

OCT 2018

Professional Medical Education Assn., Inc.
The Laser Training Institute
not-for-profit continuing education, est. 1978



Medical & Aesthetic Laser Training

www.LaserTraining.org

800-342-2704

Computer *B*ased *L*earning Programs

Online / Home-Study

*For Surgeons and Medical Doctors, Nurses, Technicians,
Therapists, Aestheticians, Physician Assistants, Staff Safety
Training, Administrators, Business Owners
and Laser Repair Technicians.*



*Please feel free to distribute and pass around this PDF Catalogue.
It contains active hyperlinks to Free Laser Resources, Course info and even
introductory Videos and PowerPoints.*

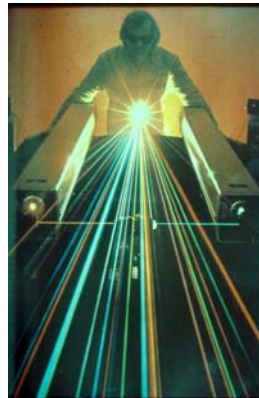
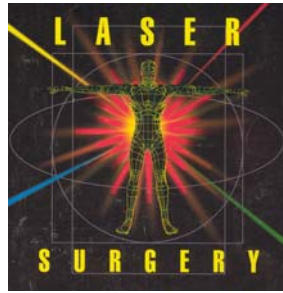
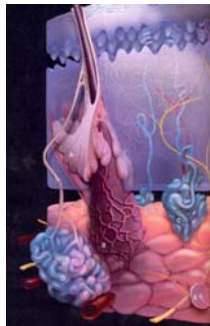


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Aesthetic Laser & Light Based Procedures

The “Boot Camp” of Laser Training

These are all non-medical, simple cosmetic procedures performed with lasers or light based devices such as IPL or LED banks. This program is the way to get started in this field and see how the various laser modalities are used in the various applications and important considerations to avoid patient injuries. You'll learn about the types of devices and be better prepared to knowledgeably discuss equipment with manufacturers before you commit to expensive purchases. You'll learn the types of devices and the basic way they're used, important energy and dosimetry concepts, and both treatment safety and general laser safety.



THIS INCLUDES THE LASER HAIR REMOVAL & TATTOO REMOVAL MODULES

Nurses, Aestheticians, Technicians and Physicians

Although this program is a great way to start for those individuals working outside of a medical practice, for those nonphysicians working WITHIN a medical practices it's absolutely the way to go. You'll get all of your academic training here and then have the benefit of medical staff or more senior technicians in your office to complete the hands-on training.

The first part of this course INCLUDES the Laser Hair Removal course, but then continues on with expanded content in other areas. The course modules include the following topics:

1. SKIN & HAIR BIOLOGY—As it relates to laser & light based treatments
2. FUNDAMENTALS OF LASER & IPL USE AND ENERGY CONCEPTS
3. TISSUE OPTICS AND LASER EFFECTS
4. LASER HAZARDS & SAFETY
5. LASER & IPL HAIR REMOVAL
6. LIGHT BASED NON-ABLATIVE SKIN REJUVENATION
7. BENIGN PIGMENTED LESIONS
8. LASER TATTOO REMOVAL
9. TREATMENT OF RED VASCULAR LESIONS & AREAS
10. ABLATIVE SKIN RESURFACING INCLUDING FRACTIONAL
(For non physicians this is included for information purposes only)
11. FRACTIONAL SKIN RESURFACING
12. SUSPICIOUS SKIN LESIONS — For Non-Medical Personnel

*Note—various states have differing requirements for licensure of non physicians to perform these procedures, and some have none at all. It is up to the student to determine those requirements and the suitability of this course prior to purchase.



If you're viewing this on your computer and online, just click these Links:

- [FREE PREVIEW OF THE COURSE](#)
- [ARTICLE on Training, Certifications and Licensing Issues](#)
- [CERTIFICATION HANDBOOK](#)
- [ONLINE REGISTRATION](#)



Price: \$695 for one person.

\$995 for two persons—PLUS allows you to add up to 5 additional people at only \$125 each! This is a great way to provide quality training at economical prices to your entire staff!

