



# MPS Therapy

A Breakthrough in Pain & Stress Reduction

# A Therapeutic Breakthrough

Dolphin Neurostim is the world's first hybrid device specifically designed for the treatment of chronic/acute soft tissue pain.

Dolphin applies brief, concentrated microcurrent impulses to specific treatment points that naturally reduces nervous system STRESS, relaxing muscle tone and releasing the body's natural pain killers, endorphins. This multi-pronged effect on the body's nervous, muscular and endocrine systems is the reason why the Dolphin Neurostim works so fast and effectively with many chronic pain & stress conditions.

## What is MPS Therapy?

Applying Dolphin to key acupuncture / trigger points is called Microcurrent Point Stimulation or MPS Therapy.

MPS combines the principles of western neurology, stress management, integrative dentistry, and scar therapy with Eastern acupuncture philosophies. The "pearls" of these therapies are then woven into unique easy-to-apply protocols that reduce STRESS and chronic pain all throughout the human body.

MPS Therapy protocols are presented in a step-by-step basis in order to help the user determine optimal steps for patient success.



Appendix Scar Release



Shoulder Release

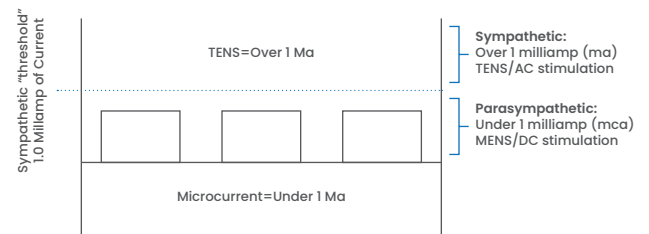


Iliopsoas Release

# Why MPS Microcurrent for Pain & Stress?

Microcurrent has been clinically proven to closely approximate the body's naturally occurring cellular bio-electric currents. Microcurrent (millionth of amp  $\leq 1\text{ma}$ ) has been scientifically proven to accelerate ATP, protein synthesis, metabolism, and regulation the autonomic nervous system, key actions for healing the brain and body and for relieving pain (cheung 82)

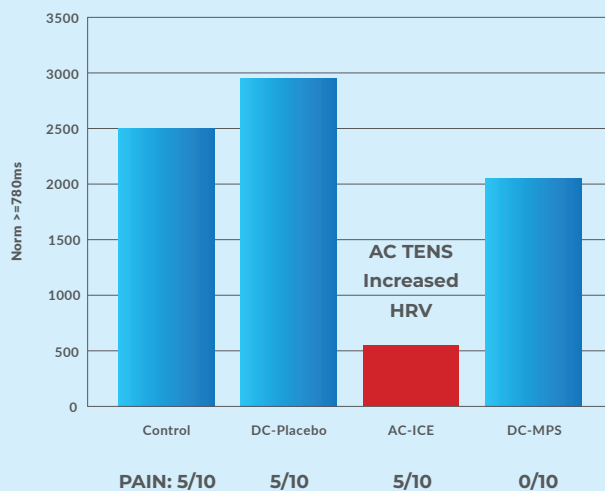
Same Research reported electro-currents applied above  $\geq 1\text{ma}$  (eg. AC TENS and AC Electro-acupuncture) as inhibiting ATP, metabolism



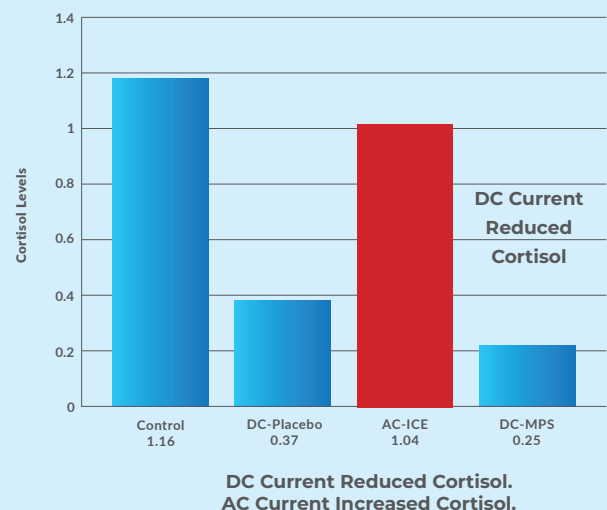
**NEW SCIENCE:** MPS applied to placebo & active acupuncture points reduced sympathetic STRESS and cortisol while AC TENS increased STRESS and Cortisol (JCNB 2017- below graphs) NOTE: AC is man made, DC is found in nature.



