

# Abstracts

## RF/microwave-aided tumescent liposuction

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*A. Rosen, D. Rosen, G.A. Tuma and L.P. Bucky. "RF/microwave-aided tumescent liposuction." 2000 Transactions on Microwave Theory and Techniques 48.11 (Nov. 2000, Part I [T-MTT] (Mini-Special Issue on RF/Microwave Applications in Medicine)): 1879-1884.*

Liposuction is the most popular method of body contouring, and constitutes a major part of reconstructive and cosmetic-surgery procedures performed today. New methods have been developed to reduce the risk of discomfort and recovery time for patients, while increasing ease and efficiency for surgeons. These advances are in response to the increased demand for the procedure. The application of RF/microwave-aided liposuction (MAL) may reduce some problems associated with standard mechanical liposuction, specifically removing fibrous tissues or secondarily scarred tissues and thus reducing perioperative bleeding. Preliminary results of ex-vivo studies using surgically excised human fat tissue utilizing an RFMAL system have shown encouraging results.

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