



**MEDRAY**

Premium Class IV Lasers

# CLASS IV LASER

## How It Works

When your physician recommends Class IV laser therapy, your body is going to experience an **immediate sense of pain relief, accelerated healing and decrease in inflammation.**

### The Power of Class IV Laser Therapy

Class IV laser therapy utilizes an infra-red electro magnetic energy. It is extremely safe and patients often feel a mild warming sensation.

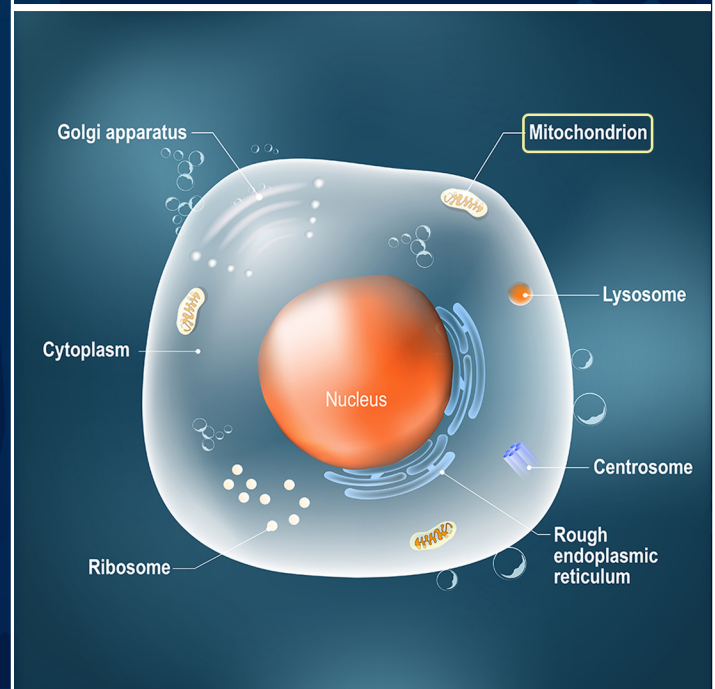
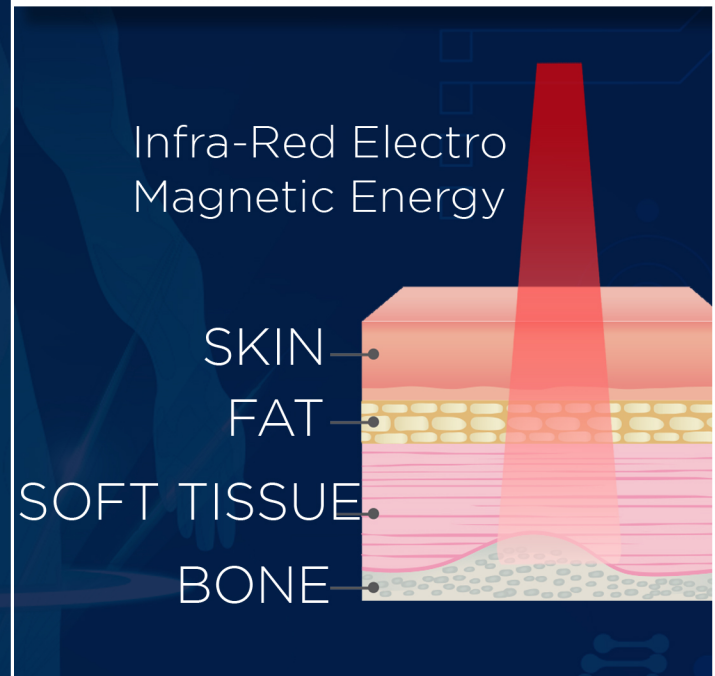
When the laser light source is placed against your skin, photons penetrate several centimeters down and are absorbed by the mitochondria (the energy producing part of a cell).

### The Importance Of Cell Regeneration

Simply put, healing is only possible with the regeneration of cellular energy.

Research shows tissues targeted by High Power Laser Therapy are stimulated to increase production of a cellular enzyme that is critical to the production of ATP (the currency of chemical energy in living cells)

This is the photo-chemical effect of High Power Laser Therapy.



Anatomy of a Cell