

The Evolution of Light

The Viora Axiom refines intense pulsed light for safer usage and better results.

IPL treatments are a great alternative for patients who want results without downtime. However, traditional IPL systems can have limited success, especially for those with dark skin.

Viora of Jersey City, N.J., offers a solution. The Axiom IPL uses thermal light channeling technology, a combination of thermal and optical energy that's safe for all skin types.

The Axiom also features four interchangeable lamps for hair removal, skin rejuvenation, hyperpigmentation, acne and vascular lesions.

HEALTHY AGING: How do the Axiom's features compare to IPLs in the past?

DR. SCHULMAN: The Axiom has the option to divide its energy into multiple pulses. Instead of one big burst, the energy can be divided into two or three bursts with less energy each pass, but with the same total energy delivered. This reduces the potential for burning or pigmentary changes in people with darker skin types.

DR. SKOLNIK: The Axiom's 50 by 25 mm spot size is the largest of any IPL on the market, so it can treat all skin types very rapidly.

DR. SHAPIRO: It is faster and has a larger spot size, so treatments are more efficient than previous IPLs. I also can adjust the pulse duration to match the thermal relaxation time of the target, which leads to better results.

HEALTHY AGING: Why doesn't the Axiom require cooling gel?

DR. SCHULMAN: Unlike traditional IPL systems, the Axiom contains a small space between the skin and the filter lamp to prevent burning. Because there is never contact between the skin and the hot lamp, there is no need for cooling gel, which is great because it saves additional time in cleanup.

DR. SKOLNIK: The Axiom handpiece has a fan to circulate the air between the skin and the lens as added protection.

DR. SHAPIRO: The heat generated by the handpiece elevates the target structure to achieve coagulation necrosis. The heat is part of the desired effect, eliminating the need to cool to avoid undesired side effects.

HEALTHY AGING: Do you find the Axiom's menu system helpful?

DR. SHAPIRO: The Axiom contains a Windows-based computer software program, so I can easily make adjustments in energy, pulse duration and pulse intervals by touching the screen.

DR. SCHULMAN: The system is operated with a touch screen, so it's easy to make adjustments. Some other machines need to be recalibrated, but the Axiom does it instantly. This makes it faster and safer for the patient because you can make individual adjustments during treatment without having to stop and reset the system.

DR. SKOLNIK: The Axiom's menu-driven system is user-friendly and makes life easy for the operator. It's an easy walk-you-through-it system that can be adjusted as you go.

HEALTHY AGING: Do you find the Axiom's small size and single handpiece with interchangeable lamps convenient?

DR. SCHULMAN: The advantage of having an IPL is that you can treat multiple conditions with the same machine, as opposed to having four different machines. Having easily interchangeable lamps makes it easy to treat multiple problems on the same client. The small countertop device won't clutter up a room or stick out like other systems.

DR. SKOLNIK: A mobile, self-contained unit with one handpiece works well in an office or spa, especially if you don't have a dedicated laser treatment room.

DR. SHAPIRO: We like the compact system because we can place it on a self-contained cart so that all of our providers can use it.

HEALTHY AGING: Do your patients find the treatments comfortable?

DR. SKOLNIK: All IPL systems are uncomfortable, but the large spot size of the Axiom requires fewer flashes, which translates into less pain.

DR. SHAPIRO: Patients generally describe treatments as startling, similar to a camera flash.

DR. SCHULMAN: Everyone has a different threshold for pain. For the most part, it is well tolerated. There is some discomfort associated with it because patients do feel the heat. But the treatment time is quicker with this system because the spot size is so large. Thus, people are in discomfort for about half the time as other IPL systems. ■

ABOUT THE PHYSICIANS



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