Aesthetic Laser & Light Based Procedures

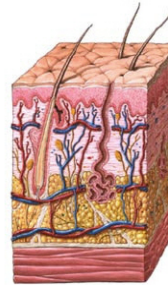
The Course includes online access to the narrated and illustrated lectures (about, 20+ hrs) a 184+ page PDF course manual (20+ hrs) a PDF copy of all the slides, and a Certificate of Laser Training. Online quizzes are at the end of most modules which you must pass with a 70% or greater score. If for some reason you don't pass a module we'll reset you for that at no charge. You'll listen to the online lectures but must also study each chapter of the book. It includes forms and checklists that are valuable in establishing this type of practice.

Approved for 41.2 Nursing CEU's and Qualifies for Category II CME.

LASER & LIGHT BASED HAIR REMOVAL

IF YOU WANT JUST LASER & IPL HAIR REMOVAL, THIS IS THE PROGRAM.

Learn how to safely perform laser hair removal, and how to select your clients and types of lasers based on their skin types and hair color. This is a nonmedical procedure that is easily learned. Make sure that you take a course like this BEFORE you invest in equipment.

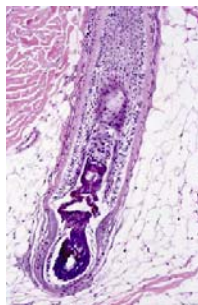


This course is actually the first 5 modules of the Aesthetic Laser Procedures Course.

This program is actually the first 5 modules of the more comprehensive Aesthetic Laser & Light Based Procedures course, and applies to the same types of individuals taking the course. If you buy that Aesthetics course then you already have this one. If you're just interested in hair removal then this program is more cost effective than the entire aesthetic laser procedures course. It consists of these modules:

1. SKIN & HAIR BIOLOGY—As it relates to laser & light based treatments
2. FUNDAMENTALS OF LASER & IPL USE AND ENERGY CONCEPTS
3. TISSUE OPTICS AND LASER EFFECTS
4. LASER HAZARDS & SAFETY
5. LASER & IPL HAIR REMOVAL

*Note—various states have differing requirements for licensure of non physicians to perform these procedures, and some have none at all. It is up to the student to determine those requirements and the suitability of this course prior to purchase.



The Objective in Laser or IPL hair removal, is to destroy the hair follicle by quickly heating only the hair bulb and bulge, without damaging the overlying epidermis and dermis. Skin pigmentation dictates which wavelengths of laser are "safe" so that melanin in the skin does not absorb the light and burn the skin.

**Online
Links**

If you're viewing this on your computer and online, just click these Links:

- [FREE PREVIEW OF THE COURSE](#)
- [ARTICLE on Training, Certifications and Licensing Issues](#)
- [CERTIFICATION HANDBOOK](#)
- [ONLINE REGISTRATION](#)

DEPILACIÓN LÁSER - Disponible En Español!

Va a www.LaserTraining.org para detalles



Price: \$395 for ONE
\$595 for TWO persons—PLUS allows you to add up to 5 additional people at only \$125 each! This is a great way to provide quality training at economical prices to your entire staff!

Laser and Light Based Hair Removal

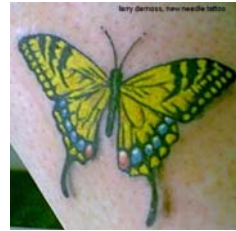
The Course includes online access to the narrated and illustrated lectures (about 8+ hrs), a PDF course manual (8+hrs), a PDF copy of all the slides, and a Certificate of Laser Training. Online quizzes are at the end of most modules which you must pass with a 70% or greater score. If for some reason you don't pass a module we'll reset you for that at no charge. You'll listen to the online lectures but must also study each chapter of the book. It includes forms and checklists that are valuable in establishing this type of practice.

Approved for 16.1 Nursing CEU's and Qualifies for Category II CME.

LASER TATTOO REMOVAL

IF YOU WANT JUST LASER TATTOO REMOVAL, THIS IS THE PROGRAM.

Learn how to safely perform laser tattoo removal, and how to select your clients and types of lasers based on their skin types and tattoo pigment color. This is a nonmedical procedure that is easily learned. Make sure that you take a course like this BEFORE you invest in equipment.



This course is actually included already in the Aesthetic Laser Procedures Course.

This program is actually the first 4 modules of the more comprehensive Aesthetic Laser & Light Based Procedures course, and the Tattoo module. If you buy that Aesthetics course then you already have this one. If you're just interested in laser tattoo removal then this program is more cost effective than the entire aesthetic laser procedures course.

