

Q & A

The laser solution for skin damage

Are you a candidate for facial rejuvenation? The answer is "Yes" if your skin shows evidence of chronic exposure to the sun's ultraviolet light.

Physicians call this condition "photodamage," and the most obvious signs are coarsening of skin texture, wrinkling, irregular pigmentation, and enlarged blood vessels and pores.

Skin rejuvenation is the visible improvement of sun damaged skin through the use of pulse dye laser technology to remove enlarged blood vessels and irregular pigmentation, and stimulate the underlying collagen.

Cynosure is a leading developer and manufacturer of pulse dye lasers for facial rejuvenation. The speed, power, and gentleness of our lasers have resulted in acceptance in the practices of physicians around the world.

Before you decide on facial rejuvenation, here are some things you should know about the Cynosure pulse dye laser.

How do I know if I have photodamaged skin?

If you are over 30 years old and enjoy an active lifestyle your skin is probably showing signs of damage.

How does pulse dye laser treatment reduce the signs of photodamage?

Lasers work by focusing a beam of light to a target in the skin such as enlarged blood vessels and irregular pigmentation. The enlarged

vessels and irregularities are removed without scarring or damage to the treated or surrounding area and the underlying collagen is stimulated.

Do lasers work on all skin types?

Today's advanced lasers are capable of treating a wide variety of skin types.

Which other conditions are treatable by lasers?

Elimination of red and brown blemishes, reduction of minor wrinkles, reduction in pore size, and a general tightening of your skin's collagen.

How many treatments are required?

Typically several treatments are required for full-face treatment. The average treatment takes about 20 minutes. Results may become apparent after the first few treatments.

Is the treatment painful?

There is some minor discomfort associated with the treatment. In most cases no anesthesia is necessary. Such discomfort can be alleviated by cooling with a cold air system.

How does pulse dye laser treatment differ from CO2 lasers, chemical peels, and dermabrasion?

Unlike CO2 lasers, dermabrasion or chemical peels that remove the outer skin and require significant healing time, the pulse dye laser gently penetrates the skin without damaging it and destroys the blood vessels and brown pigment that are the cause of the problem. It also tightens the collagen and minimizes large pores.

How does pulse dye laser treatment differ from treatment with other photo rejuvenation lasers? Is it safe?

Side effects are minimal. Pulse dye lasers have been used since 1983 to treat port wine birthmarks and hemangiomas in infants as young as two days old as well as 20 different cosmetic conditions.

What will I look like after surgery?

Results will vary but you should expect your skin to appear reddened. You can expect to return to your normal activities immediately with minimal precautions such as sunscreen.

Where can I find a physician?

First, ask your own physician about treatment. If he/she does not offer laser treatment but considers you a candidate, contact Cynosure, Inc. at (800) 886-2966 for a list of physicians in your area.

