



LHE™ CLINICAL CASEBOOK

Acne Clearance

Radiancy
Lighting the Future of Skin Care

The Acne Problem

Acne is a disorder of the skin's sebaceous glands that results in plugged pores and outbreaks of lesions. One of the most common skin diseases, over 80% of the population aged 14-30 will suffer from it regardless of gender, geography or skin type, and 25% of these will have permanent scars. Though commonly considered as a teenager problem and usually beginning in adolescence, 20% of all adults suffer from varying degrees of active acne. For some, it is simply annoying. For many others however, acne is a significant problem that has a high impact on their lifestyle and quality of life.

"There is no single disease which causes more psychic trauma, more maladjustment between parents and children, more general insecurity and feelings of inferiority and greater sums of psychic suffering than does acne vulgaris." --Sulzberger & Zaldems

Limitations of Current Medication Treatments

Each year, approximately \$5 billion is spent on acne treatment, most of it on medication. However many of these acne medications, ranging from over-the-counter (OTC) to prescription, are expensive and may cause significant side effects. They require several months of continuous treatment, and many patients do not respond to them or witness only limited effects.





LHE™ – Breaking the Barriers in Acne Clearance

All Gain Without the Pain

Now, fighting acne is no longer a losing battle. XtremeClear – a new generation of acne treatment systems using the unique LHE (Light and Heat Energy) technology effectively clear inflammatory acne lesions in just 1/3 the time it takes for standard topical and oral treatments to do the same. A series of 8 treatments over a 4 week period is all it takes to get back on the road to dramatically clearer, smoother, acne-free skin. Each treatment is simple and takes just 10 minutes. And there are no adverse side effects, discomfort, patient downtime or exposure to antibiotics.

LHE Acne Clearance is Nothing but Benefits:

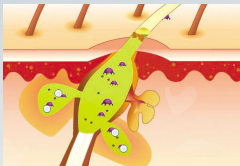
- Safe and reliable – Safe acne clearance with no pain or downtime.
- Visible – Results are visible shortly after starting treatment, with clearance reaching up to 90% on average.
- Quick treatment time – Just 10 minutes for a full facial treatment.
- Faster than any other treatment – Total treatment time is 1/3 the time of common medication therapy

**NO WONDER LHE IS USED BY MORE THAN
50% OF ALL PRACTITIONERS THAT ADMINISTER
LIGHT-BASED ACNE TREATMENT**

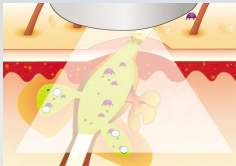


How LHE Acne Clearance Works

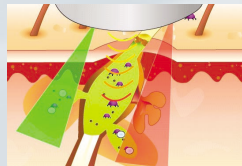
LHE works on the principle of selective photothermolysis but uniquely utilizes both Light and Heat Energy to achieve maximum efficiency.



Hyperkeratinization that follows hormonal changes increases the sebum production, resulting in a blocked pore.



The Anaerobic situation creates the perfect environment for the P. Acnes bacterium to reproduce colonies and release porphyrin.



Optimal light wavelength especially green and red penetrates into the follicle to target the P. Acnes by triggering porphyrin activation.

Don't just live with your acne . . . Face it

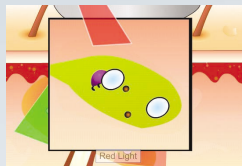
LHE delivers clear skin . . . Fast & Safe



Light Heat Energy



The **Green Light** causes the porphyrin molecules to release oxygen radicals. The oxygen radical attacks the acne bacteria and destroys it.



The **Red Light** produces anti-inflammatory results.



The **Heat** opens the pores and speeds up the chemical reaction.

