

Safety

Relieve pain and suffering and above all else, **DO NO HARM...**

We at LazrPulsr System consider **SAFETY** to be the **FIRST** and **PRIMARY** above all else. Therefore we take great measures to insure that the LazrPulsr Therapy Systems are among the safest therapeutic lasers on the market today.

Bacteria

Many people feel that any therapy that can accelerate the rate of tissue healing and regeneration may pose a threat if unknowingly utilized over areas of cancer or infections.

Light therapy has a biomodulating effect on living tissue. This means that it can turn a cell on or off, or activate or inhibit cellular and or tissue functions. The determining factor is in the wavelength of energy used and the tissue being illuminated.

The LazrPulsr 4X has the ability to stimulate or heal the damaged tissue around a wound while at the same time inhibit the growth of bacteria and pathogens in the same wound making the LazrPulsr 4X not only safe to use for wound healing but a therapy of choice. It accomplishes this through the following means.

Wavelength:

Bacteria, as a general rule, are inhibited or turned off by wavelengths in the visible range. Specifically, the 635nm wavelength has been shown to inhibit the growth of almost all pathological bacteria. Other wavelengths cannot make this claim, in fact many of the infrared wavelengths will significantly stimulate the growth of many bacteria.

Mammalian tissue, (all mammals including humans) as a rule, is turned on or activated by the visible red spectrum of 635nm light. Also as a general rule, some human tissues can be turned off or inhibited by certain wavelengths in the infrared range. Therefore other infrared therapy lasers can unknowingly inhibit specific functions or cells of the body.

Frequency:

The frequency or number of times the laser is turned on and off in one second can also modulate tissue and cells. Research has demonstrated that specific pulsed frequency can dramatically improve the healing of a wound while at the same time inhibit the growth of specific bacteria. The LazrPulsr 4X has been programmed with many frequencies that will stimulate and help heal the sick and injured cells of the body while at the same time inhibit and prevent the spreading of disease bacteria and other microorganisms.

Cancer:

The LazrPulsr 4X is not intended for the treatment or management of cancer. However, cancer patients can safely utilize the LazrPulsr 4X for pain relief. Cancer cells are recognized by their ability to reproduce itself quickly. Research has demonstrated that 635nm wavelength energy will not increase that activity higher than it already is.