

The Technology: NannoLight™ Intense Pulsed Light

Permanent Hair Reduction

How Does NannoLight™ Remove Hair?

The NannoLight is an intense pulsed light (IPL) system that uses light to target certain chromophores in hair while leaving the surrounding skin unharmed. Using this cutting-edge technology, NannoLight is able to safely, effectively, and permanently reduce hair growth with little to no downtime. Our clients often return to work immediately following treatment!

How Does NannoLight™ Intense Pulsed Light Perform Permanent Hair Reduction?

NannoLight is capable of treating wide varieties of skin concerns for a variety of skin types. For hair removal, light from the pre-selected spectral bandwidth is absorbed by the brown and black melanin pigment in the hair follicle and converted to heat. The heat permanently disables the hair follicle (and prevents further regrowth) by coagulating the bulge and bulb of the follicle.



NannoLight™
Sub-Zero Multi-PIP Intense Pulsed Light

Ask one of our staff members for more information on NannoLight treatments!

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NannoLight™ Provides Permanent Hair Reduction

Almost everyone struggles with the frustration and aggravation of unwanted body and facial hair. Many of us have tried shaving, tweezing, waxing, and depilatories. Others have resorted to tedious and painful electrolysis treatments. If you have been looking for a comfortable, safe, and effective way to permanently remove unwanted hair, you're in luck! Modern technology and extensive research have finally given us the answer.

Benefits of NannoLight™:

Greater Speed

NannoLight is faster than most lasers and other IPL systems, making treatments fast and efficient.

Improved Comfort

NannoLight's chilled sapphire tip provides skin cooling to keep the skin cool while heating up the hair follicles to accomplish the desired result.

Safety and Efficacy

NannoLight's greater versatility and contact cooling allow greater safety, fewer side effects, and higher efficacy than other systems on the market.



The Method

What can I expect from my NannoLight™ treatment program?

Pre-Treatment Program:

At your first visit, you will probably be asked to fill out a medical history, and your treatment provider will discuss with you a treatment schedule and the results you can expect from your NannoLight treatments. You will also have a "spot test" done to determine the most effective power level for your skin type and condition.

NannoLight™ Permanent Hair Reduction Protocols and Treatment Parameters:

The key to safe and effective IPL hair removal is careful selection of the proper wavelength spectra, pulse width and energy density ("fluence") which vary considerably based on skin tone, hair color and hair thickness. NannoLight provides greater flexibility than lasers in allowing the selection of different filters and treatment parameters to provide the best results safely and comfortably.



Before NannoLight

After NannoLight

Frequently asked questions about NannoLight™ and Permanent Hair Reduction:

Q: Will the NannoLight™ procedure be uncomfortable?

A: Most patients find the process surprisingly comfortable. Hair removal treatments are so quick and easy, the comfort factor is generally not an issue with most patients. The comfort level of the treatments varies from person to person based on a number of factors and also varies due to location on the body and face. For more sensitive individuals and areas, a 4% topical anesthetic gel can be applied one hour before treatment.

Q: What is involved in the NannoLight™ procedure?

A: A gentle flash of intense light is quickly pulsed over the treatment area every three seconds until the area has received an adequate "dose" of light energy. Provided the hair contains a sufficient deposit of brown or black melanin pigment, the treatment will generally stop further hair growth for several weeks or months and permanently disable a certain percentage of the hair follicles in the area.

Q: How many NannoLight™ treatments will I need?

A: Since each treatment typically disables about 20% of the hair follicles, most "good candidates" (individuals with dark hair and fair skin) require a minimum of five treatments for sufficient long-term results. Due to individual characteristics, it is impossible to predict how many treatments you will need to be satisfied.

Q: Can NannoLight™ treatments be done on any part of the body?

A: The only area that is typically not treated is the area underneath the eyebrows, which is determined to be too close to the eyes for safety.

Q: Will all of my hair be removed?

A: Less hair (typically about 20% less) typically grows back after each treatment, and the hair tends to be finer and lighter in color also. Many individuals experience permanent reduction from 70% to 80% and even higher after from five to ten treatments. Most patients are left with a certain percentage (perhaps 10% to 20% of the original amount) of remaining hairs in the treatment area, which are either too fine or too light in color for the NannoLight to disable.