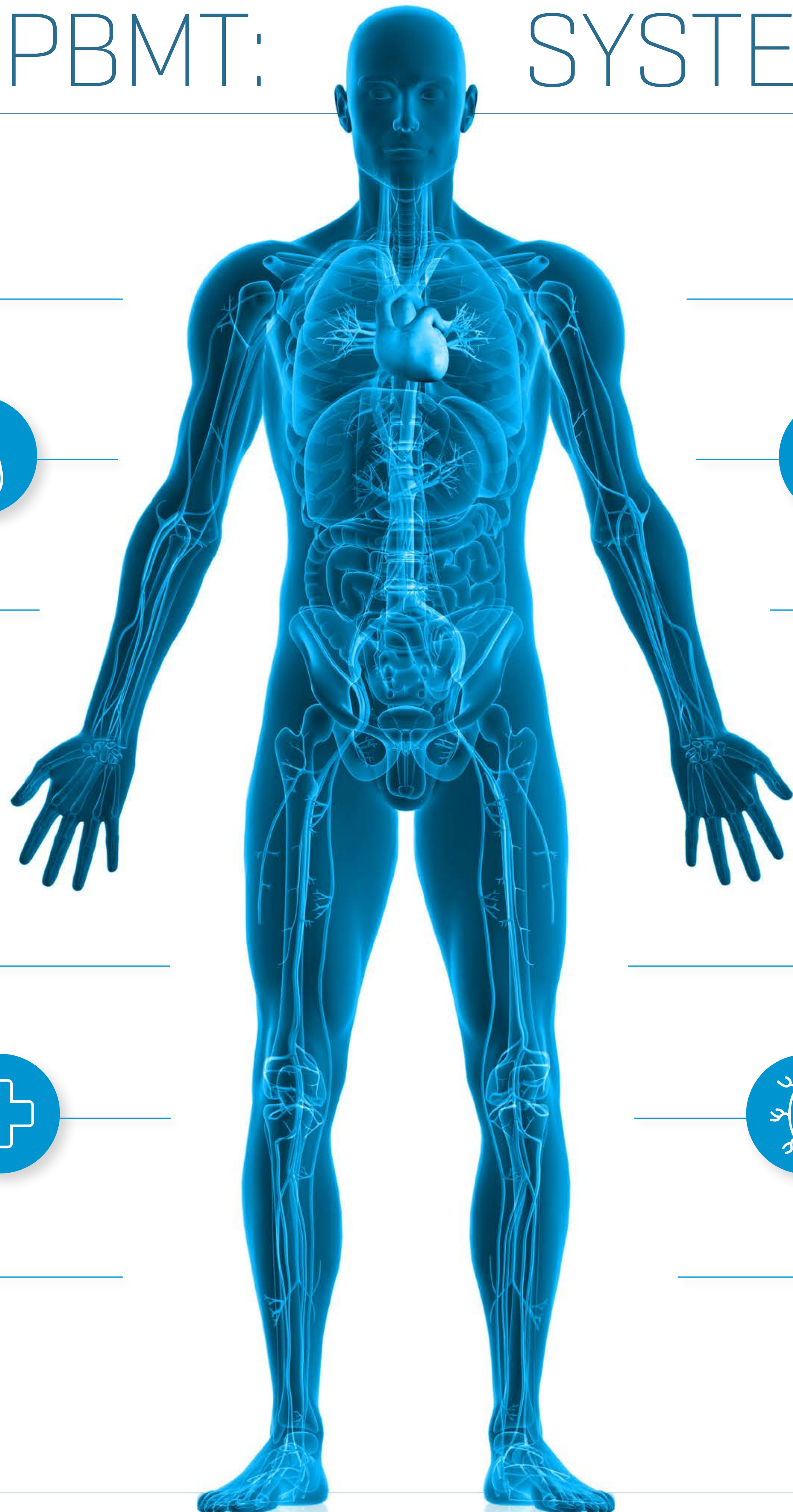


# BENEFITS OF PBMT: SYSTEM BY SYSTEM



## INFLAMMATION

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



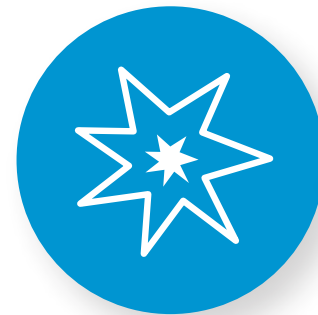
## VASCULAR SYSTEM

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



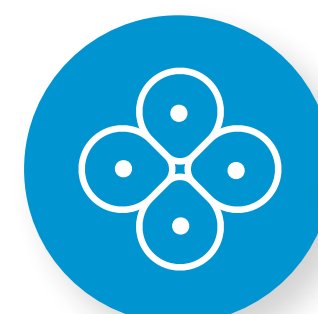
## IMMUNE SYSTEM

Immunoregulation boosted by the direct stimulation of immunoglobulins and lymphocytes



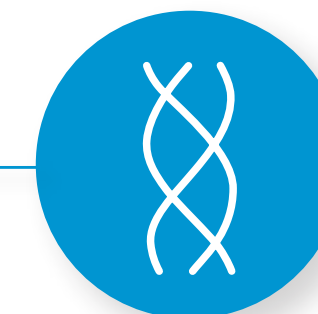
## STEM CELL GROWTH

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



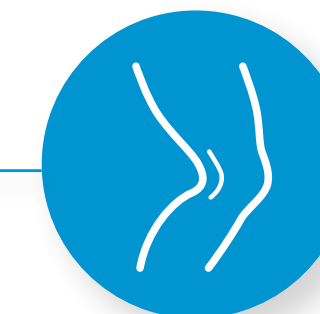
## SCAR TISSUE

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



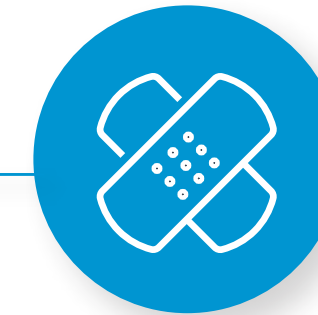
## JOINT HEALTH

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



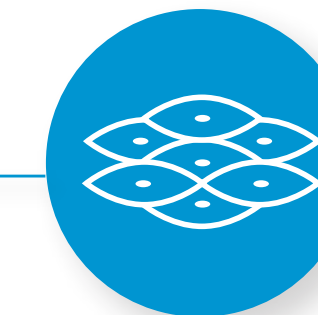
## INJURIES

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



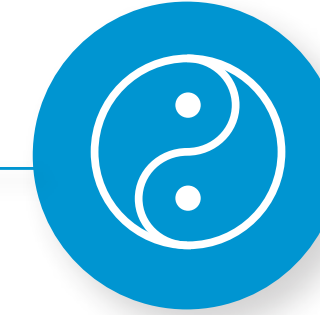
## MUSCLE TISSUE

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



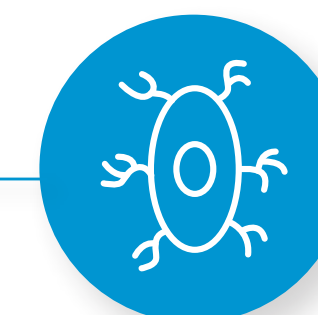
## HOLISTIC THERAPIES

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

