



# *top reasons*

I Utilize MLS Laser Therapy in an  
Orthopedic Practice.

**With Scott Sigman, MD**



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## Note from Presenter

### Scott Sigman, MD

OrthopedicSurgical Associates

14 Research Place, North Chelmsford, MA 01863.

- **Nationally Recognized Leader on Opioid Sparing Surgery**
- **Team Physician UMASS Lowell**
- **Fellow of the World Society of Sports and Exercise Medicine**

I get asked all the time, “hey doc, how did the Opioid crisis get so bad? How did my child get addicted to drugs after a surgery? How did my child or loved one die of a Heroin overdose? How is it possible that four out of five new Heroin users started on prescription Opioids?”

**Honestly, I wish I saw it coming. I didn’t and neither did any of my colleagues. It snuck up on us. We were told Opioids were not addictive. That is clearly not the truth.**

I have been on a personal mission since 2013 to change the culture of postoperative pain management for doctors and patients. I have been spreading my message and passion for Opioid Sparing surgery around the world. There is good news – Doctors across the country are embracing our postoperative Opioid Sparing techniques.

I have also been proud to participate in the Choices Matter campaign. This non-branded campaign was designed to empower patients on the choices available in postoperative pain management.

My passion for Opioid Sparing Surgery is the reason I founded OrthoLazer. OrthoLazer is a non-operative non Opioid alternative treatment for acute and chronic orthopedic pain.

**Scott Sigman.**





02

C H A P T E R

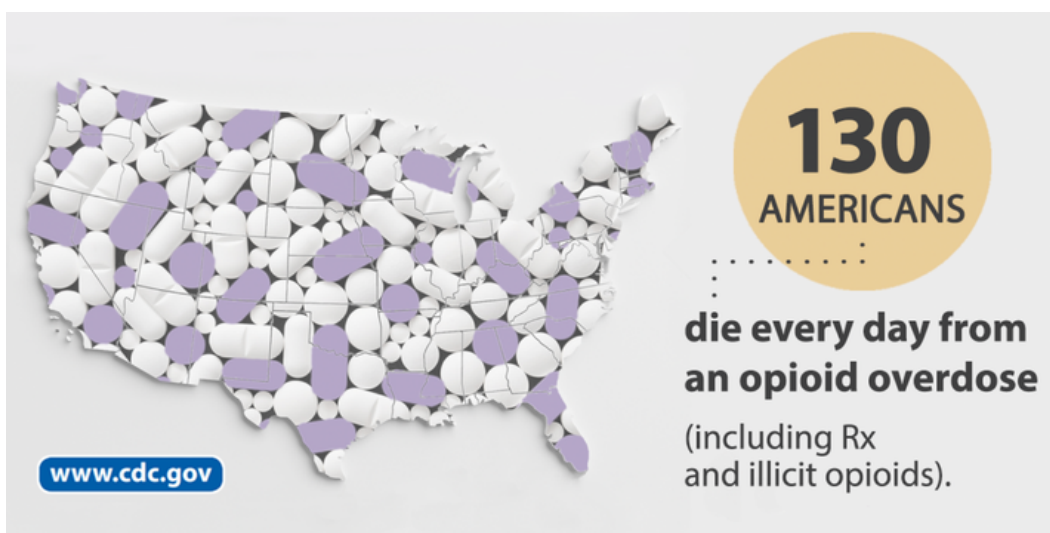
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# Opioid Crisis

## An inadvertent gateway

**"Unfortunately, elective surgery has become an inadvertent gateway to the opioid crisis", Sigman explains during the webinar.**

Painkiller overuse has led to the development of a national curriculum and standard of care for opioid prescribers. The Commission has now recommended that the U.S. Department of Health and Human Services (HHS) coordinate development of a national curriculum and standard of care for opioid prescribers.



Also the DEA, prior to re-licensing an opioid prescriber, must require participation in an approved continuing medical education program.

The Commission endorsed further enhancements to, and enforced usage of, state Prescription Drug Monitoring Programs (PDMPs), which are electronic databases that give prescribers and pharmacists access to critical information regarding a patient's controlled substance prescription history.

Finally, the Commission has recommended revising CMS policies that encourage the prescribing of opioids, such as reimbursement based on a pain survey given to patients and unequal reimbursement for FDA-approved, non-opioid pain treatments.