**HRV & Pain: Pre-Post MPS vs TENS**



**Cortisol: Pre-Post MPS vs TENS**



# MPS - A Superior Microcurrent

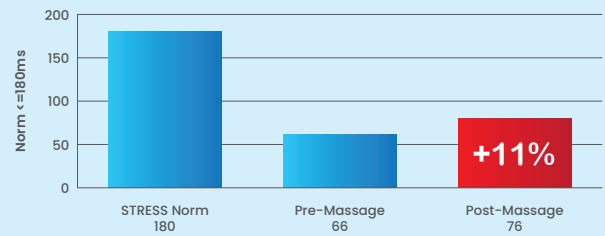
Microcurrent Point Stimulation (MPS) was born out of Endorphin research in the 1970-80's. Research proved endorphins were only released using a low voltage, high power square wave, as these parameters optimally resonated with bodies nerve system & cells.

Today, that same stimulation is packaged for convenient application and delivering the most potent de-stressing stimulation on the market, for unparalleled stress reduction & Pain relief

MPS is highly effective for STRESS reduction and Pain relief, consistently beating other modalities, even acupuncture, for stress reduction and pain relief.

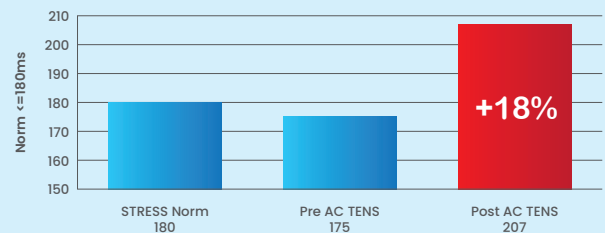


## Massage Effect on STRESS (Sympathetic UPregulation)



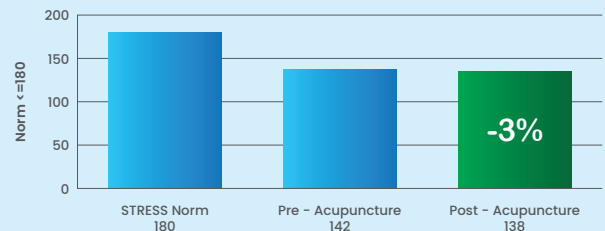
Massage Increased STRESS 11% in Pain Patients: + 10 POINTS N=4

## AC TENS Effect on STRESS (Sympathetic UPregulation)



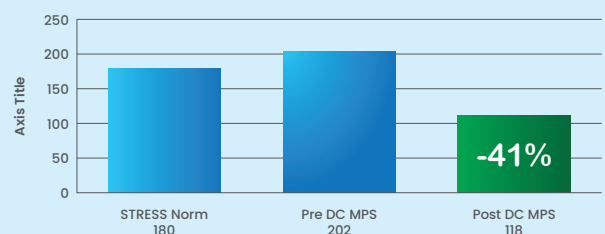
AC TENS increased STRESS 18%: +32 POINTS N=15

## Acupuncture Effect on STRESS (Sympathetic UPregulation)



Acupuncture reduced STRESS -3% in Pain Patients : -4 POINTS N=5

## Microcurrent Effect on STRESS (Sympathetic UPregulation)



Microcurrent Decreased STRESS 41%: - 84 POINTS N=38



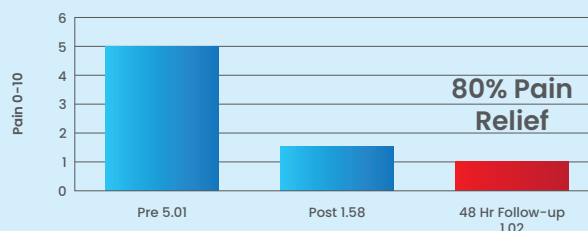
# MPS Reduces Back & Neck Pain

It is widely accepted in science that imbalances of the sympathetic and parasympathetic branches of the autonomic nervous system (ANS) are directly linked to wide variety of pain and diseases. Stress or persistent tone of the sympathetic nervous system is directly related to ongoing chronic pain & disease.