LHE

3 months after final LHE treatment



BEFORE



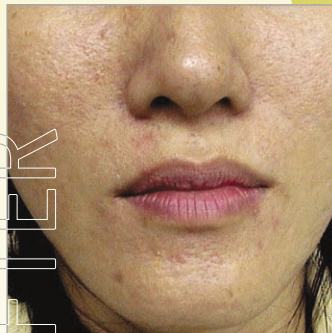
AFTER

Courtesy of Dr. Matsakura, M.D.

Following 2 months of LHE treatments



BEFORE



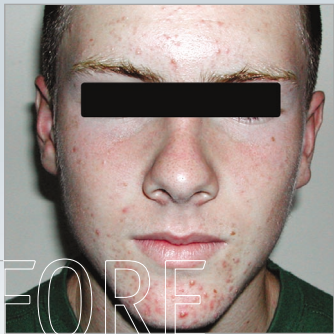
AFTER

Courtesy of Chulindr Dhanavoravibul, M.D.



Light Heat Energy

Following 2 weeks of LHE treatments



BEFORE



AFTER

Courtesy of Monica Elman, M.D.

Following 4 weeks of LHE treatments



BEFORE



AFTER

Courtesy of Alex Levenberg, M.D.



Light Heat Energy

Following 4 months of LHE treatments



BEFORE



AFTER

Following 4 weeks of LHE treatments



BEFORE



AFTER

Courtesy of Alex Levenberg, M.D.



Light Heat Energy

Following 4 weeks of LHE treatments



Following 2 weeks of LHE treatments



BEFORE



AFTER

Courtesy of Helena Regina de Brito Lima, M.D.



Light Heat Energy

Following 1 week of LHE treatments



BEFORE



AFTER

Following 4 weeks of LHE treatments



BEFORE



AFTER

Courtesy of Alex Levenberg, M.D.



Light Heat Energy

About Radiancy

Founded in 1998, with corporate headquarters in Orangeburg, New York, Radiancy is dedicated to the development of unique medical and aesthetic products that employ its proprietary LHE technology, enabling Light and Heat to work together effectively and efficiently. Using LHE, Radiancy's solutions are more efficient, safer and more cost effective. The effective combination of light and heat results in better harnessing of energy, and since we use all the energy emitted from our light source unlike others who filter the heat, we eliminate the need for large power supplies and subsequent cooling systems that create bulky machines. That means smaller devices that weigh and cost much less, but still pack the necessary punch to get the job done.

Radiancy's innovation and business leadership are fortified by the thousands of customers that have made our SpaTouch® PhotoEpilation System and ClearTouch™ Acne Clearance System the undisputed market leaders in their fields, with more systems sold in 2001 than any other solution. More than one third of the practitioners who purchase a hair removal system choose SpaTouch and over 50% of light-based acne treatments are carried out using the ClearTouch and XtremeClear™. With corporate offices across the globe and sales in more than 40 countries, Radiancy is a true global leader.

Our latest offering, the SkinStation™ PhotoRejuvenation System, was designed to address the need for a multi-application system that enables practitioners to offer a range of treatments to increase and satisfy their customer base. With built in hair removal and acne clearance capabilities in a portable, easy to use unit, SkinStation is set to follow in the footsteps of our previous market bestsellers.

Visit the RADIANCY website at: www.radiancy.com



EN-46002

Radiancy meets the demanding standards and requirements for ISO 9001 Certification.
This certification is your assurance of our commitment to the delivery of high-quality products and services, and to continuous improvement.

RADIANCY INC.

40 Ramland Road South, Suite 10 Orangeburg, New York 10962, USA
Tel: +1 845 398-1647 Fax: +1 845 398-1648 Toll Free: 1 888 661 2220

RADIANCY LTD. ■ RADIANCY ASIA ■ RADIANCY LHE CANADA Inc. ■ RADIANCY LHE PHILIPPINES ■ RADIANCY De MEXICO ■ RADIANCY Do BRASIL

©2002 Radiancy Inc. SkinStation, SpaTouch, ClearTouch, SpaTouch PhotoEpilation System and LHE are trademarks of Radiancy Inc.