

# PAINMEDICINE NEWS

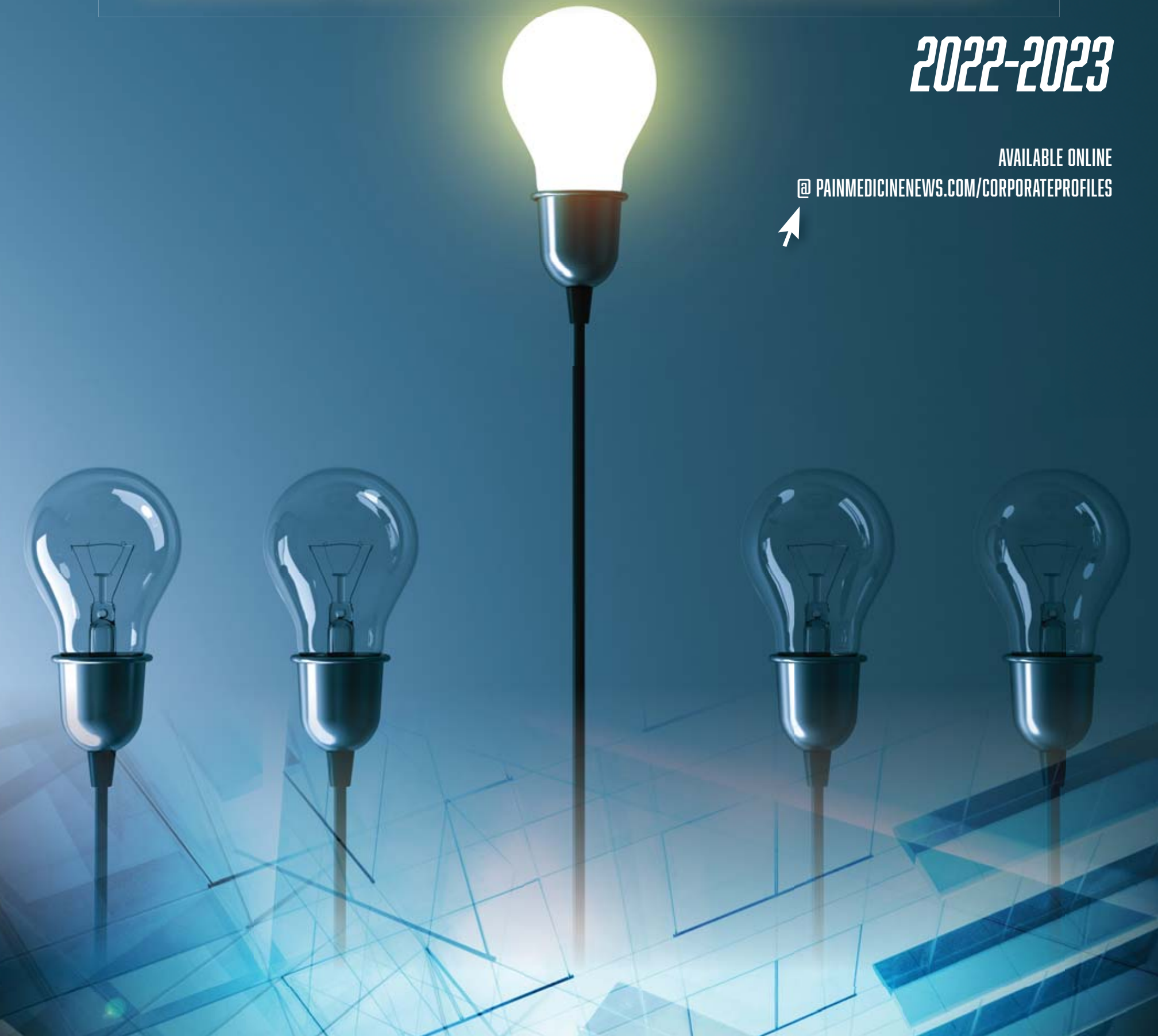
## *2ND ANNUAL*

# *CORPORATE PROFILES*

## *2022-2023*

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# CUTTING EDGE LASER TECHNOLOGIES

Cutting Edge Laser Technologies is focused on providing nonpharmacologic and noninvasive solutions for pain management, wound healing, postsurgical recovery and tissue regeneration.

