How Laser Assisted Fat loss Works

1 Adipocytes at rest

2 The Laser energy starts to irradiate the adipocytes

3 Pores have formed on the adipocytes allowing contents to spill out.

4 Water Glycerol and Free Fatty Acids are released from the adipocytes
5 Continues to flow out.

6 As the treatment continues, water, glycerol and free fatty acids enter the interstitial space.

7 These components are carried away by the Lymphatic system

8 The Adipocytes are at rest.
**Where Does the Fat Go with the Lipo Laser**

**Free Fatty Acids**
Once the Free Fatty Acid leaves the fat cell, it enters the space between the cells. It is then absorbed by the lymphatic system, (sewer system) bound to the albumin, transported via lymph vessels to the lymph nodes, broken down via lipoproteins, and dumped into the circulatory system where the fats can then be processed by the liver (Fatty Acid Oxidation).

**In the Liver**, some of the Free Fatty Acids are converted to triglycerides in the liver and returned to the blood. Without a statistically significant increase in cholesterol levels. Some Free Fatty Acids combine with Oxygen to produce energy. The fat can then be used as energy anywhere there is energy needed. The ultimate destination of the released Fatty Acid is to the mitochondria of your cells that require energy. The Mitochondria is the powerhouse of every cell.

**Glycerol**
The liberated Glycerol goes into the blood and goes through a dilution process. Glycerol will diffuse widely and rapidly throughout the total body water, disappears from the blood stream and appears in urine. The time before glycerol disappears is estimated to be about 30 mins. Glycerol is hence rapidly excreted in the urine. Additionally, after being released from the Fat cells, glycerol is passed through the bloodstream for return to the liver for conversion into a useful energy source - Glucose.

**Same as Exercise!**

---

**Trent Mozingo D.C.**
3780 W Jonathan Moore Pike, Columbus, IN 47201
tdmozingo@gmail.com
(812) 799-0668