As this partial summary of the forthcoming changes demonstrates, the Commission's work requires medical executives to prompt structural and cultural transformations to how hospitals administer services and physicians practice medicine.

**- January 22, 2018, Industry's Need to Understand the President's Opioid Commission**





03

CHAPTER

03

# MLS Laser Therapy

## What is it?

MLS Laser Therapy is a patented emission system created to achieve an efficient and simultaneous effect on pain, contracture, inflammation, and edema within a short period of time.

The patented control system that generates the MLS pulse synchronizes the emissions to achieve optimum results. Due to this characteristic synchronization, the various therapeutic effects not only take place at the same time, but reciprocally reinforce each other, without the risk of thermal damage.

Multiwave Locked System (MLS) is a unique combination and synchronization of continuous and pulsed emissions that characterizes MLS and distinguishes it from other Class IV lasers. MLS Laser Therapy is quickly becoming the standard of care in alleviating both acute and chronic pain. This patented, FDA-cleared technology has an 85% – 90% efficacy rate in relieving pain and inflammation, eliminates risk from surgery and prescription pain killers, has no negative side effects, and restores patients' lives.



# MLS Laser Therapy

## **Why does it work?**

A common question from many individuals when researching which laser is right for them and their practice, is "what's the difference?". So, what exactly is the difference between a class IV or IIIB lasers and the MLS Laser Technology?

### **Class 3B Lasers**

These lasers use very low power, are limited to surface biostimulation, and often require many treatment sessions and long treatment times. Results are only achieved at the end of the treatment cycle, and results are limited because of the use of only one or two wavelengths that are not synchronized.

### **Class 4 Lasers**

These lasers were developed with the expectation that greater power corresponded to better efficiency. On the contrary, unless suitably controlled, high power can thermally damage the treated tissue. The foundation of Class IV laser therapy is based on the delivery of a therapeutic dose of joules to a large area of target tissue, reducing variability in outcomes.

# MLS Laser Therapy

## Multiwave Locked System

This patented, FDA-cleared technology has an 85% – 90% efficacy rate in relieving pain and inflammation, eliminates risk from surgery and prescription pain killers, has no negative side effects, and restores patients' lives.

While lasers are commonly known for their heat components or surgical cutting purposes, our patented MLS technology ensures there is no thermal tissue damage due to our unique wavelength synchronization.. There may be a slight warming sensation at the treatment site, which is normal and an indication that the inflammation is being relieved and that the body is responding properly.

**“MLS is a non-medicinal, zero risk, effective, and painless way to treat patients. And when the pain goes away, it stays gone, so there’s nothing else to do.”**

-Ronald Gardner, MD  
Gardner Orthopedics in Fort Meyers, FL

# Case Studies

## Effects of MLS Laser Therapy

Multi-Wave Locked Therapy (MLS) is being used by many medical practitioners in the United States to reduce pain and inflammation in a variety of patients. Most patient success stories have been as a result of treatments with MLS, including in orthopedic practices.

Dr. Doug Kiburz, an orthopedic surgeon in Sedalia Missouri and owner of Sedalia Laser Pain Center, has been very pleased with the MLS Laser results in his center. During the summer of 2017 ASA Lasers and Cutting Edge Laser Technologies combined efforts with Dr. Kiburz to perform a retrospective case study analysis of 235 patients who received treatment in Dr. Kiburz's laser pain center. Undergraduate student Jayce Simoncic conducted the data collection under the supervision of Dr. Kiburz.

Outcomes: In one study of 235 orthopedic patients who received MLS laser treatments, patients reported on improvement in pain on a VAS score. Patients receiving treatment after total knee replacement or total hip replacement reported a 57% decrease in pain at or after 3 treatments.

	Overall patient satisfaction (Average %)	Overall doctor-reported improvement (Average %)
Post-operative TKR/THR	86% satisfied or better	86% good or better
Knee arthritis	86% satisfied or better	86% good or better
Lumbar	71% satisfied or better	64% good or better
Tendonitis	77% satisfied or better	71% good or better
Post fracture	70% satisfied or better	66% good or better

Full Study: [celasers.com/outcomes](http://celasers.com/outcomes)



Want to see for yourself? Schedule your complimentary in-office laser demonstration today by calling 800.889.4184.

We know your time is limited, so in just one hour, our team will provide an onsite demo and all the information you need to make an informed decision on whether laser therapy is right for your practice.

[celasers.com/onehour](https://celasers.com/onehour)



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