With over 20 years of experience, Cutting Edge is a leader in designing and selling products that address the unique challenges facing physicians. Our patented and FDA-cleared Multiwave Locked System® (MLS) Laser Therapy technology is quickly becoming the standard of care for drug-free and noninvasive pain management, while helping physicians improve profitability at their practice.

## The Science Behind MLS Laser Therapy

Developed in an effort to surpass the limitations of traditional low-level laser therapy, MLS Laser Therapy uses two wavelengths that were chosen based on more than three decades of research, including in vitro, in vivo and controlled clinical trials run by state-of-the-art health organizations around the world.

The continuous 808-nm-wavelength emission reduces inflammation and edema by stimulating blood flow and lymphatic drainage, inducing the reabsorption of fluid buildup and interacting with the synthesis and degradation of inflammation mediators.

The pulsed 905-nm-wavelength emission affects the transmission of pain at the level of superficial nociceptors and on the afferent nerve fibers. This results in an increased stimulation threshold of the cells and nerve fibers, and therefore, a reduced sensation of pain.

Through the synchronization of these emissions, MLS Laser Therapy induces an immediate analgesic effect while providing strong anti-inflammatory action. The MLS emission takes advantage of each wavelength's unique benefits that, when synchronized, reinforce each other to achieve results greater than the sum of its parts.



## Medical Benefits

The indications for MLS Laser Therapy include:

- muscular and skeletal system trauma, including sprains and strains;
- degenerative illnesses of articular or neuromuscular origin;
- inflammatory conditions, including those affecting older adults;
- edema due to circulatory stasis, reduced lymphatic drainage or trauma; and
- postsurgical swelling, superficial lesions and other painful conditions of various origins.

MLS Laser Therapy is proven to be effective for both acute injuries and chronic conditions. Many patients who suffer from difficult-to-treat conditions and/or have not benefited from traditional treatment methods are able to experience pain relief with MLS Laser Therapy. In most cases, six to 10 applications are sufficient to obtain excellent results for acute pain and inflammation, while 10 to 12 applications are typically recommended for chronic conditions.

## Enhanced Safety Profile

Unlike early-generation Class IV therapeutic laser technologies, MLS Laser Therapy has the capability of delivering controlled laser energy by modulating the energy output to an appropriate level, considering the maximum possible power level, pulse width and treatment duration.

With this unique safety feature, MLS Laser Therapy provides more accurate therapeutic dose delivery while reducing the risk for thermal collateral tissue damage. This safety feature allows patients and practitioners to experience the benefits of a Class IV therapy laser, such as more efficient biostimulatory results in a shorter period of time, while minimizing the risks associated with many Class IV technologies.

## Go Robotic

The enhanced safety profile of the MLS technology has allowed it to be adapted into the only robotic therapy laser emission system—the M6 MLS Therapy Laser—that automatically scans the targeted region to evenly treat wide tissue areas, such as the torso, hips and spine. With more consistent and accurate dosing based on set parameters, the robotic emission system leads to better, more predictable outcomes than stationary and manually operated therapy lasers.

With automatic application of MLS Laser Therapy, there is no need for a dedicated technician to operate

## AT A GLANCE

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### Mission

Since our founding in 2001, our mission has remained the same: to provide high-value medical equipment to healthcare professionals that will elevate the quality of care while improving their bottom line.

Better medicine. Better business.

the M6 throughout the treatment session. While one patient receives treatment with the robotic M6, physicians and staff can dedicate their attention to other patients and practice services to increase the overall productivity of the practice.

## Partnership for Success

Cutting Edge's opportunity to help physicians is huge! As patients' concerns regarding the potentially harmful side effects of opioids and other pharmaceutical painkillers remain at the forefront of our minds, they continue to seek alternative methods for pain management.

The unique Cutting Edge MLS Laser Therapy technology coupled with our world-class training and marketing support programs enable physicians to accelerate and optimize laser therapy services while improving profitability at their practice.

Over 4,000 medical professionals around the world have integrated MLS Laser Therapy into their practices to help patients alleviate pain and inflammation, improve function, and accelerate recovery times.

When you partner with Cutting Edge Laser Technologies, you choose a company that has been helping medical and veterinary professionals raise their quality of care for over two decades!

