**635nm Red Laser Studies Index**

1. 2002, MRI T2 weighted scan showing **635nm Erchonia handheld can effect superficial and subcutaneous fat tissue**, published in ‘The American Journal of Cosmetic Surgery’
2. i) 2002, **Low Level Laser Assisted Liposuction**, using 635nm Erchonia handheld before Liposuction. Results showed improved contour, smoother surface, good skin retraction with more rapid post operative recovery. Published in Aesthetic Surgery Journal

ii) 2004, **Low Level Laser Assisted Liposuction**, using

635nm Erchonia handheld before Liposuction submitted for

FDA clearance and published in ‘The American Journal of

Cosmetic Surgery’. Results as in 2)i)

1. 2002, Fat Liquefication: **Effect of 635nm Erchonia handheld LLLT energy on adipose tissue** – Looking at mechanism of action, structural integrity of cell, emulsification of tryglicerides
2. 2009, 635nm FDA cleared study - Erchonia handheld used to show effectiveness for **reducing pain post breast augmentation**, published in ‘The American Journal of Cosmetic Surgery (2009)’
3. 2009, Biphasic Dose Response in LLLT, University of Massachusetts – Gives you an understanding of **how Low Level laser works**, evidence, dosage, absorption, cellular/tissue response