

Radiofrequency assisted liposuction- A new technique in the field of aesthetic plastic surgery

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It's known fact that Liposuction is the most commonly performed aesthetic plastic procedure- a procedure that is accepted world wide as a proven body contouring procedure for regional areas like body contouring and large volumes of fat reduction. Over a period of time various surgical methods/ approaches evolved- to begin with Techniques like SAL – Dry technique performed without the infusing of wetting solutions. Wet /tumescent technique, Ultrasonic assisted (UAL), Power assisted liposuction (PAL) Laser assisted liposuction (LAL) and externally applied ultrasonic energy are the techniques that emerged accordingly. The limitations of the above mentioned techniques – in not being precise as there is no closed-loop system to monitor power delivered- skin temperature and total energy delivered. Radiofrequency assisted liposuction (RFAL) uses radiofrequency energy converted from electric energy to dissolve fat cells. The unique feature of this technique is the development of a computer based radio frequency energy system. The device known as INVASIX has one a bipolar radio frequency hand piece and a RFAL computer device – a combination of both external and internal probes. The benefit of this bipolar radio frequency is the ability to quickly and precisely control the depth and direction of energy to the fat blood vessels and dermis. The device allows the following – high speed of treatment, reduced tissue trauma, coagulation of blood vessels, safe application of energy, skin temperature monitoring and uniform heating of skin and subcutaneous layer.

Biography

Lakshmi Saleem graduated in M.B.B.S., from Guntur Medical College in the year 1972. She has done her MS (Surg) & M Ch (Pl Surg) from P G I Chandigarh. Further completed training in Plastic Surgery from U K 1984 for 5 years. She has started a Hospital for Plastic Surgery in Vijayawada since 1984 and also started consultancy practice in Cosmetic Surgery in Hyderabad since 1995. Presently she has confined to Cosmetic Surgery in Hyderabad. She presented 25 papers in National conferences and 9 papers in International conferences. She also conducted 4 workshops in various Cosmetic Surgery procedures and free camps in Plastic & Reconstructive Surgery. She is past President of Association of Andhra Pradesh 2010, Executive member of IPRAS (International Plastic Reconstructive & Aesthetic surgery Association) and Vice President Woman for Woman Association of IPRAS.

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