

Shark™ CryoGlow™ LED Mask with Under-Eye Cooling

119-Participant Independent Clinical Study Demonstrates Progressive Visible Skin Improvements At 4, 8 and 12 Weeks.

Shark™ CryoGlow™ was engineered to bring advanced LED therapy into a precisely calibrated at-home treatment system that addresses real consumer problems – fine lines, wrinkles, uneven tone and blemish-prone skin. Developed through thoughtful design, rigorous clinical evaluation, and extensive consumer testing, CryoGlow™ embodies the fusion of scientific efficacy and user-centered innovation.

Danielle Lessing, SVP of Global Product Development at Shark Beauty, explains:

“CryoGlow was developed to make a science-backed LED routine simple and accessible at home, combining our iQLED™ technology with a full-face design and a built-in soothing under-eye experience. Our goal was to create a device that fits into daily life — one that feels good to use, and that is supported by visible results over time.”

In a 12-week clinical study, Shark™ CryoGlow™ demonstrated progressive significant improvement in the appearance of fine lines, radiance, smoothness, firmness, clarity, and the appearance of blemishes. These improvements were measured by expert dermatological evaluators and participant self-assessment at Week 4, Week 8, and Week 12, showing continued benefit with consistent daily use.

Shark™ CryoGlow™ delivers its treatment through pre-programmed light routines designed to be easy to follow at home, making expert level LED care part of a simple daily ritual.

In the following sections, we outline how the study was conducted and the results.

What Is LED Light Therapy?

LED (Light Emitting Diode) light therapy uses specific wavelengths of light to help improve the appearance of the skin. When light is emitted from the mask it travels in photons which carry energy. Due to their wavelength, red light photons are absorbed in the dermis layer of the skin helping to produce more collagen in the dermis. More collagen will help improve skin's elasticity making it appear more plump and firm, reducing appearance of fine lines.

In Shark™ CryoGlow™'s study, two programmed modes were evaluated:

- “Red Mode” / “Better Aging”: red + infrared light, 6 minutes
- “Blue Mode” / “Blemish Repair”: blue, red, + infrared, 8 minutes

Each mode was tested independently using:

- Expert dermatological grading
- Instrumental testing
- Participant dermatological grading self-assessment and questionnaire
- Standardized before and after photography

The Shark™ CryoGlow™ Difference

Shark™ CryoGlow™ was developed with a focus on precision exposure, smart design, everyday comfort, and clinically tested visible results.

- **Precision Light Mapping:** Designed to deliver even light distribution across the face by working with optical design experts and subject matter experts that understand the physics of light to optimize the dose of light for the consumer. Shark™ CryoGlow™’s LED layout was engineered to help provide consistent light exposure across curved facial contours such as the cheeks, jawline, and nose bridge. This supported visible improvements across multiple facial areas in the 4-week study, with both expert graders and participants noting improvements in radiance, clarity, and smoothness.
- **Targeted Light Programs:** Three routines optimized for different visible skin concerns, all controlled easily via the remote.
- **InstaChill™ Under-Eye Pads:** Integrated InstaChill™ cooling pads designed to soothe the under-eye area, user assessments reported immediate refreshing effects.
- **Dermatologist Oversight:** Evaluation conducted under the direction of a board-certified dermatologist to verify visible efficacy and tolerability.

CLINICAL STUDY OVERVIEW

- **Study Type:** Independent 12-week clinical evaluation
- **Location:** United States
- **Lead Investigator:** Dr. Zoe Diana Draelos, MD
- **Participants:** 119 total
 - 59 in Red Mode / Better Aging group
 - 60 in Blue Mode / Blemish Repair group
- **Time Frame:**
 - Better Aging / Skin Clearing → measured at Week 4, Week 8, Week 12
 - Skin Sustain → measured at Week 16 with 60 of the 119 participants
- **Usage:** Once daily using the pre-programmed 6 or 8 minute routines
- **Assessments:** Expert clinical grading + participant self-assessment on validated 5-point scales
- **Photography:** Standardized before-and-after images under controlled lighting

Why Was This Study Conducted?

This study was conducted to demonstrate how CryoGlow’s LED-based routines support visible improvements in skin appearance with consistent daily use over 12 weeks. The clinical evaluation was designed to document how skin appearance changed at Week 4, Week 8, and Week 12, and whether visible improvements were maintained through Week 16 using the Skin Sustain mode.

Who Were the Participants?

119 adult participants took part in the evaluation. Individuals were directed to use either the Better Aging or Skin Clearing mode based on their primary skin concerns. All participants were screened and deemed suitable for daily at-home device use under study guidance and contraindications of the device.

WHAT DID THE STUDY FIND?:

“Better Aging” Mode (n=59)

After 8 weeks of once-daily use:

- Clinically tested, visible improvement in:
 - Fine lines
 - Firmness
 - Radiance
 - Smoothness
 - Redness Reduction



“Skin Clearing” Mode (n=60)

After 4 weeks of once-daily use:

- Visible improvement in:
 - Acne
 - Skin Roughness
 - Overall skin texture
 - Appearance of pores
 - Evenness and clarity



“Skin Sustain” Mode

After the improvement phase, participants transitioned to Skin Sustain Mode as a maintenance routine, evaluated at Week 16.

Visible results achieved by Week 12 were maintained through Week 16 when Skin Sustain mode was used as the ongoing routine.

Summary:

- Shark Beauty worked with scientists, dermatologists, estheticians and engineers to develop Shark™ CryoGlow™. Doing clinical trials to establish its treatments were crucial to validating the development process
- In total, Cryoglow™ has 480 light sources, or 160 tri-wick LEDs which emit Red, Blue and Infrared light. In 'Better Aging', 'Skin Clearing' and 'Skin Sustain' modes, all 160 tri-wicks are activated, giving even coverage across the face
- Better Aging mode demonstrated progressive visible improvement in fine lines, wrinkles, radiance, firmness, smoothness, and overall visible skin quality.
- Skin Clearing mode demonstrated progressive visible improvement in the appearance of blemishes, clarity, texture, and pores.
- Skin Sustain Mode at Week 16 demonstrated that results achieved were maintained with continued daily use.