It consists of these modules:

1. SKIN & HAIR BIOLOGY—As it relates to laser & light based treatments
2. FUNDAMENTALS OF LASER & IPL USE AND ENERGY CONCEPTS
3. TISSUE OPTICS AND LASER EFFECTS
4. LASER HAZARDS & SAFETY
5. LASER TATTOO REMOVAL

*Note—various states have differing requirements for licensure of non physicians to perform these procedures, and some have none at all. It is up to the student to determine those requirements and the suitability of this course prior to purchase.



The Objective in Laser Tattoo removal, is to fragment the ink particles in the skin so that your body's lymphatic system will clear it over time. It can take anywhere from 4-10 sessions on typical tattoos. The focus of this course is solely on Q-Switched nano-second or pico-second lasers for tattoo removal. We discourage other methods such as IPL Tattoo Removal and that is not taught here.



If you're viewing this on your computer and online, just click these Links:

- [ARTICLE on Training, Certifications and Licensing Issues](#)
- [CERTIFICATION HANDBOOK](#)
- [ONLINE REGISTRATION](#)

Other methods of Tattoo Removal include Surgical Excisions, Modified Chemical Peels, or even aggressive Dermabrasion. Q-Switched Lasers are absolutely the definitive way to remove unwanted Tattoos, and this is what is discussed in this course.



Price: \$395 for ONE
\$595 for TWO persons—PLUS allows you to add up to 5 additional people at only \$125 each! This is a great way to provide quality training at economical prices to your entire staff!

Laser Tattoo Removal

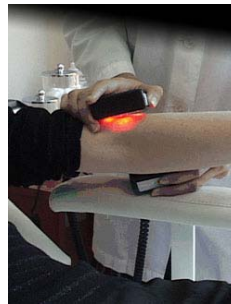
The Course includes online access to the narrated and illustrated lectures (about 8+ hrs), a pdf course manual (8+hrs) a pdf copy of all the slides, and a Certificate of Laser Training. Online quizzes are at the end of most modules which you must pass with a 70% or greater score. If for some reason you don't pass a module we'll reset you for that at no charge. You'll listen to the online lectures but must also study each chapter of the book. It includes forms and checklists that are valuable in establishing this type of practice.

Approved for 16.1 Nursing CEU's and Qualifies for Category II CME.

LOW LEVEL LASER THERAPY (LLLT)

Also known as PhotoBiomodulation, Laser Therapy or “Cold” Laser Therapy

This course is intended to familiarize one with the principles and mechanisms of LLLT. At the completion of the course you will be awarded a Certificate of Laser Training in Low Level Laser Therapy. This should be considered entry level training in this area, but allows you to get started safely and knowledgeably in this field. Importantly it will help clear up confusion regarding the commercial devices that may be available and make one a more informed buyer. Although basic cellular biology is discussed in this course, the basics are included only for reference and as background. This is a practical course, and is not an in-depth cellular biology course. **Some of the manufacturers will include this course with your purchase of their equipment.** Our nonprofit group has no financial ties to any of the companies in this field, and this course is not oriented toward any particular company's devices.



It consists of these modules:

1. **Introduction and Overview**
Purpose of this Fundamentals course, differentiation between photobio-modulation and laser acupuncture, cautionary note about unsubstantiated claims for LLLT
2. **Fundamentals of PhotoBiology**
Mechanisms of action and examples of common photobiological reactions .
3. **Photophysics** Conceptual physics, electromagnetic spectrum, types of lasers and wavelengths, non-laser light sources,
4. **Basics of Lasers, Light, and Energy Concepts**
Dosimetry parameters including irradiance, radiant exposure, flux, wavelength penetration, pulsing and CW characteristics, delivery systems. Dose - radiant exposure vs total dose, parameters of spot size, power, pulse time and/or scan rates.
5. **Types of Laser/Light Tissue Interactions**
Thermal including Selective Photothermolysis (aesthetic uses), Photoacoustic, Photodisassociation, Photochemistry (PDT), and PhotoBiomodulation (LLLT)



If you're viewing this on your computer and online, just click these Links:

- [ARTICLE on Training, Certifications and Licensing Issues](#)
- [ONLINE REGISTRATION](#)

