

FOR MORE INFORMATION OR TO BOOK AN APPOINTMENT



*The safe and effective way to eliminate pain.*



## WHAT IS LASER THERAPY?

The technology utilizes superluminous and laser diodes to irradiate diseased or traumatized tissue with photons. These particles of energy are selectively absorbed by the cell membrane and intracellular molecules, resulting in the initiation of a cascade of complex physiological reactions, leading to the restoration of normal cell structure and function.

The process is curative and therefore results in the elimination of symptoms, including pain. In addition, it enhances the body's immune response and facilitates natural healing. No adverse effects have been experienced, indicating that the therapy is completely safe.

Laser Therapy is highly effective in the treatment of musculoskeletal conditions, arthritis, sports injuries, wound healing and a wide range of dermatological conditions. BioFlex Therapy Systems are currently being used in over 50 countries by a broad spectrum of healthcare professionals including physicians, physiotherapists, chiropractors, naturopaths, dentists, veterinarians, athletic trainers, etc.

It should be noted that Laser Therapy represents the first advance in rehabilitation science since the introduction of ultrasound, interferential current, tens, etc. and is rapidly replacing those modalities. Moreover, it provides treatment alternatives for patients that have not responded to conventional treatments and can be administered without risk in the treatment of many disease entities. Generally it obviates the need for pharmaceutical solutions and frequently makes surgical interventions redundant.

Meditech maintains many educational programs, including a *Laser Certification Course*. The latter qualifies therapists to operate the systems in order to produce optimal clinical results.

In addition, the company sponsors a bi-annual International Conference and periodic *Master Class Training Sessions* for specialty applications.

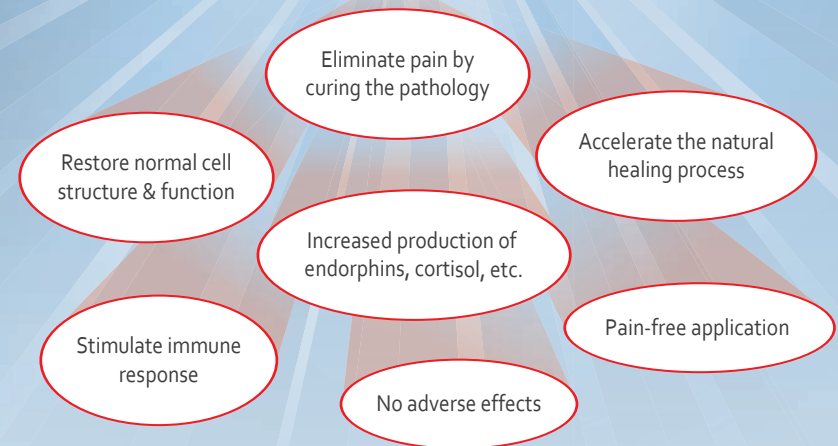
*Laser Therapy is the most significant breakthrough I have ever experienced in the resolution of pain.*

Carol R. -Bioflex Laser Therapy Patient

# tion is Your Choice

## ... or Laser Therapy

CLINICALLY PROVENTO:



# Your Medical Solution

## A cascade of pills ...

THIS APPROACH MAY MASK SYMPTOMS BUT ALSO RESULT IN:

Gastrointestinal problems including hemorrhage

Hypertension

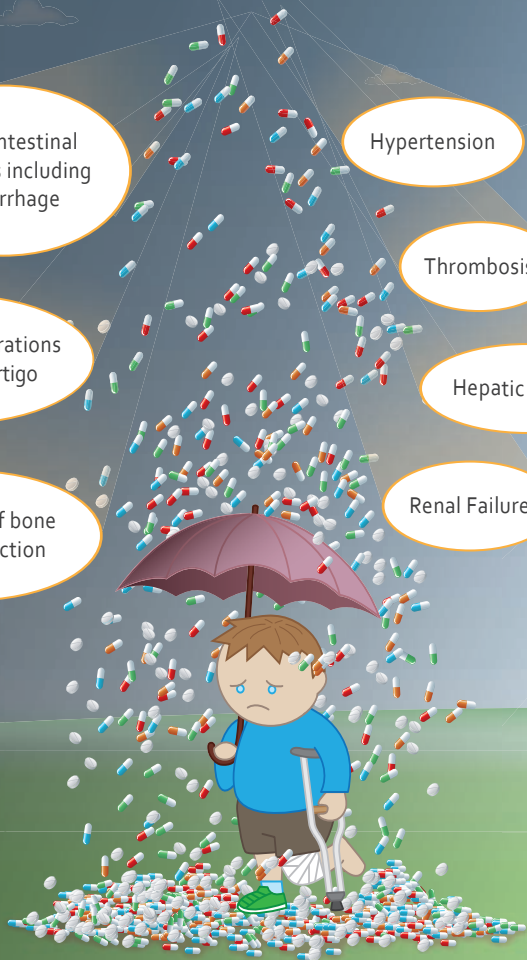
Neurological aberrations - headaches, vertigo

