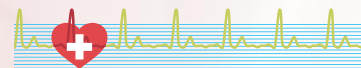
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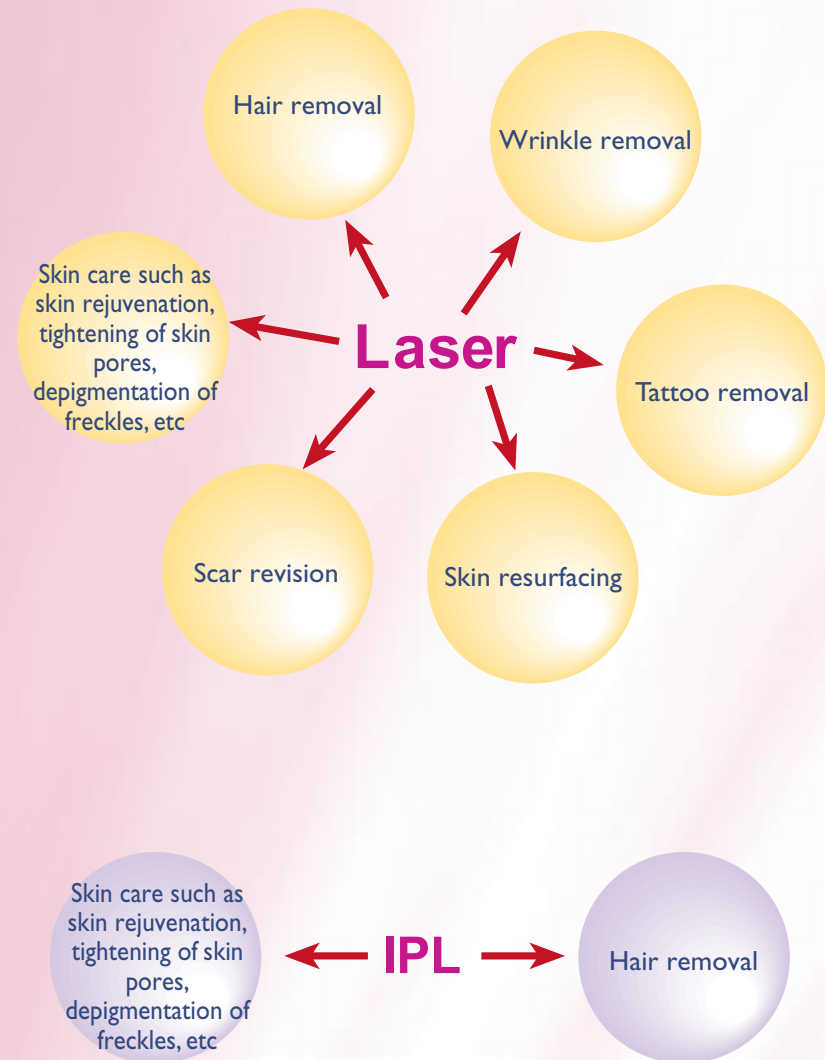
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What are light-based cosmetic procedures?

Light-based cosmetic procedures achieve beautifying effects like skin rejuvenation, wrinkle removal and pigmentation reduction by applying onto the skin surface certain kinds of light beams via light-based equipment such as laser or intense pulsed light (IPL) apparatus and making use of the heat energy transformed from the absorbed light energy to destroy unsightly skin tissues such as hair follicles, blood capillaries and pigments.

	Laser	IPL
Principle	Intense beams of highly non-coherent and monochromatic light emitted by laser apparatus are applied onto skin tissues to achieve desirable treatment effects.	By making use of a non-coherent broadband light flashing system, a set of non-coherent intense beams of specific wavelengths are produced. A filter is placed in front of the flashlamp to stop beams of unwanted light waves and permit only beams desirable for the treatment to pass through.

Uses of laser and IPL:



Are there any skin condition which should first be managed by registered medical practitioners?

The following skin conditions should be diagnosed by registered medical practitioners first to work out the appropriate treatment plans:

I. Vascular disorders, including:

1. Angiokeratoma
2. Capillary haemangioma
3. Cherry angioma
4. Port-wine stain
5. Acne rosacea / Wine erythema / Rosacea
6. Spider Naevus
7. Telangiectasia



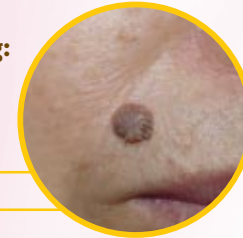
II. Pigmentation disorders, including:

1. Acquired bilateral naevus of Ota-like macules - ABNOM / Hori's naevus
2. Cafe-au-lait macules
3. Lentigines
4. Melanocytic naevus
5. Melasma / Cholasma
6. Naevus of Ota
7. Seborrhoeic keratosis



III. Other disorders, including:

1. Hirsutism
2. Viral wart
3. Acne scar
4. Hypertrophic scar / keloid
5. Xanthelasma



Do you have the following conditions that are not suitable for light-based cosmetic procedures?

Local or generalized inflammatory disorders, especially inflammation of facial skin such as blisters

Impaired immunity

Predisposition to keloid formation

Photosensitivity

Recent use of photosensitive drugs

Anxiety neurosis

Suspected dermatological malignancies

Coagulation disorders

Pregnancy

Epilepsy

Recent sunburn

What are the side-effects and risks of light-based cosmetic procedures?

Possible side-effects include pain, blister formation, redness and swelling, scab formation, hyperpigmentation or red marks. Excessive light energy exposure may cause skin burn or permanent scarring. Direct exposure of the eyes to excessive light energy may even result in visual loss.

Trade Test for the Intense Pulsed Light (IPL) Equipment Operator

The Vocational Training Council (VTC) first launches the Trade Test for the Intense Pulsed Light (IPL) Equipment Operator in 2007 for voluntary participation by operators other than registered healthcare workers. The trade test aims at enhancing the safety awareness of operators of IPL equipment so as to reduce the risks of injury on themselves and customers arising from improper operation, as well as to allow the operators without formal training to acquire the certification. Operators passing the Test will be awarded a certificate in recognition of their basic knowledge in safe operation of IPL equipment and competency in conducting hair removal and skin rejuvenation procedures for customers. For details, please refer to the VTC webpage at <https://www.proact.edu.hk/proact/html/en/trade-test/index.html>.

Advice from the Department of Health

- 1** Maculae or naevi on the body should not be removed by light-based cosmetic procedures until they are confirmed by a medical practitioner to be non-malignant or will not progress to other potential diseases.
- 2** Customers should request for information on light-based cosmetic procedures such as service options and their charges, procedures, conditions not suitable for exposure, possible cosmetic outcomes, potential side-effects and complications.
- 3** Before making a decision to undergo light-based cosmetic procedures, customers should make detailed enquiries on the qualifications of operators, for example, whether they have passed the Trade Test for the Intense Pulsed Light Equipment Operator launched by the Vocational Training Council.
- 4** In the course of the light-based cosmetic procedures, customers should pay attention to relevant safety procedures such as conducting skin test, wearing protective goggles and taking proper sun protection measures subsequent to every session.

For further information on medical device, please visit the website of Medical Device Division, Department of Health at <https://www.mdd.gov.hk>.