6. **Light Sources & Commercially Available Devices**
Coherent vs. incoherent light sources and examples. Clarification of the confusion in nomenclature, methods, and labeling
7. **Laser Safety And Regulations**
A.N.S.I. 136.3 Laser Safety Standards, differentiation of training and credentialing vs licensing, Laser Classification System, Eye Hazards, Other related Laser Hazards, A.N.S.I. based training requirements, Nominal Hazard Zones (NHZ) and Laser Treatment Controlled Areas (LTCA)
8. **LLLT Applications—PhotoBiomodulation**
veterinary, wound healing, chronic pain, arthritis, sports injuries, carpal tunnel syndrome, low thyroid, diabetes, neuronal toxicity, nerve regeneration, stroke treatment, skin rejuvenation, hair growth
9. **LLLT Applications—Laser “Acupuncture”**
Aid to Stop Smoking, and Weight Loss
10. **Common PhotoBiological Reactions in LLLT**
Mitochondrial Respiratory Chain, Nitrous Oxide formation from UV light, Cytochrome C Oxidase, Cell Signaling and Redox State, etc.
11. **Professional Associations and Recommended Reading**
(attachment at end of course)

Price: \$695 for one person.

\$995 for two persons—PLUS allows you to add up to 5 additional people at only \$125 each! This is a great way to provide quality training at economical prices to your entire staff!

Low Level Laser Therapy (LLLT)

The Course includes online access to the narrated and illustrated lectures, a PDF copy of all the slides, and a Certificate of Laser Training. Online quizzes are at the end of most modules which you must pass with a 70% or greater score. If for some reason you don't pass a module we'll reset you for that at no charge. You'll listen to the online lectures and follow along with the printout of all the narration on the slides, taking notes as needed.

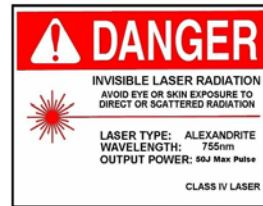
Approved for 16.1 Nursing CEU's and Qualifies for Category II CME.

A CERTIFICATE OF LASER TRAINING in LLLT from our nonprofit medical education group shows professionalism to your clients and enhances your credibility.

MEDICAL LASER SAFETY OFFICER (MLSO)

Every Hospital, Private office, or Aesthetic Practice is required to have an appointed LSO.

Laser Safety, as defined by the American National Standards Institute (ANSI) is separate and distinct from patient and treatment safety, which is an important but unrelated topic. Meet the regulatory requirements for having a trained Laser Safety Officer appointed at every facility that uses medical or aesthetic lasers. In addition several states require that an LSO be listed on administrative forms filed with the state, and must have proof of formal LSO training. This meets those training requirements.



Laser Safety Officers develop, administer and enforce the written Laser Safety Program that is required for all facilities.

A Laser Safety Officer is an individual appointed by the facility administration or business owner to manage and administer a Laser Safety Program. It is the major requirement of the ANSI Z 136.3 requirements for the Safe Use of Laser In Health Care Facilities (including aesthetics & private practices).

This person is a manager and does not necessarily run the laser equipment or do treatments, although they certainly may do so. They ensure that a safe "Laser Environment" is maintained. Patient treatment safety is a separate issue.

The program consists of the following modules:

1. Laser Biophysics
2. Laser Energy Concepts
3. Laser Effects on Tissue
4. Laser Hazards & Safety
5. Laser Incidents, Accidents and Complications
6. How to Set Up and Administer a Laser Safety Program
7. ANSI Z136.3 Safety Standards for Health Care Facilities
8. Medical Laser Safety Audits

ALSO—See our "ADVANCED" LSO Seminar held in Columbus Ohio for live firing of multiple types of lasers and management of fires, fiber breakage, etc.. Must show evidence of LSO training and sign a disclaimer to attend.



If you're viewing this on your computer and online, just click these Links:

- [ARTICLE on What You Need to Know About Your Laser Safety Program](#)
- [CERTIFICATION HANDBOOK](#)
- [ONLINE REGISTRATION](#)

Price: \$495 for ONE
\$795 for TWO persons—
PLUS allows you to add up to 5
additional people at only \$125



Medical Laser Safety Officer

The Course includes online access to the narrated and illustrated lectures, a pdf course manual, a PDF copy of all the slides, and a Certificate of Laser Training. Online quizzes are at the end of most modules which you must pass with a 70% or greater score. If for some reason you don't pass a module we'll reset you for that at no charge. You'll listen to the online lectures but must also study each chapter of the book.

