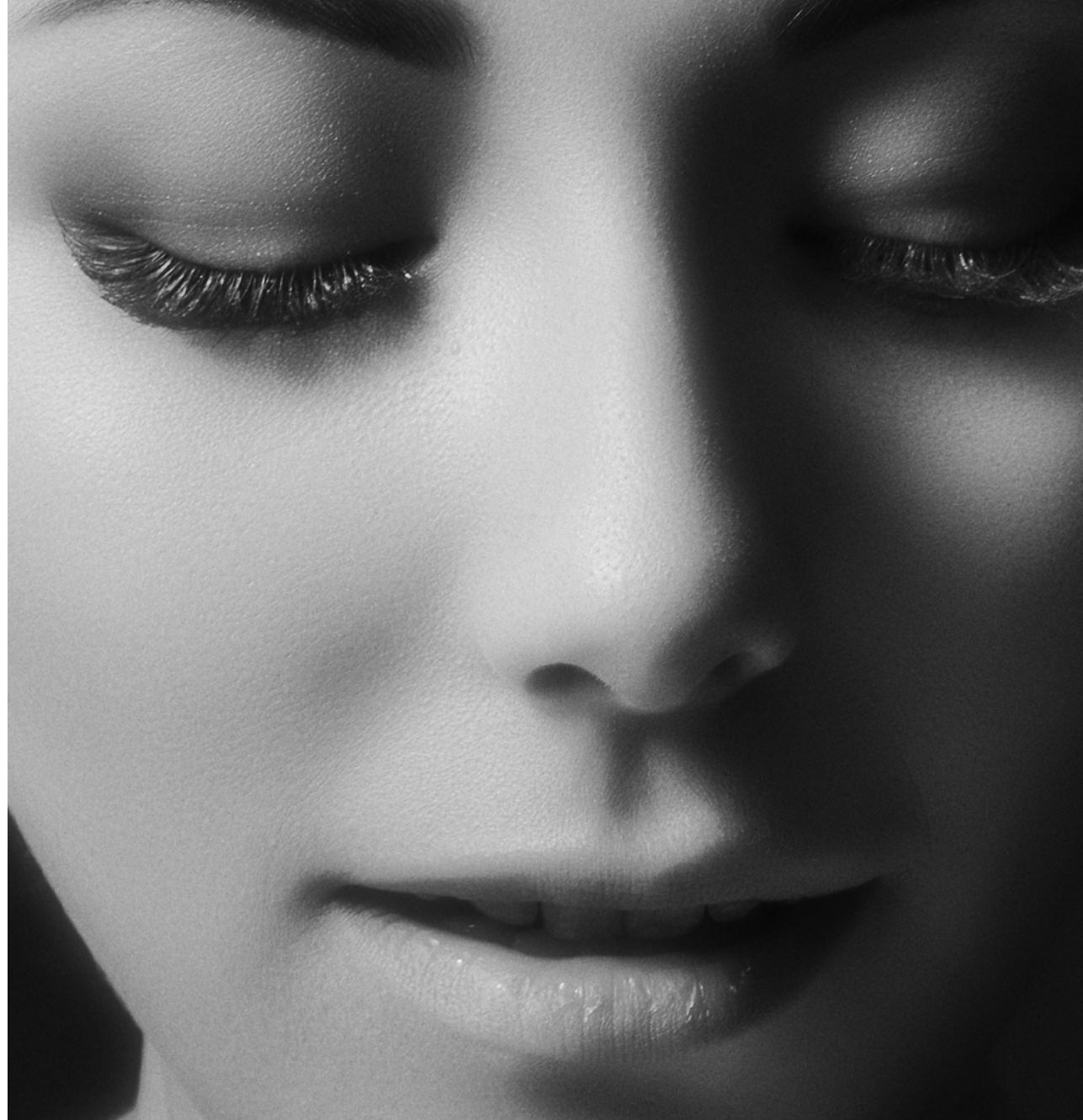


*Linear***Firm**

BREAKTHROUGH **HIFU** IN  
BRIGHTENING & FIRMING



# HIFU Overview

High-intensity focused ultrasound (HIFU) is a combination of direct ultrasound visualization of the targeted tissue and the noninvasive delivery of focused ultrasound energy, causing no damage to the epidermis and the adjacent tissue.

Through its innovative linear-shot cartridges, LinearFirm is expected to up the HIFU treatment for lifting and tightening.

