

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.

Heat / Organs

The build up of heat has an adverse effect on human tissue increasing the healing time and increasing the amount of swelling and inflammation. Excessive heat can cause tissue injury resulting in neurological dysfunction, tissue damage and even tissue death resulting in abscess and infection. The majority of the therapy lasers sold in the U.S. are infrared Class IIIb or Class IV lasers. These lasers are all thermal or lasers that produce heat. This is why you are never allowed to use these lasers above the shoulders, over the thyroid, testes, ovaries, or on the spine and never over a fetus. Heating any of these tissues can lead to significant injury for the patient.

The LazrPulsr 4X is a true Low Level Laser which by definition means that regardless of how long it is utilized on one local area it can not raise the temperature of that tissue by more than 1 degree Centigrade. The LazrPulsr 4X series of therapy lasers are Class IIIa lasers using visible red wavelength that will not significantly raise the temperature of the skin or any surrounding tissue. This makes the LazrPulsr 4X therapy systems extremely safe to use over any area of the body with the only exception being the eyes.

The reason for this major difference in heat is simple.

Different forms of laser therapy have different methods of stimulating the body. An infrared laser is a thermal laser which means that it is designed to raise the temperature of specific tissues to elicit a reaction in that tissue being treated.

Where as the LazrPulsr 4X was designed to deliver and manage information in the body. This takes much less energy than warming tissue requires and heating tissue is very counterproductive for this form of therapy.