Approved for 16.1 Nursing CEU's and Qualifies for Category II CME.

MEDICAL LASER SAFETY OFFICER CERTIFICATION:

Accredited Training Certificates are different than a Certification as a Medical Laser Safety Officer. There are currently (2018) no requirements that one MUST be Certified as an MLSO, but the 2018 ANSI 136.3 Standards do recommend such Certification. This course will meet the training requirements in order to take the CLSO/M Certification exam from the National Council on Laser Certification (NCLC). You may make separate application and take this exam at a location convenient to you. See www.LaserCertification.org for details. During our live 2 day LSO seminars we administer this exam at the end of the seminar for those wishing to take it.

ANSI Z 136.3 Laser Standards

A “Cliff Notes” Summary of the ANSI Standards

All Facilities that use Lasers, and all Laser Safety Officers will need to obtain their own copy of these standards for the Safe Use of Lasers in Health Care Facilities. The problem is, that unless you're a “laser nerd” like us, you can read these standards several times and still be confused about what they say. That's what this online program does for you. It's not a reproduction of the actual standards, but it does walk you through them section by section to give you a common sense understanding of what they say. Coupled with the actual standards that you'll buy, this gives you the best of both worlds in understanding your options in implementing these standards.



“Common Sense Language”

This narrated Computer Based Learning (CBL) program is approximately 126 slides in length and will take you about 2 hours to complete, depending on how quickly you advance through the slides. Like our other CBL programs it includes a PDF printout of all the slides in the program for you to keep. One of the problems for many people reading ANSI standards for the first time or two, is that you can read them but still not fully understand what they're trying to say. This program does a lot of interpreting for you and discusses some of your options as ANSI lays them out. Using this online narrated program along with your required copy of the Standards will bring you up to speed much faster to understand the requirements and options of ANSI.

Why do I need to bother with them at all?

The ANSI standards by themselves are not a law. However, various State and Federal agencies do require that you operate by these standards. OSHA (Occupational Safety & Health Administration) can write large fines (such as \$10,000) to employers who fail to abide by ANSI standards, and various States enforce them as well. Some States actually require formal documented training of the Laser Safety Officer and registration of the lasers with the State—it varies all over the country. In any event all facilities that use lasers are required to have a copy of ANSI standards and use them as guidance in their Laser Safety Program.

This Online Overview is NOT a copy of the Standards—you'll still need to buy them.

Who needs a copy of the 136.3 Standards?

Every facility (hospital, clinic, medical or dental office, MediSpa, veterinary practice, Low Level Laser Therapy clinic) that uses a laser must have an appointed Laser Safety Officer, and that program needs at least one copy of the ANSI Standards. You don't need multiple copies for different users—just one to use as guidance in your Laser Safety program. You don't use this as a day-to-day manual for routine laser use, just as a guidance document to establish and manage your required Laser Safety Program.

Where can I buy the Standards themselves?

You can buy a copy from us, or you can buy them from the Laser Institute of America. The standards are priced at \$159 plus shipping.

NOTE: As new Standards are approved, they may not actually be released until quite some time later. When you order either the ANSI Standards, or this online Overview of these Standards, you'll automatically receive the latest version of the Standards publicly available at the time of your order.

Price: \$95 for the Online narrated "Cliff Notes" summary
(These are not the standards themselves—you'll need to buy them separately)

Also see our "Medical Laser Safety Officer Course" in this catalog. Available as an Online Course, or Two Day Seminar.

This ANSI "Cliff Notes" summary course:
Approved for 2.4 Nursing CEU's and Qualifies for Category II CME.

**A MUST FOR ALL LSO'S, PRACTICE MANAGERS,
AND BUSINESS OWNERS.**

STAFF BASIC LASER SAFETY INSERVICE

All Perioperative Staff are required to have Laser Safety Training. This is it.

Short 20-30 minute inservice as required by ANSI 136.3 for all PeriOperative personnel that may have occasion to come into a laser room. This is the basic Laser Safety Inservice for personnel that might come into a laser room, but are not working directly with lasers. It discusses the eye and skin burn hazards of lasers, how to read the wavelength listings on the danger signs and to match them with actual protective eyewear.



Covers the ANSI required safety training for all personnel working around laser installations. Documentation of this training is a requirement of ANSI. Choose this shorter program for general perioperative staff. Choose the longer 4 hour "Laser Techs" course for staff that are working directly with lasers or scrubbing in on laser cases.



