**Photo Dynamic Therapy (PDT)**

Multiple applications - PDT, Accelerated wound healing, Hair loss prevention, Acne.

**Effective** - affects only the lesion or wound without damage to the surrounding skin.

**Scientifically proven** - endorsed by leading dermatologists in major universities.

**Safe** - no side effect, there are no liability concerns.

**Hands free system** - enabling simultaneous work.

**Fast return on investment** - moderate price enables a fast ROI.

**Low maintenance cost** - no need for special cooling or ventilation.

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**Technical Specifications**

<table>
<thead>
<tr>
<th>Technology:</th>
<th>SPC™ (Selective PhotoClearing) system, Tunable plasma light</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wavelength:</td>
<td>Blue 405-420 nm, Red 600-620 nm, NIR 850-890 nm, Selectable</td>
</tr>
<tr>
<td>Maximum energy density:</td>
<td>330 J/cm²</td>
</tr>
<tr>
<td>Treatment area:</td>
<td>30cm x 30cm</td>
</tr>
<tr>
<td>Treatment ergonomics:</td>
<td>Adaptable to any bed or seat</td>
</tr>
<tr>
<td>Electrical requirements:</td>
<td>230V; 1A; 50Hz / 110V; 6A; 60Hz</td>
</tr>
<tr>
<td>Size:</td>
<td>175 x 107 x 47 cm</td>
</tr>
<tr>
<td>Weight:</td>
<td>50 kg</td>
</tr>
</tbody>
</table>

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**Indication Mode Filters**

- **PDT**
  - Blue light (Acne) + Blue Filter
  - Blue light + NIR (AK / BCC) + Red Filter
  - Blue light + Red + NIR (SCC) + No Filter

- **Accelerated Wound Healing**
  - Blue light + Red + NIR + No Filter

- **Hair Loss Prevention**
  - Blue light + Red + NIR + No Filter

- **Acne**
  - Blue light + NIR + Red Filter

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**CureLight Medical Ltd.**

Tel. + 972.8.936.3604  Fax. + 972.8.936.3614  info@curelight.com  www.curelight.com
Three Wave Lenghts

The iClearXL is the most effective, high intensity, triple mode, plasma phototherapy system. The system utilizes multiple, scientifically proven, clearance of pre-cancerous and cancerous skin lesions, acceleration of wound healing, prevention of hair loss and treatment of Androgenetic Alopecia in both young and older population.

After this breakthrough system enables you to effectively and non-invasively address the most common skin complications in both young and older population. Using a scientifically proven light based technology, iClearXL, offers a unique “hands free” treatment approach which enables you to attend to several patients simultaneously.

Accelerated Wound Healing

The exclusive wound healing capability of the iClearXL is a great benefit for treatingseptic wounds such as diabetic wounds or ischemic ulcers. The combination of blue, red and near infrared light releases a cascade reaction which results in quicker wound recovery. Results in a series of 5-10 treatments spread over 10-14 days patients experience remarkable improvement.

Enhancement of the skin, reduction of edema and increase in micro-circulation results in rapid wound healing.

Photo Dynamic Therapy (PDT)

Photo Dynamic Therapy (PDT) is a contemporary, novel clinical technique to destroy malignant cells and cystic acne lesions. When combining photodisinfectors with light of specific wavelengths, a destructive photobiologic reaction is initiated in abnormal tissues, leading to the cytotoxic effect only to abnormal cells. The result is apoptosis or necrosis of undesired cells without any adverse effect to healthy skin. PDT is a safe and effective treatment which can easily be performed in your office setting.

PDT of Skin Cancers

Actinic Keratosis (AK) are common pre malignant lesions occurring predominantly in individuals with skin type one to three. Patients with superficial non melanoma skin tumors, mainly superficial basal Cell Carcinomas (BCC) and in selected cases Squamous Cell Carcinoma (SCC), are eligible candidates for PDT treatment. The treatment destroys the tumor cells selectively, without harming the surrounding healthy tissue. In addition to the clinical benefit of treatment, clearence of the lesions creates a cosmetic improvement in the appearance of the patient.

PDT of Acne Lesions

Acne lesions of different grades, mainly cystic acne, can be caused by PDT treatment on all body areas. A secondary effect of the reaction is damage to the sebaceous glands which regulates its activity. Folliculitis, Rosacea and Seborrhea are also less frequent to respond to PDT treatment.

Hair Loss Prevention

The iClearXL is an effective treatment for Androgenetic Alopecia in AGA I, II and I,IIa. The additional near infrared light stimulates an increase in micro-circulation of blood supplies in the scalp, leading to the cessation of hair loss and the stimulation of hair regrowth. The light reduces dormant hair follicles to an Anagen growth phase and excites generation of vital and robust hair follicles.

Acne

The narrow band blue light emitted by the iClearXL is the most effective light for photodestruction of p. acne bacteria. The bacteria absorbs the blue light, resulting in selective clearance of the acne lesion, with no effect on surrounding healthy skin.

The additional near infrared light stimulates an increase in micro-circulation of blood supplies in the treated area, resulting in faster acne clearance. The compact and mobile iClearXL can easily be setup to work by any bed or seat. The user friendly “hands free” system saves you time and allows you to treat several patients simultaneously.

The iClearXL is positioned in proximity to the patient’s face or back, for maximum irradiation and minimal dispersion of the light energy treatment is pleasant and painless and requires only short, fifteen minutes of irradiation. A typical full treatment regimen is composed of 8 treatments administered twice a week, with significant improvement usually occurring after the fourth treatment. For treatments of higher grade or resistant acne, combination with PDT, using photodisinfectors (ALA or Metvix), is recommended.

Selective clearance of acne lesions

Cessation of scalp blood circulation

Enhancement of hair re-growth

Enhancement of hair re-growth

Enhancement of hair regrowth

Enhancement of hair regrowth

Enhancement of hair regrowth

Enhancement of hair regrowth