MPS gently calms the nervous systems for proven pain relief that can have lasting benefits. Standard protocol (SP) (pictured), has been reported to reduce back pain -75% (IJCAM) and neck pain -80% (JCAM), with benefits improving over time. (see graphs)

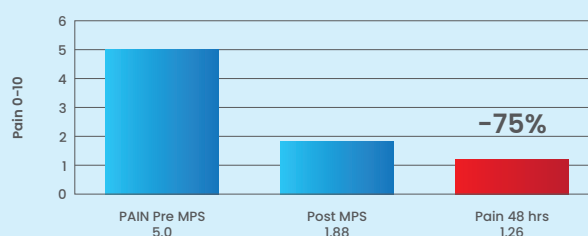
MPS combined with massage improved pain outcomes 81% (JYPT). MPS combined with Physical Therapy improved Outcomes 104% (RehabReport).

## MPS Applied to Low Back Acupuncture Point for Non-Specific NECK Pain N=34

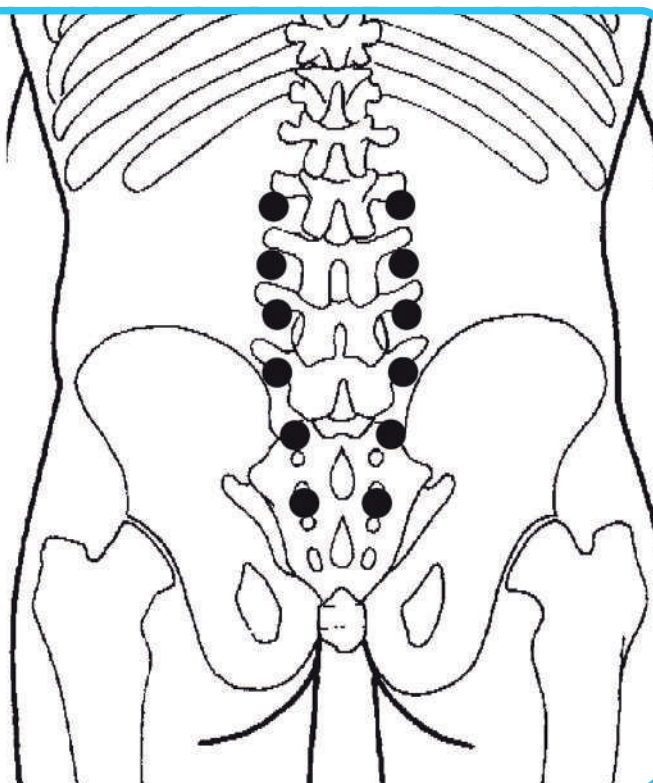


JCAM: Pain Reduced 68% (95%CI) Post MPS, & 80% (95%CI) 48hrs Later.

## MPS Applied to Low Back Acupoints for Back Pain N=68



MPS Applied to Standard Protocol Reduced Bank Pain 75%



Paraspinal Release

# Treat Pain & Stress Under 5 Minutes

## MPS Applied to Battlefield Acupuncture Protocol

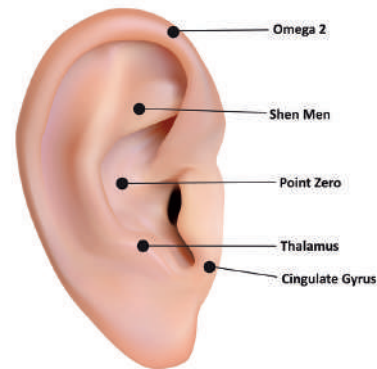
For the busy clinic or those on the go! MPS applied to BFA protocol (<5 min) is a proven winner. BFA stress reduction has incredible ripple effects throughout the body. The simplicity, speed and positive outcomes of MPS-BFA application makes this approach attractive to a high volume or homecare practice.

Five Points under Under 5 min: Reduced Sympathetic stress 27% and cortisol -14%, improving HRV an incredible 42%. Vagal-healing (parasympathetic) response increased 56%, higher than after a one hour massage. Exercise tolerance V02 max increased 22%, moving patient sample from "sedentary" into "athletic" ranges.

