

BENEFITS OF PBMT: SYSTEM BY SYSTEM



INFLAMMATION

Inflammation reduced by the stimulation of inflammatory mediators such as macrophages, neutrophils, and lymphocytes, as well as the reduction of harmful free radicals



VASCULAR SYSTEM

Increased angiogenesis and neovascularization improves circulation, reduces swelling, and improves lymphatic drainage



PAIN MANAGEMENT

Substantial and longer-lasting pain reduction by decreasing bradykinin, releasing endorphins, normalizing ion channels, and decreasing nerve sensitivity



NERVE TISSUE

Increased proliferation of the growth factors that promote neuronal sprouting, which improves nerve function and regeneration



CELLULAR HEALTH

Cellular performance enhanced by the stimulation of certain enzymes directly related to greater oxygenation, cellular synthesis, and intercellular exchange



IMMUNE SYSTEM

Immunoregulation boosted by the direct stimulation of immunoglobulins and lymphocytes



STEM CELL GROWTH

Increased proliferation of stem cells, which enhances the body's healing processes



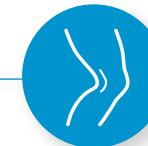
SCAR TISSUE

Enhanced collagen production reduces the formation of scar tissue and related pain resulting from repetitive motion injuries, cuts, scratches, burns or surgery



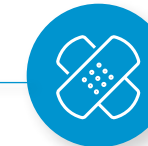
JOINT HEALTH

Cartilage health is optimized by an increase in chondrocyte and collagen production, which improves cartilage deposition and joint function



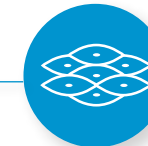
INJURIES

Stimulated fibroblast formation in damaged tissue leads to an accelerated and more efficient healing process



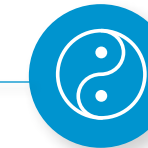
MUSCLE TISSUE

Deep tissue penetration stimulates cellular reproduction and growth, resulting in the repair of damaged muscle fibers and activation of myogenic satellite cells



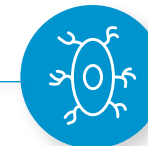
HOLISTIC THERAPIES

PBMT is effective in eliminating painful trigger points and is an excellent alternative to acupuncture therapy



BONE HEALTH

Proliferation of osteocytes and remodeling of bone extracellular matrix allows for accelerated, more efficient bone repair



PATHOLOGIES

Both acute and chronic pathologies respond well to the photochemical mechanisms of PBMT, contributing to an improved quality of life

