

LUTRONIC

## enCurve

Apoptosis-inducing  
Radiofrequency

CREATING GREAT CURVES

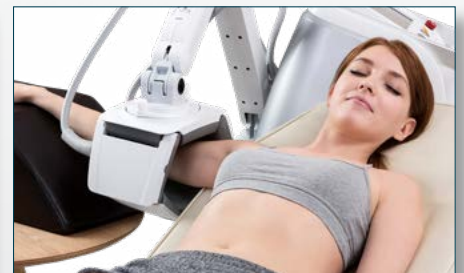


# The Simple, Comfortable Way to Deliver Circumferential Reduction

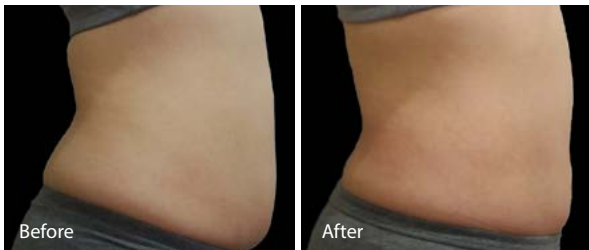
The enCurve is the easy and comfortable way to reduce adipocytes through apoptosis-inducing radiofrequency. Working through controlled delivery of energy deep into the adipocytes, enCurve utilizes a specialized frequency (27.12 MHz) combined with the ideal 300 Watts of power to selectively target and heat adipocytes to the optimal temperature to cause denaturation of cells, leading to adipocyte's death.

## NON-CONTACT RF

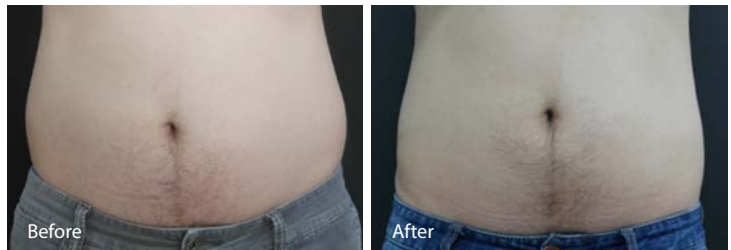
The appropriate applicator is placed over the area to be treated and the treatment is selected from the easy to operate GUI. The device measures the impedance of the tissue and begins to tune to the adipose tissue. It constantly adjusts energy in order to ensure and maintain homogeneous heating of the tissue. Patients relax while enCurve works to reveal their curves, while you gain the profits.



## PROVIDE THE CURVES YOUR PATIENTS DEMAND



Images Courtesy of Hyecheon Kim, MD, S. Korea



Images Courtesy of Nark-Kyoung Rho, MD, S. Korea



Images Courtesy of HJ Kwon, MD, S. Korea



Images Courtesy of Hyun Jun Park, MD, S. Korea



Images Courtesy of HJ Kwon, MD, S. Korea



Images Courtesy of Hyun Jun Park, MD, S. Korea

Average reduction 4-6 cm for overweight and obese patients

## WHAT SETS ENCURVE APART?

- Safely destroys fat cells while protecting epidermis and dermis
- 2 Applicators for variety of treatment options including abdomen, thigh, and arm
- Customize treatments with Personalized Impedance Synchronization Application technology (PISA™)
- Safely leave patient unattended during most of treatment maximizes staff time
- Easy to install and operate; No consumables
- 300 Watts deliver ideal power for optimal treatment outcomes
- Air Mode works to eliminate sweat on tissue to prevent burn risk



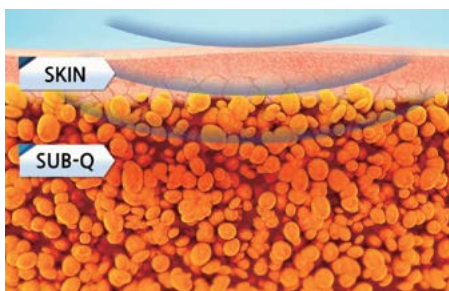
## PERSONALIZED IMPEDANCE SYNCHRONIZATION APPLICATION (PISA)

The enCurve synchronizes treatment energy with the change in the patient's impedance in order to minimize energy loss and achieve a better clinical outcome. PISA technology overcomes shortcomings of traditional RF devices.