MPS applied to BFA is the perfect "quick fix" for any fast paced clinic setting



Battlefield Acupuncture Protocol



| Marker             | Norm    | Pre     | Post    | % Change | 95%CI   |
|--------------------|---------|---------|---------|----------|---------|
| HRV                | >780ms  | 1577.38 | 2239.75 | +42%     | P=0.037 |
| Stress             | <180ms  | 145.88  | 106.75  | -27%     | P=0.042 |
| Vagal Tone         | >220 ms | 412.35  | 643.25  | +56%     | P=0.029 |
| Exercise Tolerance | >40ms   | 43.38   | 52.88   | +22%     | P=0.017 |
| Cardiac            | >40vs   | 44.9    | 66.41   | +48%     | P=0.008 |
| Diabetic Insulin   | <33ms2  | 25.38   | 16.13   | -36%     | P=0.32  |

# Successfully Treat Pain: Apply MPS to Scars

Scars and trauma have long been recognized in neural therapy as a source of chronic pain as a result of Autonomic Nervous System upregulation (stress). They are now known to affect stress, fascia and form adhesions, all of which cause pain & disease.

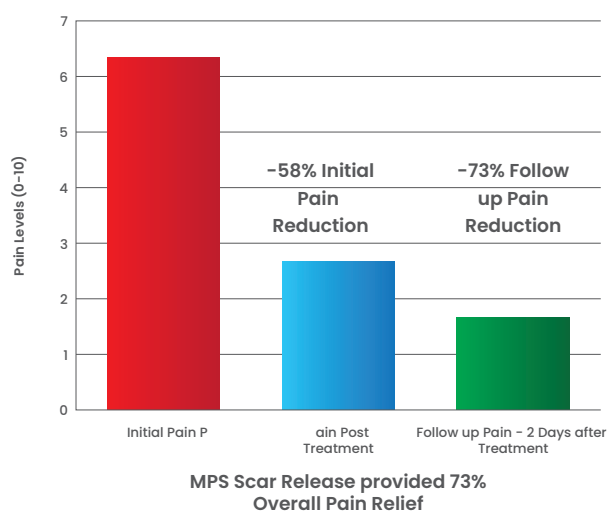
Applying MPS through scars re-establishes metabolism, releasing fascia, stress & pain.

Scars have systemic influence on chronic pain! Science now reports 90% of pain caused by scars is located distally. Scars & traumas play a significant catalytic role in the current chronic pain crisis throughout the USA. Research reports 73% pain relief after MPS-Scar Release (JCNCB).

**If you're not treating scars, HOW are you treating pain?**

| Scar Location    | Total No 51 | Percentage 100% |
|------------------|-------------|-----------------|
| Abdomen          | 31          | 60.70%          |
| Knee             | 8           | 15.6%           |
| Hernia (abdomen) | 3           | 5.88%           |
| Ankle            | 3           | 5.88%           |
| Breast           | 2           | 3.9%            |
| Neck             | 2           | 3.9%            |
| Wrist/Hand       | 2           | 3.9%            |
| Total            | 51          | 100%            |

**MPS Scar Release: Pre-Post -48 Hrs N=51**



| Pain Location      | Total No 51 | Percentage 100% |
|--------------------|-------------|-----------------|
| Back               | 20          | 39.2%           |
| Neck               | 9           | 17.6%           |
| Shoulder           | 8           | 15.6%           |
| Scapula (shoulder) | 1           | 1.96%           |
| Hip                | 4           | 7.85%           |
| Finger/Hand        | 3           | 5.88%           |
| Abdomen            | 3           | 5.88%           |
| Arm                | 1           | 1.96%           |
| Knee               | 1           | 1.96%           |
| Total              | 0           | 100%            |



# MPS Pain Education

## A NEW approach to Treating Pain & Stress

MPS Education is a scientifically documented breakthrough for the treatment of pain and stress.

By combining proven stress relief of MPS with outside-the-box protocols, MPS can produce superior outcomes other approaches can only dream of. MPS is ushering a new era for human health and healing. Learn how to reduce pain & stress in just one weekend!

### MPS Pain Therapy

An Evidenced-Based Pain Seminar

**2 Days Only \$299.00**

To Register:

[www.MPScourses.com](http://www.MPScourses.com)

**CE Credits Available to:  
PT/PTA, OT/OTA, LMT, AC  
Call for Details**

### Other MPS Seminars:

Scar/Trauma Therapy - \$399.00

Shoulder-Knee-Jaw Circuits - \$399.00

Auricular EAR therapy - \$399.00

Women's Health - \$299.00

Concussion/Brain Health - \$999.00



**Dolphin**  
Neurostim



**CENTER FOR PAIN  
& STRESS RESEARCH**

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