Nikolay Serdev, J Clin Exp Dermatol Res 2014, 5:4
http://dx.doi.org/10.4172/2155-9554.S1.013

OMICS Group Conferences
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3rd International Conference and Exhibition on
Cosmetology & Trichology
July 21-23, 2014 Hampton Inn Tropicana, Las Vegas, USA

UAL Remodeling to obtain straight and elongated legs

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The surgical use of ultrasonic energy for liposculpture is a selective destruction of the adipose tissue (its fluid fraction=90% of its volume). We have used "sculpture", SMEI s.r.l., Italy since 1994. It is producing low range ultrasounds kHz 20 - 40. The chemo-physical effect of strong sound waves in a fluid acts: 1) a micromechanical effect - violently displacing intracellular molecules, breaking up of chromosomes and missing DNA duplications, 2) a cavitation phenomenon with cellular fragmentation and lipolitic action, 3) thermal effects - restrained extremely. We use 4-6 minutes energy application per ca. 200 cc adipose tissue. Vascular and nervous structures remain undamaged. Indications are: beautification, cellulite, adiposity, lipodistrophy. In our practice we treat 1 to 12 areas at once - face, chicks, fat pads, double chin, body areas: mammary and infra mammary, posterior thoracic, abdomen and pubic, flanks, hips, buttocks, lateral and posterior thigh, medial and anterior thigh, inner knee, calf, ankle, post deltoid etc.). No blood loss could mean unlimited number of areas treated, but the main limitation is the local anesthesia amount per kg body weight. We use local tumescent and additional intravenous monitored anesthesia - mild sedation and i.v. analgesia (opioids - alfetanyl infusion). In the last years we use Vaser in our practice with the same positive effect.

Leg form correction and elongation using ultrasonic liposculpture is done by reducing the fat depots in order to obtain the normal bone-muscle structure form of the normal body, following the aesthetic proportions and principles. The dominant depots spoiling the aesthetic beauty are located at the calfs, ankles, knees, inner thighs, external and dorsal thighs. We use the micromechanical and cavitation phenomenon of the low range ultrasounds KHz 20-40.

Buttocklift and flank reduction also produces optical elongation of the legs. Serdev techniques in UAL are time saving, preventing trauma and bleeding. Post op period is short, no downtime, no or minimal bruising, immediate or very fast return to work and social life.

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