**THIS SHORT PRESENTATION DOCUMENTS THE
LASER SAFETY TRAINING FOR YOUR STAFF AS REQUIRED
BY ANSI STANDARDS.**

**Online
Links**

If you're viewing this on your computer and online, just click these Links:

- [ARTICLE on What You Need to Know About Your Laser Safety Program](#)
- [FAQ: Which training should I choose for my staff?](#)
- [FAQ: What about hands-on training if we take the online courses?](#)
- [ONLINE REGISTRATION](#)



Price: \$25 for ONE – or \$400 for a package of 20. There is no time limit on when you have to use your 20 spots.

The A.N.S.I. Laser Safety Standards REQUIRE retraining of ALL of your key laser staff at least once every five years. This will meet that requirement.

Surgical Laser Safety Inservice—Short Safety Inservice

The Course includes online access to the narrated and illustrated lectures, a PDF copy of all the slides, and a Certificate of Laser Training. An online quiz is given at the end which you must pass with a 70% or greater score. If for some reason you don't pass we'll reset you at no charge.

Approved for 1.0 Nursing CEU's and Qualifies for Category II CME.
(also ask us about our In-House programs where we teach hands-on with your own lasers).

Note for those taking the LSO 2 Day Seminars:

This basic laser safety inservice will be provided to you as a powerpoint show on a memory stick that you may use for training of your own staff on an unlimited basis.

PHYSICIAN BASIC LASER SCIENCE AND SAFETY

The First Step in meeting credentialing requirements for Laser Use for Residents and Attending Physicians.



Online / Home-Study Course designed for Physicians seeking basic laser science and safety for credentialing purposes, and for staff working directly with and around lasers. Approx 1hr 45 minutes to cover the primary laser and energy concepts, differentiate types of lasers, and present important safety concepts. This is the next step up from the Basic Surgical Laser Safety Inservice. It is directed toward physicians it is intended to be augmented with more complete and specific clinical training in their specialty area, followed by hands-on laser work and preceptorship of cases, in order to gain Laser Privileges at a hospital. Requirements for gaining Laser use privileges will vary hospital to hospital, so check with yours. This program is utilized by The Ohio State University Medical Center as the first training step in the credentialing of their Residents and Attending Physicians.



PERFECT FOR PHYSICIAN STAFF
AND RESIDENT TRAINING



Online
Links

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- [FAQ: Which training should I choose for my staff?](#)
- [ONLINE REGISTRATION](#)



Price: \$195 for ONE
\$295 for TWO people - PLUS the option to enroll an additional 5 people at \$125 each.
(that's a package of 7 for only \$920—enroll your department)

Physician Basic Laser Science and Safety

The Course includes online access to the narrated and illustrated lectures, a pdf copy of all the slides, and a Certificate of Laser Training. An online quiz is given at the end which you must pass with a 70% or greater score. If for some reason you don't pass we'll reset you at no charge. (Course credits allots 15 minutes to the post test)

Approved for 2.4 Nursing CEU's and Qualifies for Category II CME.
(We can also come In-House where we can teach hands-on physician credentialing programs with your own lasers utilizing physician faculty).

LASER TECHS—SAFETY AND OPERATION

The next step up from a Basic Laser Safety Inservice for Laser Personnel.

For Surgical Staff working directly with, or around laser Systems, or in Laser Cases. Also used by Physician Staff for a more in-depth basic laser science and safety training. Approximately 4 hours of Basic Surgical Laser Science and Safety.



Basic Laser Science and Safety Training for Technicians operating the equipment, and Team Members working Laser Cases.

Laser Operators must of course augment this with specific hands-on training on the lasers they operate. The program is broken down into three sections:

- 1) Laser and Energy Concepts (basic biophysics)
- 2) Laser / Tissue Interactions
- 3) Laser Safety, including both practical safety and administrative concerns



Also ask us about our In-House programs where we teach hands-on with your own lasers. Lectures in morning, hands-on in afternoon.



If you're viewing this on your computer and online, just click these Links:

- [ARTICLE on What You Need to Know About Your Laser Safety Program](#)
- [FAQ: Which training should I choose for my staff?](#)
- [ONLINE REGISTRATION](#)



Price: \$195 for ONE
\$295 for TWO people, PLUS the option to enroll an additional 5 people at \$125 each.

