




**Photobiostimulation:**

The laser light interacts with cells, particularly the mitochondria, which are responsible for energy production within the cell. This interaction boosts cellular activity and stimulates the release of endorphins, the body's natural painkillers. 

**Increased Circulation and Oxygenation:**

Laser therapy helps increase blood flow to the treated area, delivering more oxygen and nutrients to the damaged tissue, which is crucial for healing. 

**Reduced Inflammation:**

The laser light helps regulate the release of inflammatory chemicals, reducing swelling and pain associated with injury or surgery. 

**Accelerated Healing:**

By stimulating cell activity and promoting blood flow, laser therapy can help accelerate the body's natural healing process. 

**Pain Relief:**

The release of endorphins and reduced inflammation contribute to pain relief. 