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Cellular mechanisms by Photomodulation

Light Emitting Diode therapy



PDT Mask

AlaBeam

- Light Emitting Diode therapy is a totally natural and pain free light treatment for a wide range of skin concerns including acne, photodamage, lines and wrinkles and for general skin rejuvenation.
- Is also effective for psoriasis, minimisation of scars and for wound healing.

● Specification

- Model Name : AlaBeam
- Input Voltage: AC100/240V, 50/60Hz
- Max. Power Consumption : 20W
- Dimensions : 30(W) 25(D) 20(H) cm
- Weight : 2kg
- Protection Class/Type : Class 1/B
- Light Power : Red 630nm +/-10nm
Blue 415nm +/-10nm
IR 830nm +/-10nm



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● The Scientific Advantage

Physician Benefits

- **Safe** : Risk-free because it's non-thermal and non-ablative.
- **Affordable** : Longevity of LEDs means little to no replacement costs.
- **Quick** : Treats the full face all at once.
- **Easy** : Integrating the procedure into your practice requires no special training or additional staff.
- **Profitable** : Provides ongoing revenue stream and brings added value to your current offerings. For patients of all ages.

Patient Benefits

- **Painless** : No discomfort, no anesthesia, no downtime.
- **Affordable** : Less costly than other light-based procedures.
- **Quick** : Procedure takes just minutes.
- **Easy** : Simple protocol with no aftercare or special considerations.
- **Effective** : Cleared to treat periorbital wrinkles and rhytids. Safe for all skin types including dark and sensitive skin.



AlaBeam

● The advantages of AlaBeam™ therapy

- Stimulates the bodies own cellular mechanisms by photomodulation.
- Not a laser or an IPL so no heat, no side effects or downtime.
- Non-invasive, non-ablative safe therapy.
- No damage to sub-dermal tissue.
- Relaxing and calming experience.
- Compatible with existing skin rejuvenation techniques such as Botox™, IPLs, laser resurfacing and cosmetic surgery such as blepharoplasty and breast reduction and augmentation.
- Allows treatment of large areas such as the face and chest.
- Simple to operate.
- Economically viable.

● Specification



Red 630nm +/-10nm

- Stimulate cytochrome in the fibroblast to produce collagen; significant result for fine line, enlarge and rough skin pores, swelling after the surgery.
- Use for the aging and sagging skin in cosmetic market.



Blue 415nm +/-10nm

- Destroy the bacteria for treating the acne problem. At the same time the blue light can relax the skin and fighting allergy.
- Use for acne treatment and sensitive skin in cosmetic market.



IR 830nm +/-10nm

- At 830 nm wavelengths penetrate tissues to a depth of 4+ and cellular ATP production is stimulated maximally in the affected tissues.
- Use for anti-inflammatory activities and wound healing.



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