Laser Techs—Safety and Operation

The Course includes online access to the narrated and illustrated lectures, a PDF course manual, a PDF copy of all the slides, and a Certificate of Laser Training. Online quizzes are at the end of most modules which you must pass with a 70% or greater score. If for some reason you don't pass a module we'll reset you for that at no charge.

Approved for 5.2 Nursing CEU's and Qualifies for Category II CME.

NOTE— We offer this same course as a live seminar which is the first day of our two day LSO course. \$395. Discounts available.

SURGICAL LASER AIRWAY SAFETY

ENDOTRACHEAL TUBE FIRES ARE A MAJOR RISK OF AIRWAY LASER USE.

This 30 minute presentation (plus review and test) on management of risks of airway fires from lasers should really be a mandatory viewing of ALL Anesthesiology departments, plus ENT, Pulmonary medicine and other specialties involved in laser use in the airway.



This should be MANDATORY viewing for all personnel involved in Laser Airway Cases.

Airway fires induced by laser procedures are easily avoided if proper procedures are used, but are extremely LIKELY if they are not. Considering the high risk to patients, and consequent liabilities to the facility in the event of a fire, it is prudent for ALL PERSONNEL involved with laser airway cases to review this presentation. It discusses Microlaryngoscopies, plus rigid and flexible bronchoscopies, with associated safe laser practices and laser resistant tube use. The presentation includes videos of ex-vivo simulations of various ET Tube fires. ANSI Laser Airway Safety requirements are discussed in some detail.

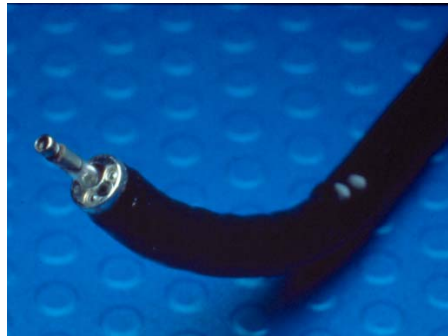
This program is utilized by The Ohio State University Medical Center for training of staff in the Anesthesia and ENT departments.





If you're viewing this on your computer. Just click these Links:

- [ARTICLE on What You Need to Know About Your Laser Safety Program](#)
- [ONLINE REGISTRATION](#)



Price: \$125 for ONE person, or
\$795 annually for a facility for up to 20 certificates.
(This can cover training for an entire department and
there is no time limit on when you have to use them)

SURGICAL LASER AIRWAY SAFETY

The Course includes online access to the narrated and illustrated lectures, a PDF copy of all the slides, and a Certificate of Laser Training. An online quiz is given at the end which you must pass with a 70% or greater score. If for some reason you don't pass we'll reset you at no charge.

Approved for 1.0 Nursing CEU's and Qualifies for Category II CME.

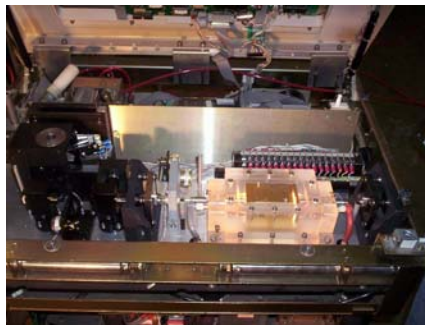
Note for those taking the LSO 2 Day Seminars:

This Surgical Laser Airway Safety course will be provided to you as a powerpoint show on a memory stick that you may use for training of your own physicians and staff on an unlimited basis.

LASER MAINTENANCE & REPAIR

LASER MAINTENANCE COSTS ARE A MAJOR COST OF OPERATION, AND CAN BE UNDERTAKEN BY THE FACILITY.

Maintain your own lasers and save THOUSANDS of dollars in maintenance. Covers basic Periodic Maintenance and Front Line Repairs. Prepares you to take over your own maintenance, or manage your service contracts at significant financial savings.



These are the lectures from our week long repair course, and full credit for this online program will be applied to those attending our actual week long repair seminar within one year from taking the online program.

The course includes affiliation with a network of independent laser service providers that can provide information on service and parts on various lasers.

Manufacturers are required by federal law to provide the Laser Service Manuals at the "cost of reproduction", and we discuss these laws in the course.

