

Course Description

This program is utilized by Nurses, Physicians and Biomedical Engineers to meet the educational requirements for Laser Biophysics and Safety Training. Additionally, the course trains Medical Laser Safety Officers (CMLSO's) who have been given the responsibility of establishing their institutions Laser Safety Program. The two day program provides a thorough understanding of all procedures required to ensure compliance of your laser safety program with ANSI, OSHA, and JCAHO.

Why Attend?

- Familiarize and review the current ANSI standards (136.3)
- Great for Staff turnover
- Courses consistently rated excellent by past attendees
- 16.1 Nursing credits, qualifies for category II CME credits and AAMI Biomed credits
- Physicians can meet the Laser Biophysics and Safety Requirements
- Ensure your compliance with OSHA and JCAHO
- Learn about NCLE Laser Certifications for Safety Officers



- Important reference tools:
www.lasercertification.org
- You also need to review the Candidate handbook for additional information. Go to www.lasercertification.org, click on the link for the Candidate Handbook
- Please complete registration form then mail or fax with registration fee back

Course Includes:

- 1 1/2 day training course and Certificate of Attendance
- Laser Medicine and Surgery Manual
- Certified Medical Laser Safety Officer exam (optional)



Medical Laser Safety Officer Review and Exam Course



Course Objectives:

- Describe the basic biophysics of laser and light
- Name three primary types of surgical lasers and list their wave-lengths.
- Explain conceptually how lasers work
- Discuss the pertinent energy, optical and fiber concepts that are applicable to medical laser use
- Demonstrate an understanding of Laser and Energy concepts
- Describe the four different types of laser/tissue interaction
- Demonstrate and understanding of the biological effects of laser on tissue
- Demonstrate and understanding of the pertinent energy
- Describe the types of hazards which laser presents to personnel and patients
- Explain the safety precautions and procedures recommended by ANSI during laser surgical procedures
- Explain the types of procedures by specialty in which laser energy may be useful.