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Water jet-assisted liposuction for patients with lipoedema: histologic and immunohistologic analysis of the aspirates of 30 lipoedema patients.

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Abstract

Lipoedema is a fat distribution disorder causing massive, bilaterally symmetrical enlargement of the lower and in some cases the upper extremities in women. The atraumatic, anatomically appropriate procedure of water jet-assisted liposuction available today represents a promising treatment for these patients who generally suffer from severe subjective and objective impairment. Liposuction treatment can bring long-term improvement if the operative technique focuses on lymph vessel preservation. Immunohistologic analyses show minimal evidence of lymph vessel structures in lipoaspirates. The histologic analysis of the aspirates documents a relatively specific removal ("apheresis") of primarily intact lipocytes with low vascular amount.

Source: <http://www.ncbi.nlm.nih.gov/pubmed/?term=Water+Jet-Assisted+Liposuction+for+Patients+with+Lipoedema%3A+Histologic+and+Immunohistologic+Analysis+of+the+Aspirates+of+30+Lipoedema+Patients>