Biomedical Engineers have the best background for these courses, but we've also had many with no formal technical training, but were mechanically and electrically inclined. This is NOT an "Engineering and design" course and one does not need an extensive background in electronics nor optics. It IS a "Laser Mechanics" course that teaches people how to repair broken lasers with stock off the shelf parts and normal repair procedures.



SAVE MONEY! FIX YOUR OWN LASERS!

If you're viewing this on your computer. Just click these Links:

Online
Links

- [INFO on the Laser Repair course](#)
- [CERTIFICATION HANDBOOK](#)
- [ONLINE REGISTRATION](#)



Price: \$1495 for ONE person

Fee is applied to the actual workshop course fee of \$6350 for the week long program if registered within one year of the home-study course.

LASER MAINTENANCE AND REPAIR—Online Lectures

The Course includes online access to the narrated and illustrated lectures, a PDF course manual, a PDF copy of all the slides, and a Certificate of Laser Training. Online quizzes are at the end of most modules which you must pass with a 70% or greater score. If for some reason you don't pass a module we'll reset you for that at no charge. **Attending the actual week long course is the best way to learn laser repair, but this course can make you more knowledgeable (and a better buyer of service) in the interim.**

Approved for 16 Nursing CEU's and Qualifies for Category II CME.
Also qualifies for AAMI BMET credits.

FREE LASER RESOURCES & MATERIALS—Click on Photos if online

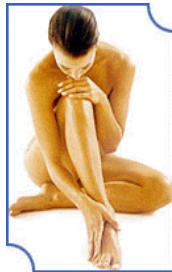


Laser Medicine & Surgery Manual

You have to register, but its free. Includes you on the periodic E-newsletter.

All the laser basics of energy concepts, tissue effects, and generic applications, plus safety.

Click on the photo to open



Introductory PowerPoint on Laser Aesthetics

Get the “gist” of laser use in aesthetics. Includes Laser hair removal.

Very brief Introduction to General Laser Aesthetic Concepts—just to all get on the same page. Click on the photo to open



PREVIEW—Aesthetic Laser Procedures Course

The complete first module introduction to this online comprehensive program.

View the narrated PowerPoint by clicking on the photo, and then register as a new user—its free.



Licensing, Certifications, Training Certificates—What are they all about?

Look at a discussion of the differences in these topics with a referral to Boston Medtech Advisors and Intl Aesthetic & Laser Assoc. to answer specific State licensing questions.

Click on the photo to open the file.



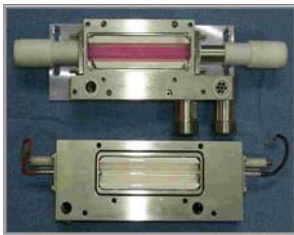
Laser Safety Policies in an Office Practice.
Sample generic policies.

Click on the photo to open the word document



**Laser Safety Policies
in a Hospital Setting**
Sample generic policies

Click on the photo to open the word document.



Introduction to Servicing Medical Lasers

Click on the photo at left for a free narrated PowerPoint presentation on servicing lasers. (Register as a new user—its free)

[Click HERE for a 7 minute video on the repair course.](#)

[Click HERE to go to the course web page](#)

[Laser Companies & Suppliers](#) – listings of virtually every company

[What are my Options for General Surgical Staff Training?](#)

Click for a pdf brochure on how to keep your staff laser trained.

[Laser Certification Information](#)—www.LaserCertification.org

[SUBSCRIBE—to our free “Laser Straight-Shooter” E-Newsletter.](#)

[FREE Laser Danger Signs](#)—just fill in the blanks and print them.

REFUND POLICY

Online / Home-Study Courses are non-refundable once the authorized individual has logged in to start the course, as indicated by the website servers, and/or the course materials have been electronically sent to the individual. If you've registered for and paid for a course by credit card, and then contact us to request a refund prior to starting the course and before materials have been transmitted, we'll apply a full refund less any service fees charged by the credit card company.

AV materials for Home Study programs (books, manuals, file transfers etc) are non-refundable once they have been electronically transmitted to the participant due to the easy nature of copying materials. Participants should be aware however that a full credit for purchased home study programs is frequently applied to their registration fee for upgrading to an actual training seminar. This would be posted with the course information.

See our [ONLINE REFUND POLICY](#) regarding our other in-person seminars and In-House training programs,.



Professional Medical Education Association, Inc.
not-for-profit continuing education, est. 1978

Online Laser Training and Seminars

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