

AVANT-GARDE LASER THERAPIST CERTIFICATION

ENROLLMENT: CONTINUOUS, ONLINE

LENGTH: 146 HOURS, SELF PACED

COST: \$ 2,599

CERTIFICATIONS : AVANTE-GARDE LASER THERAPIST



Course overview

The *Avant-garde* Laser Therapist course is the most complete laser and light-based training you will enjoy online and offline. It is a high-quality practical, scientifically-based course that takes you through a complete journey of learning and discovery.

This is a training program that takes you by the hand and helps you study and understand all aspects of laser and light therapy. It helps you make sense of your equipment, the treatment protocols, client interaction and results.

The Avant-garde Laser Therapist course *teaches you how to...*

- achieve consistent treatment results
- understand the light-tissue interaction enabling the treatment
- choose your treatment parameters
- improve your client relationships

On completion of this course you will know what other therapists don't know. Less than 2% of aesthetic and beauty therapists seeks advanced, in-depth science-based training once they completed their basic training. Completing the Avante-Garde Laser Therapist Course puts you light years ahead of 98% of the industry.

Course Outline

Laser Physics

- Introduction to laser
- Stimulated emission
- How laser light is generated
- Explanation of laser fundamentals
- Laser cavity
- How to apply the treatment parameters to your machine

Radiation-tissue Interaction

- Interaction of radiation with matter
- Laser Tissue Interaction

Laser Safety

- Laser Safety Overview
- ANSI Z136.1 and 136.3 standards
- Specular and diffuse reflection
- Laser safety video
- Biological Effects of Lasers on eyes
- Eye hazard
- Laser Safety Glasses
- Classification of lasers
- Understanding laser classifications

Legal Issues

- Safety checklist
- Examples of consent forms
- Laser hair removal over a tattoo

Photobiomodulation (Low Level Laser Therapy)

- Indications and Contraindications for Photobiomodulation
- What is low level laser?
- Client's response
- Hair growth
- LLLT in sports injuries
- Weight loss
- Anti-smoking
- Carpal tunnel syndrome
- What is LED therapy?
- Review of LED
- Acne treatment
- Face wrinkles
- Body Sculpting Options

Class IV lasers and IPL's

- Skin cooling techniques and its impact on laser applications in dermatology
- Laser hair removal, an overview
- IPL face treatment
- IPL Skin rejuvenation
- IPL hair removal
- Laser hair removal
- Laser skin peel
- Laser acne scar removal
- Dental laser
- Skin rejuvenation
- How laser tattoo removal works
- How laser tattoo removal works 2
- Wavelengths and colour targets for tattoo removal
- Tattoo overview
- Sessions for Laser Tattoo Removal
- How to failure diagnose when you're not getting the results you've expected

Skin Biology

- The skin
- How to clean the skin
- Fitzpatrick skin types
- Understanding Fitzpatrick Types
- Veins explained
- Varicose veins
- Endovenous laser ablation
- Spider veins removal
- Melanoma
- Laser pigmentation removal
- Skin, light and beauty

Hair Biology

- Hair biology explained
- Hair growth crash course
- Hair growth cycle
- The hair follicle

Light Therapy in Practice

- Laser hair removal review
- Laser tattoo removal review
- Client consultation
- Does your laser work as it should?
- Hair removal: Static pulsing / stepping technique
- Hair removal: Pain-free hair removal, or gliding technique
- Demonstration of both the gliding and stepping methods
- Marketing Techniques for Aesthetics Practitioners

Ablative Lasers

- Ablative laser after face lift
- Er:YAG vs. CO2
- Fractional CO2 facial rejuvenation
- Er:YAG peel
- Stretch mark removal