Use of Lasers and Light Based Devices
In Aesthetic Medicine

9 AMA PRA Category 1 Credits™
10.8 Nursing CNE Contact Hours

Cosmetic Laser Therapy is one of the fastest growing aesthetic treatments available. In a 2003 Galup market survey of aesthetically oriented consumers, 50% stated they would like to change the texture of their skin. The appeal, of today’s laser treatments, lays in the safety, minimal invasiveness, and minimal downtime associated with treatment. Lasers are safely used for a wide variety of cosmetic uses. Today’s aesthetic practitioner has the ability to offer a wide variety of state of the art, laser technology capable of diminishing acne, removing skin pigmentation, eliminating unwanted veins, removing unwanted hair, and resurfacing the skin with minimal to no down time.

Objectives

Upon completion of this course the primary care provider will be able to:

- Discuss the indications, contraindications, properties, and safety issues of Lasers;
- Describe the use of laser technology in skin resurfacing, as well as hair and vein removal;
- Compare and contrast Intense Pulsed Light (IPL), Photodynamic Therapy, and Fractional Photothermolysis in aesthetic medicine;
- Demonstrate proficiency and ease with the use of the following lasers: Nd:Yag 1064 nm and 1319 nm, Erbium 2940nm laser, Intense Pulsed Light, Fractional Photothermolysis, and Photodynamic Therapy.

This course requires home study (utilizing a syllabus), lecture/discussion, demonstration of laser techniques, and a one-on-one preceptorship during which the participant practices the techniques and demonstrates proficiency to the preceptor.

Course Content

Introduction to Aesthetic Lasers

The objective of this course is to take the mystery out of aesthetic laser medicine. This course will review basic laser physics and acquaint the attendee with the concepts of selective photothermolysis and the various laser indications. Each wavelength will be reviewed for its indications and contraindications for cosmetic applications including facial rejuvenation and the removal of unwanted hair and veins. A critique of the available technology for the various wavelengths will be presented.

Laser Safety

The purpose of this course is to ensure the safe use of lasers by identifying hazards and understanding laser hazard classifications. Additionally, laser control measures and safety tips will be discussed.

Laser Resurfacing

Aesthetic enhancement necessarily involves skin rejuvenation. Although CO2 laser resurfacing provides excellent aesthetic results, it carries with it the unacceptable risk of hyper-pigmentation, hypo-pigmentation, and prolonged erythema. Computer scanned erbium resurfacing allows precise, controlled ablation without the pigmentaion risks or extensive down time.

Hair Removal and Vascular Lesions

Attendees will review the anatomy of hair and the phases of hair growth as they relate to successful permanent hair reduction. The indications, risks, and benefits for hair removal as well as the treatment parameters and patient education will be discussed. The attendees will also review the indications and contraindications for successful vascular laser treatment. The various laser modalities available for vascular treatment will be reviewed.

Cutting Edge Technology

Intense Pulsed Light /Photodynamic Therapy/Fractional Photothermolysis

Attendees will learn the differences between the three technologies and the indications and contraindications of each modality. New breakthroughs in the recently developed technologies will be discussed as well as the procedures and techniques for each therapy.

Aesthetic Laser Treatment Experience

Attendees will evaluate and treat patients with various laser modalities.

Cost

$2500 as a 1-Day Course
For course registration visit http://www.agelessaestheticinstitute.com/pdf/registration.pdf