

# A Rapid Recovery

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## From Your Surgery

**MLS LASER THERAPY**



**Webster**  
Orthopedics

Experience. Excellence.



# Manage Pain. Reduce Inflammation. Restore Mobility.

## With MLS Laser Therapy for Postsurgical Recovery.

### WHAT IS MLS LASER THERAPY?

MLS Laser Therapy is the use of specific wavelengths of light to ease postsurgical pain and to speed healing.



### HOW DOES MLS LASER THERAPY WORK?

Light energy enters the damaged cells and stimulates intracellular activity. This reduces pain in the area and speeds recovery of the damaged cells. Once the cells recover, the healing process is complete.



- ✦ MLS stands for Multi-Wave Locked System. The MLS Therapy Laser treats pain, inflammation and arthritis, as well as accelerating postsurgical healing.
- ✦ The MLS Therapy Laser is a Class IV Laser. It uniquely uses two lasers at once, simultaneously and synchronized. One laser eases pain; the other reduces inflammation and swelling.
- ✦ It features two wavelengths; 808 nanometers and 905 nanometers. The wavelengths are in the infrared spectrum. They are invisible to the eye.
- ✦ The 808 wavelength treats inflammation and is long lasting. The 905 wavelength is analgesic and is fast acting. Together, they are very effective.
- ✦ The MLS wavelengths combine and synchronize the 808nm and 905nm waves in a unique and proprietary way. The MLS wave form is patented.
- ✦ Over 3,000 studies in the last three decades validate the efficacy of laser therapy.
- ✦ Laser therapy was cleared by the FDA in 2002 and is currently being used by a variety of medical specialties, and sports teams nationwide.
- ✦ The laser can painlessly penetrate up to 2½ inches deep and generates no heat. There are no known harmful effects.
- ✦ Laser energy stimulates cells to remove toxins, like histamine and cytokine, out of cells.
- ✦ It allows oxygen and food loads into the cell.
- ✦ Laser waves block the pain signals to the nociceptors in the brain, and release endorphins and enkephalin.
- ✦ Laser light increases ATP production and cell growth bringing blood flow to the area, accelerating healing.
- ✦ The MLS Laser stimulates the mitochondria in cells to jump start the body's own healing process.
- ✦ Like an antibiotic, each treatment is cumulative, building upon the previous treatments.
- ✦ Treatments take less than 15 minutes each and are completely painless, and comfortable.





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