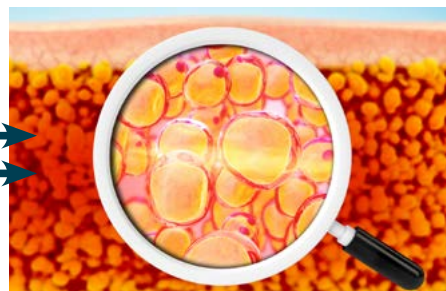
## WHY 27.12 MHZ IS THE MAGIC NUMBER TO SAFELY TREAT ADIPOCYTES

27.12 MHz frequency is more highly absorbed by adipocytes. As a result, adipocytes are more responsive than the cells in epidermis, dermis, or muscles, making this frequency ideally suited to precisely target the adipocytes. The apoptosis-inducing radiofrequency causes the adipocytes to vibrate or oscillate at a high rate which generates frictional energy (heat). The frictional energy leads to apoptosis of adipocytes.

## APOPTOTIC PROCESS



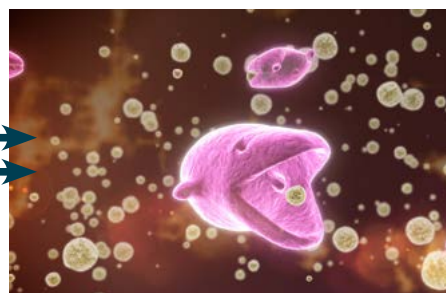
Energy from enCurve focuses on the adipocytes.



Lipocytes vibrate rapidly creating heat.



The heat leads to the apoptosis of adipocytes.



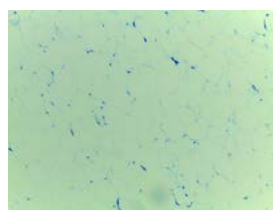
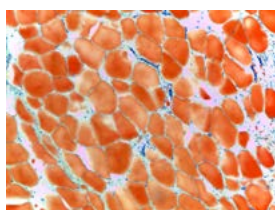
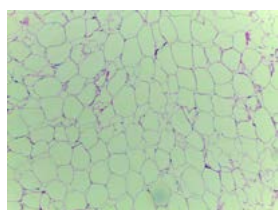
The body's own natural processes remove the adipocytes.

# Easy to Use While Achieving Maximized Results

- Easy to use touch screen interface
- Ergonomic articulating arm with multiple joints and wide range of motion
- Two adjustable applicators conform to most body types and areas
- Air flow technology ensures safe and comfortable treatments
- PISA technology maximizes energy deliver for best results

## ENCURVE EFFECTIVELY TARGETS AND DESTROYS ADIPOCYTES

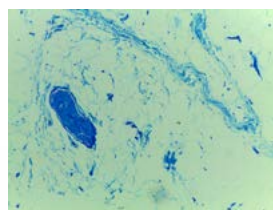
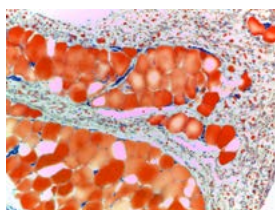
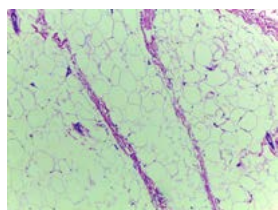
BEFORE



Tissue stain on treated swine tissue, clearly show apoptosis of adipocytes after only a single 300 W 20 minute treatment.

Images Courtesy of ChungAng University Hospital

1 WEEK AFTER 1 TX



H&E

Oil Red O

Toluidine Blue

## SPECIFICATIONS

|              |                                   |
|--------------|-----------------------------------|
| Laser Medium | Apoptosis-inducing Radiofrequency |
| Frequency    | 27.12 MHz                         |
| Output Power | Max. 300W                         |
| Applicator   | AB Applicator, MULTI Applicator   |



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