

#### ABOUT LAWRENCE GOLD CERTIFIED HANNA SOMATIC EDUCATOR

Practicing since 1990. One of the original practitioners trained by Thomas Hanna, Ph.D..

Two years (1997-1999) on-staff at the Wellness and Rehabilitation center of Watsonville Community Hospital. Author of numerous articles and five books. Trainer of practitioners. Creator of Somatics on the Web (somatics.com).

#### WORDS FROM EXPERIENCED CLIENTS

"My horrible sciatica and lower back pain was ruining my life. I hurt all the time. I tried chiropractic, massage, and pain killers. Nothing worked. Lawrence Gold got rid of my sciatica and chronic low back pain.

Samantha Swann., equestrian, Warrenton, VA

Lawrence, I've got to tell you that the exercises in the back book you sent me (**Free Yourself** from Back Pain, by Lawrence Gold) are absolutely working wonders. This is really something!

Glen Baird

#### **OTHER CONDITIONS**

"I'm a total believer since it worked for me. A splitting headache caused by stress and pressure on the job disappeared after only minutes of treatment by Lawrence Gold." S. Marmann, President, EDI Datasystems San Rafael, CA

"Oh, wow, my neck has so much more movement, now!" Debora Lloyd, teacher, Santa Fe, NM

#### Osteopath's letter about Lawrence Gold and about Hanna Somatic Education

This is a letter to recommend Mr. Lawrence Gold in the highest regard. Lawrence is, by training, a massage therapist and a certified Hanna Somatic Educator. He has worked at the Wellness and Rehabilitation Center since my coming there in August, 1996. He has assisted us in treating a very diverse and multiple-injured patient population. The majority of the patients seen at the Wellness Center are those who have usually defied a diagnostic agreement amongst physicians.

His utilizing Hanna Somatic Re-education has allowed these patients to regain what the chronicity of their injuries has taken from them.

Lawrence's treatment techniques and keen eye in evaluation have been a key modality to restore balance to these altered systems. Lawrence's ability to diagnose, educate, and restore a better understanding with patients is his best attribute. He is well written, well-spoken, and is an asset to have as a key staff member in a multi-disciplinary approach to musculoskeletal injury and chronic pain.

In closing, I recommend Mr. Lawrence Gold with the highest regard and would be happy to speak to any of those reading this letter in person in more detail.

Sincerely yours,

Janine M. Talty, Doctor of Osteopathy, M.P.H., Biomechanics Watsonville Community Hospital, California, (831) 768-8095

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Somatic education is not only something new and unexpected. It is something of momentous consequence: It entails a basic transformation in our understanding of the human species and of the capacities of the human individual. That which we have believed to be unchangeable in the human creature has been discovered to be not, after all, so unchangeable. Such a discovery amounts to a reassessment of the nature of ourselves and of humankind.

> Thomas Hanna, Ph.D. founding director The Novato Institute for Somatic Research and Training

Hanna Somatic Education®

Free Your Back

**Somatic:** pertaining to the body experienced and controlled from within

Lawrence Gold Certified Hanna Somatic Educator

> 808 573-3355 somatics.com/gold.htm

# Complete relief in fewer than five sessions. A new approach puts you in control.

## THREE MAJOR TYPES OF PAIN COME FROM BACK MUSCLE TENSION

Management of back pain remains a challenge for contemporary medicine, but has been essentially solved as a problem, through one approach: somatic training.

Low back pain, degenerative disc disease (bulging discs), and sciatica come from tensions held in the back muscles. The different types of pain have different origins (muscle pain, joint pain, and nerve pain), but all types decrease or disappear as back muscles relax. Somatic training immediately improves comfort and mobility in a few sessions.

## SOMATIC TRAINING

Somatic training, a close relative of biofeedback training, improves control of muscles and movement. Somatic training, however, works faster than biofeedback. Usually, five training sessions or fewer are sufficient for longterm relief.

Through movement-based training, clients improve their muscular control enough to relax the muscular contractions that cause back pain.

## TRAINING vs. MANIPULATION

Because the brain is the master-control organ of the muscular system, the brain's conditioning be taken into account when dealing with muscular conditions. Drugs, massage, stretching, traction and other manipulation-based approaches that do not directly change brain conditioning typically bring immediate but only temporary relief of pain. Somatic training is a brain-based (but not thinking or visualization-based) approach that uses patterned movements to retrain the brainmuscle connection. For that reason, lasting improvements typically come quickly and recurrence of the complaint is unlikely.

# LOW BACK PAIN

While muscle relaxant drugs, exercises, heat, massage and electrical stimulation relieve back pain temporarily, somatic training brings stable



improvement or complete relief in a few sessions.

The role of muscular tension in low back pain is recognized, but often misunderstood as weakness of back muscles. If is far

more common for muscles to be over-contracted, fatigued and sore than it is for them to be too



than it is for them to be too weak. Fatigued muscles feel weak, but are weak only from fatigue and quickly regain strength upon relaxation. Muscle spasms occur when muscles are chronically overcontracted.

Over-contracted muscles restrict breathing, "grab" with

movement, and produce immobilizing pain. Tight shoulders and headaches often accompany overcontracted back muscles.

As an approach that alleviates chronic muscular tension, somatic training has consistently been found to be effective for ending chronic low back pain.

# DEGENERATIVE DISC DISEASE

When back muscles over-contract, they pull neighboring vertebrae (bones of the spine) together too hard and over-compress the discs that separate them. Over time, these mechanical pressures combined with movement lead to disc bulges and eventual breakdown. Nerve entrapment and pain often result.

Once back muscles relax, the pressure comes off the discs and they can heal. Although significant relief of symptoms typically comes immediately, complete relief



may sometimes take some weeks after completion of a course of sessions. Specific selftraining exercises are usually given to assure and speed complete recovery.

## SCIATICA



Sciatica is a "pinched nerve" condition that causes pain down the back of the leg that may go into the foot. As back muscles relax, the pinch comes off the nerve roots where they exit the spine or pass through the buttock.

Somatic training has consistently been found effective for longterm strength, security, and comfort in movement.