

# THE ASIAN AGE

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## LIPOSUCTION INNOVATION

# India gets first painless 'fat burning' technology

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MUMBAI

May 25: For the first time, the latest ultrasonic technology for selectively emulsifying fat has reached India. The procedure is also painless, as the patient can stay awake and communicate while being operated.

A panel of cosmetic surgeons invited a Brazilian doctor, who performed an operation using the ultrasound assisted liposuction (UAL). The conventional method of liposuction requires making sizeable holes in the region from which fat is to be removed; it is also a painful process, leading to a lot of bleeding. However, the UAL proce-

cedure is a minimal invasive technique and is almost painless.

The instrument named lysonix is much smaller in size and uses a frequency of 22,500 Hz which is designed specifically to attack the fat cells. This frequency is ideal for disrupting the adipose tissues and reducing the chances of tissue burns.

"A recently developed body contouring technique, UAL gently liquefies fat and removes it from the surrounding tissue using controlled ultrasonic energy, which targets fatty deposits in specific areas. The new technology is gentler on the patient and it can be used even in very sensitive and delicate



Surgeons carry out an UAL operation at a private clinic in Bandra on Wednesday PHOTO: Asian Age

areas of the body like necks and the back of the neck. This new technology will take liposuction from the level of 'just fat

removal' to the level of 'body sculpting,'" said Dr Mohan Thomas, cosmetic surgeon of Bombay Hospital.

Explaining the advanced technique, Dr Milind Doshi, a senior cosmetic surgeon, said, "Lysonix has six pulse settings, which ensure that the procedure is done with optimum precision. The pulse settings regulates the emission of ultrasound waves, providing the surgeon with numerous options and choices while emulsifying fat. The pulse settings also ensure that this machine is suited to the requirement of every single patient."

Interestingly, according to an international study, India ranks fourth in the world, after the US, Brazil and Mexico, in the number of cosmetic surgeons and cosmetic surgeries carried out

Dr Jimmy Unger, who flew down from Brazil and performed the surgery using the UAL technique, said, "The rate at which we perform cosmetic surgeries in Brazil is incredible. People come in for the slightest spot of fat. But interestingly, the trend is on a rise here as well. And with UAL, I think it is going to increase. The best thing about UAL is that it ensures minimum tissue damage and blood loss and it takes much less time than the conventional method. A liposuction takes anything between four to five hours, but with UAL, one can do the same thing within an hour-and-a-half."

nula to produce ultrasonic energy. As the cannula is passed through fat deposits, the ultrasonic energy breaks open the fat cell walls, allowing fat to flow out more freely, so that fat can be suctioned and removed. "The advantage of UAL is that it is more effective in fibrous areas of the body, such as the upper back or the male breast," Dr Unger said.

However, unlike the conventional liposuction method, UAL does not assure permanent rid-dance from fat. Doctors unanimously said that it is just a simpler, easier and quicker way of removing fat; to maintain that state, one would have to monitor