



## Felipe Massignan

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### Biography

Felipe Massignan is a plastic surgeon member of Brazilian Society of Plastic Surgery in the federal district and American Society of Plastic Surgeons (ASPS). He is an enthusiastic medical doctor in his expertise, adding current technical concepts with artistic skills that have been developed since the beginning of his career. He especially distinguishes himself in body contouring plastic surgeries. He has been seeking to improve his professional development in major Centres around the world. Currently, he has virtually become a reference in his field by using ultrasound liposuction in high definition.

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## SAFETY EVALUATION OF VASER® IN LIPOSUCTION SURGERY FOR BODY CONTOURING IMPROVEMENT

**Statement of the Problem:** Historically, many approaches have been used to remove adipose tissue during liposuction. All through the normal refinement process, upgrades were accomplished by refining different parts of the methodology, for example, careful procedure, cannulas and the utilization of adjuvant devices. "In this perspective, it is a stroll without an end goal". There are no specific goals, only goals to overcome. Traditional liposuction still faces the problem of being often a strenuous procedure and considered by some surgeons with as a technique without much refinement. In this sense, any initiative capable of generating load reduction and mechanical stress is a potential optimizer or results. The third-generation ultrasonic device VASER® (vibration amplification of sound energy at resonance), is intended to bring greater safety and satisfactory results, especially in the quest for higher definition and superficial liposuction.

**Methodology & Theoretical Orientation:** A retrospective study was performed by Analyzing the medical records of patients who underwent liposuction procedure to improve body contour with the aid of VASER®, from January 2015 to June 2017, at Santa Monica hospital Centre. Surgical complications were evaluated and compared with the available medical literature.

**Conclusion & Significance:** The medical literature, as well as our analysis, seems to demonstrate that the use of VASER® in liposuction procedures for improving body contouring presents as a safe approach with low rates of complications. The potential risks of using an ultrasonic device, such as overheating leading to tissue ischemia, are mostly believed as result of inappropriate device use.



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