

SUPERMA

MEDRAY CLASS IV LASER

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Biological Effects

Accelerated Tissue Repair And Cell Growth

Cells of cartilage, bone, tendons, ligaments and muscles are repaired faster as a result of exposure to laser light.

Reduced Fibrous Tissue Formation

This point is paramount because fibrous (scar) tissue is less elastic, has poorer circulation, is more pain sensitive, weaker, and much more prone to re-injury and frequent exacerbation.

Anti-Inflammation

Laser light therapy has an anti-inflammatory effect reducing caused by biomechanical stress, trauma, overuse, or systemic conditions.

Analgesia

Laser therapy suppresses nerve signals that transmit pain to the brain.

Improved Vascular Activity

Laser light will significantly increase the formation of new capillaries in damaged tissue.

Increased Metabolic Activity

Laser therapy creates higher outputs of specific enzymes.

Improved Nerve Function

Laser therapy accelerates the process of nerve cell regeneration.

Stimulates Trigger Points and Acupuncture Points

Laser therapy stimulates muscle trigger points, restoration of muscular tonus and balance.

