

# LIPOcel Boasts Powerful Fat Removal for the Entire Body

By Akiko Tanaka, M.D.

The LIPOcel is an innovative body shaping device from Jeisys Medical (Seoul, Korea) that uses high intensity focused ultrasound (HIFU) to thermally destroy fat cells. Thanks to the recent release of 8 mm and 11 mm cartridges, treatment indications have expanded to include areas that were traditionally unfit for the procedure due to the low fat content, such as the arms, waist, hips and thighs.

While the original 13 mm cartridge only allowed for treatment on body parts with adipose tissue thicker than 2.5 cm (measured by caliper); the new, shorter focal length cartridges make it possible to treat areas with 2 cm of fat tissue, or even as little as 1 cm thick.

In addition, the LIPOcel includes a contact cooling function that reduces the magnitude of pain compared with devices from other manufacturers. Also, it can exert a high output of 90 J to 100 J per stack. With minimal discomfort, yet high-power, the device definitely

appeals to many patients. Immediately after treatment, a patient can enjoy visible fat reduction results within two weeks. This effect is further accelerated as the surrounding fat cells – if not immediately destroyed – are gradually discharged through apoptosis and macrophage digestion within a period of 8 to 12 weeks. Thus, patients continue to be highly satisfied with results as fat further decreases.

Another benefit for busy practices is that the device is compact so it does not take up a lot of space. Whereas large-size equipment cannot be easily relocated once installed, and often occupies an entire room, LIPOcel's small size and light weight enable it to be easily moved by virtually any staff member, and once plugged in it can be used instantly.

In my experience, a practitioner does not need any special skills in order to operate the LIPOcel, as the system boasts excellent quality. One only has



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to mark the body parts to be treated, place the handpiece against the target area, activate the switch and then LIPOcel does the rest. One application delivers three stacks, making it very easy to use. Treatment on 40 sites takes approximately one hour, including the marking process.

With its cooling function maintaining a handpiece surface temperature of 5° C and a high-power output, LIPOcel offers a painless and safe treatment with excellent results.

Editor's note: This editorial was reproduced from *Jihiken Plus* Vol.13.



Before and one year after LIPOcel treatment  
Photos courtesy of Jeisys Medical