Thrombosis

Hepatic Toxicity

Depression of bone marrow function

Renal Failure



*There is no other system in the world that is comparable or gets such outstanding results.*

Dr. Len Rudnick Director, Laser Therapeutics of Southern Arizona

A summary of patient benefits includes the following:

### SOFT TISSUE AND SPORTS INJURIES

- Ligament/tendon/muscle tears
- Knee Dysfunction(meniscal/ligamentous tears)
- Fractures

### REPETITIVE STRESS INJURIES

- Carpal Tunnel Syndrome
- Rotator Cuff Injuries
- Epicondylitis

### INFLAMMATORY CONDITIONS

- Tendonitis (supraspinatus/achilles etc.)
- Plantar Fasciitis
- Rheumatoid Arthritis

### BACK PROBLEMS

- Degenerative Osteoarthritis
- Spinal Stenosis/Sciatica
- Disc Herniation
- Myofascitis

### DERMATOLOGICAL CONDITIONS

- Eczema
- Psoriasis
- Herpes (Post-herpetic Neuralgia)
- Dermatitis

### NEUROLOGICAL CONDITIONS

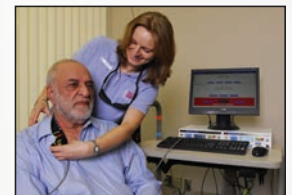
- Neuropathies
- Reflex Sympathetic Dystrophy
- Multiple Sclerosis

### WOUNDS & DERMAL ULCERS SECONDARY TO

- Compression
- Trauma
- Atherosclerosis
- Diabetic
- Venous Stasis

### OTHERS

- Temporo-mandibular Joint Dysfunction
- Lymphedema
- Gout
- Fibromyalgia



## PHYSIOLOGICAL & CLINICAL EFFECTS OF LASER THERAPY

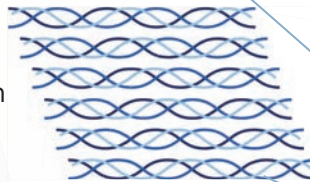
### Angiogenesis & Neovascularization

An increase in oxygenated blood to the injured tissue accelerates tissue healing.



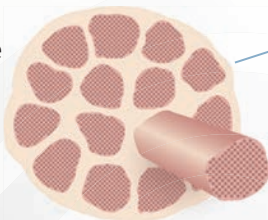
### Collagen Production

Proper alignment and remodeling of collagen reduces internal scar formation and enhances tissue elasticity.



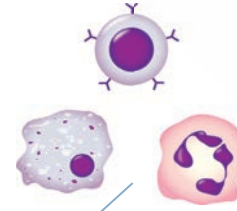
### Muscle Regeneration & Muscle Atrophy

Repair of damaged muscle fibers and activation of myogenic satellite cells leads to regeneration of muscle tissue.



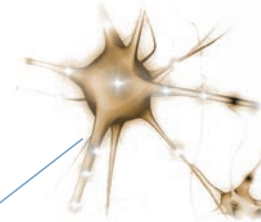
### Inflammation & Edema

Increase in inflammatory mediators such as macrophages, neutrophils and lymphocytes accelerates and resolves the inflammatory process.



### Nerve Regeneration

Proliferation of growth factors promotes neuronal sprouting and myelin formation for optimal nerve recovery.



### Cartilage Production

Increase in chondrocyte and collagen production allows for improved cartilage deposition and joint function.



### Bone Formation

Proliferation of osteocytes and remodeling of bone extracellular matrix results in accelerated bone repair.

