



## **Certified Laser Safety Course for Healthcare Workers (CLSHW)**

**Course Credential: CLSHW**

**Course Length: 3 ½ Days**

**Course Fees: \$595.00**

### **Program Objective:**

This course is designed to give the operating room personnel a basic foundation in laser biophysics, tissue interaction and laser safety. Without proper training or safety precautions, workers run the risk of permanent injury from the improper use of lasers. This course covers the following:

- Discuss laser biophysics and tissue interactions
- Discuss the laser safety standards according to ANSI
- List the effects and characteristics of laser wavelengths on tissue
- Discuss the current treatment modalities with lasers
- List the indications for specific patient selection when utilizing the different laser wavelengths
- Explain the operational skills with the different laser delivery devices
- List the advantages of the laser ANSI Standards
- Acquire the expertise to explain operational skills with the different laser delivery devices and the four laser classes.
- All ANSI Z136 Standards
- Review and apply laser safety standards from ANSI Z136.3 Safe Use of Lasers in Health Care
- Understand the responsibilities of a Laser Safety Officer in a medical facility
- Gain a complete understanding of the laser hazard classification system
- Increase your knowledge of protocols and recommended practices when implementing a laser safety program Audience

### **Governing Regulations:**

- ANSI Z136.3 (2011) Safe Use of Lasers in Health Care - The ANSI Z136.3 is recognized as the definitive document on laser safety in all health care environments. It provides guidance for the safe use of lasers for diagnostic, cosmetic, preventative and therapeutic

applications in any location where bodily structure or function is altered or symptoms are relieved.

- ANSI Z136.1 (2007) Safe Use of Lasers - The parent document and cornerstone of the Z136 series of laser safety standards, the revised ANSI Z136.1 (2007) provides guidance for the safe use of lasers and laser systems by defining control measures for each of the four laser classes.

This course satisfies the OSHA General Industry (29 CFR 1910) training requirements for Laser Safety, a form of Non-Ionizing Radiation.

### **Audience**

This course will be valuable for:

- Safety, Health and Environmental Professionals,
- Safety & Health Committee Members
- Government Inspectors
- Managers & Supervisors
- General Industry Personnel
- Training Managers
- Industrial Hygienists
- Environmental Professionals
- RNs,
- Surgical techs,
- Training coordinators
- Or anybody who has been assigned the responsibility of LSO in a medical facility.

### **Testing:**

Students completing the course must take a proctored final exam. A score of 80% on the final exam is necessary to receive your personalized certificate of completion. The student gets three (3) attempts to pass the course.

