

What is ClearScience™?

ClearScience™ is a customized acne-treatment program available exclusively at Reveal MedSpa™. Acne is caused by a combination of factors that vary not only by individual but often by occurrence. That's why the ClearScience™ program is created specifically for each individual's unique skincare needs and addresses mild, moderate and severe acne.

Because acne is so individualized, ClearScience™ programs may include a combination of exfoliating treatments (such as MicrodermUltra™ and/or Reveal™ Peel) and/or Isolaz™ Deep Pore Laser Therapy, the only light-based pore-purification therapy approved by the FDA for treating acne. The program also includes an at-home regimen designed to complement and enhance the medical services on a daily basis.

What causes acne?

Acne is often triggered by heredity, hormones, stress, environmental contaminants, allergies, and even diet (especially high glycemic-index foods). All of these factors cause an inflammatory response in the body which can lead to breakouts. The following four factors are responsible for causing the actual acne in the form of whiteheads, blackheads, papules, pustules, cysts and nodules:

- Overactive oil glands
- Blockage of the skin pores
- Activity of normal P. Acnes skin bacteria
- Inflammation

How does acne form?

All acne begins with one basic lesion: the comedone. Invisible to the naked eye, the comedone lurks beneath the surface of your skin waiting for the right conditions to grow - a hair follicle that becomes plugged with a build up of dead skin. Sebaceous glands, which produce the oils that help keep our skin moist, lubricated and protected, are attached to the hair follicle and rely on its channel to the surface to expel those oils. The sebaceous gland doesn't change its oil production once the channel becomes clogged, so oil builds up underneath the skin inside this channel. The P. Acnes bacteria, that lives on everyone's skin, now has a great environment in which to grow and proliferate. As more bacteria flourish, they release toxins which begin to cause inflammation. Your body tries to fight this inflammation with white blood cells, which result in the production of pus. Not every acne lesion will reach this point, but this describes the potential stages that may evolve.

How common is acne?

Approximately 17 million people suffer from acne (or 1 in 16), making it the most common skin condition. Ninety percent of teens are affected by acne, as are 50% of adult women and 25% of adult men (ages 25-44).

How is ClearScience™ different from other acne-treatment methods?

Though all pimples start the same way, they can take many forms and may react differently for different people. Most acne treatment methods assume that all acne is the same, so that someone with small, random, irregular outbreaks is treated with the same methods as a person with ongoing, cystic, painful acne. And the majority of these methods involve the use of topical at-home treatments but don't address the importance of deeper exfoliation and pore purification. ClearScience™ programs are created to address your specific needs and, during treatment, your progress is tracked and modified to ensure that you benefit from the best results possible. ClearScience™ is a results-driven program that combines the latest medical technologies and advances with the most effective physician and pharmaceutical-grade topical formulations.

What are the benefits of the ClearScience™ program?

The ClearScience™ program can clear and heal inflamed and painful areas, help prevent possible scarring, limit the formation of new blackheads and whiteheads and lessen the stress and embarrassment often associated with acne.

What is light-based pore purification?

Light-based pore purification is a process where pores are cleared and tightened by the combination of gentle suction and light therapy. Skin looks and feels cleaner, tighter, and refreshed. The ClearScience™ program employs Isolaz™ Deep Pore Laser Therapy, the only FDA- approved system for the treatment of pustular and comedonal acne, as well as mild to moderate acne.

How does Isolaz™ Deep Pore Laser Therapy work?

An intense, yet gentle, light therapy kills bacteria and vacuums dirt and oil-clogged pores. First, the light system uses a soothing vacuum to suction dirt, oil and P. Acnes bacteria out of the pores. This allows the antibacterial light, the second step, to penetrate deep into the follicles to kill any remaining bacteria. This helps to speed healing time. Once the follicle is clear of debris, oxygen can better reach the bottom of the follicle. As the P. Acnes bacteria is anaerobic (it cannot live in the presence of oxygen), this improved delivery of oxygen to deeper levels of the follicular structure helps to ward off future breakouts.

Is it painful?

Light-based pore purification is very comfortable. You will feel a gentle and warm sensation as your skin is drawn into the treatment tip. A warm flash of light energy will be applied to the treatment area, immediately after which you will feel your skin being gently released back into normal position.

How many treatments will I need?

The number of treatments varies by the severity of the acne, but most patients need 4 to 8 Isolaz™ treatments at 2 to 3 week intervals and 6 Reveal™ Peels or MicrodermUltra™ treatments at 2 to 4 week intervals.

When will I see results?

As with any treatment program, it could take 4 to 6 weeks to begin to see results. However, depending on the combination of therapies in your ClearScience™ program and your unique physiology, you may see an initial improvement in skin texture and discoloration following your first Reveal™ Peel or MicrodermUltra™ treatment. Following Isolaz™ Deep Pore Laser Therapy, you should see the redness and size of the lesions begin to subside the next day and continue to heal at a faster rate than normal. The success of your program will also be greatly influenced by your ability to follow the ClearScience™ home-care regimen, as well as your ability to make lifestyle modifications to help curb stress and inflammation.

