Intralipotherapy; The non-surgical gold standard in the treatment of localized adiposities

From the introduction of phosphatidylcholine solution in the aesthetic practice until now, in the field of the non-surgical treatment of localized adiposities, many things have changed and evolved. In this decade, thanks to a better understanding of the mechanisms related to the chemical lysis of adipocytes, the introduction of the injection technique called intralipotherapy and the commercial availability of an injectable solution specifically indicated and duly registered (Aqualyx), were outlined the rational guidelines in this kind of procedure. Currently, use of the phosphatidylcholine is considered obsolete by the most experts, from the point of view of efficacy compared to Aqualyx that from the standpoint of the genuineness of the various formulations on the market, with intralipotherapy Aqualyx is to be the most popular and in the running process of international diffusion. In the first 3 year of his release in the market, more than 1,000,000 vials have been used in Europe without any major side effects ever been reported. Clinical and histological studies demonstrate unequivocally the mechanism of action so as to take a number of universities to begin a clinical trial clinical trials on some pathological conditions. First of all in the treatment of volume reduction of the buffalo hump in HIV-infected patients receiving anti-retroviral drugs.

The next future is therefore directed to new indications, new synergistic new associations and a new Aqualyx formulation, more powerful and better tolerated, is already in the process of ministerial certification. The treatment of localized fat is closely linked to the need to reduce the thickness of subcutaneous adipose tissue using methods of mechanical removal or chemical or physical destruction. Currently, the surgical option of liposuction is the most effective method and the primary indication. The hold nonsurgical alternative techniques, by the induction of lipolysis with classical mesotherapy or using of electromagnetic sources such as radiofrequency or laser technologies have failed in obtaining a valuable clinical results. The strong demand for non-surgical treatments is growing compared the more invasive procedures, strongly polarizing attention to techniques that do not involve the use of operating room and anesthesia. Therefore, the reduction of the subcutaneous tissue in localized areas of the body with Aqualyx is certainly, on the basis of the evidence, the absolute gold standard as an alternative to liposuction for those individuals who do not wish to undergo any surgical treatment.

Biography

Raffaele Rauso obtained his medical degree at 24 y.o., after that he performed a 5 years training in Cranio-Maxillo-Facial Surgery at the Second University of Naples (Italy), during that period he also performed 2 fellowships in Plastic Reconstructive and Cranio.Maxillo-Facial Surgery; one at the Universitätsklinik of Basel (Switzerland), and another at the G.S.R. Institute in Hyderabad (India). Once he became consultant in Cranio-Maxillo-Facial Surgery, he obtained a Master’s degree in Aesthetic Surgery at the University of Milan. He has published several papers in the most reputed journals in Cranio-Facial and Plastic Reconstructive Aesthetic Surgery; He is reviewer for several scientific medical journals, and is full member of E.A.F.P.S. (European Academy of Facial Plastic Surgery), and E.A.C.M.F.S. (European Association for Cranio-Maxillo-Facial Surgeons). Nowadays is Associate Professor in Cranio-Facial deformities at the University of Foggia (Italy).

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