WHERE DOES THE FAT GO:

1. Zerona is not a photo thermal laser like most lasers on the market but a photo chemical laser that uses light energy to create a chemical reaction with the cell.
2. The fat cells in our body are the only cells that expand 100 times their original size.
3. On each of these cells are a number of photo receptors.
4. When the low level light hits these receptors, it activates those receptors which results in an increase of reactive oxygen species (ROS) which reacts with the protective barrier of the cell and creates a transitory pore.
5. When this happen the fat seeps out of the cell, the cell collapses and the fat (triglycerides) release into the intercellular space.
6. This space is made mostly of water.
7. As we know when you put oil into water the oil will bead up and then float to the top.
8. This happens because the fat (triglyceride) molecules are larger than the water molecule.
9. In order for the fat to be eliminated from the body those fat (triglyceride) molecules need to break down so they are small enough to enter the circulatory system to leave the body.
10. Triglycerides contain three fatty acid chains. Like I said before this structure is too large and complex to move into the circulatory system.
11. The lymphatic system is then activated and releases an enzyme called lipase which cleaves the triglycerides into individual chains of free fatty acids which are then small enough to enter the circulatory system.
12. They make their first pass through the liver in this process as the main function of the liver is to filter harmful substances and to break down fats.
13. Since this fat was already digested, it will not go back into the digestive system so the fat is not excreted through the bile.
14. Instead once it is broken down it either becomes metabolic fuels for energy and goes to the brain, organs or muscles, or is excreted through your sweat or through the kidneys and is eliminated in your urine.