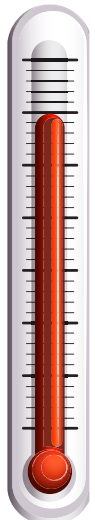




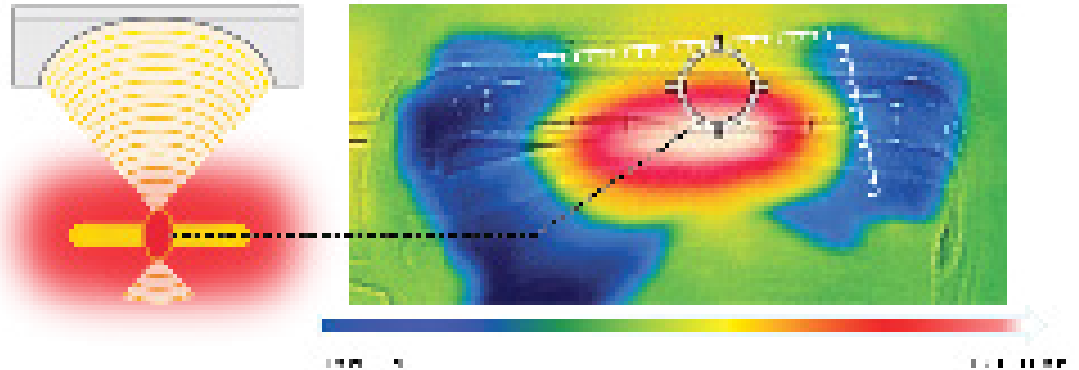
# LinearFirm Technology

The linear delivery of heat into the skin brings “bulk heating” into the targeted layers, enabling LinearFirm to cover a wider treatment area.

It produces 300 shots in less than three minutes—making it ***almost 3 times faster than other HIFUs.***



- ▶▶ 70 °C + : Increase in capillary contraction
- ▶▶ 65 °C +/- : Optimal temperature for tissue shrinkage
- ▶▶ 58 °C + : Optimal temperature for human fat destruction
- ▶▶ 50 °C + : Start of capillary contraction
- ▶▶ 40 °C + : Increase in flow of red blood cells



# Candidates



LinearFirm is designed to target both indications on the face and body. The HIFU energy promotes formation of new collagen (neocollagenesis), destroys stubborn fat cells, and tightens the target areas.



# TREATMENT PROCEDURE & PROTOCOL

## Pretreatment

1. Check the patient's medical history
2. If the patient is sensitive to pain, topical anesthetics, oral analgesic, or local anesthetic injection can be given depending on the degree of pain.
3. Cleanse the area to be treated thoroughly.
4. Generally, this is performed for a full face treatment. Separate treatment designs must be done for partial treatments.
5. Apply ultrasonic gel to the site to be treated.
6. Set the energy to be used after turning on the ULTRAcel Q+ unit.
7. Perform a TEST SHOT to check if the patient's skin condition is appropriate for the treatment, first from a lower output then increase gradually.

## Intratreatment

1. Start treating from the deep layer of the skin. (e.g. 4.5 mm > 3.0 mm > 1.5 mm)
2. Proceed with 1 line each and check the patient's pain level and response.  
\*Please see the treatment parameters on the next page.

## Posttreatment

1. Mummy Mask
  - Put the mask with vitamin K in the refrigerator since a cold mask after the procedure can help soothe the redness and reduce the downtime.
2. Modeling Mask
  - Choose the type of soothing in the modeling masks, and use it for after care.
  - Apply first an ampoule-type emulsion to increase the absorption rate as a result of skin needling.
3. Soothing laser
  - Used to help soothe skin after the procedure.



**LINEARFIRM 2.0**

INDICATION  
WHITENING, BRIGHT,  
LARGE PORES

ENERGY:  
0.2-0.4



**LINEARFIRM 4.5**

INDICATION  
DOUBLE CHIN

ENERGY:  
0.2-0.8



**LINEARFIRM 6.0**

INDICATION  
BODY

ENERGY:  
0.2-0.8



**LINEARFIRM 9.0**

INDICATION  
BODY

ENERGY:  
0.2-0.8



**LINEARFIRM 11.0**

INDICATION  
BODY

ENERGY:  
0.2-0.8



**LINEARFIRM 13.0**

INDICATION  
BODY

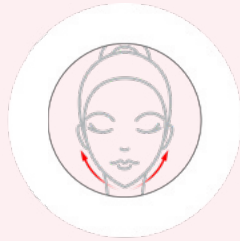
ENERGY:  
0.2-0.8







# Effects



## Face

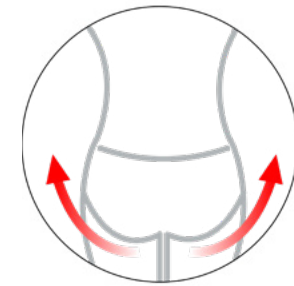
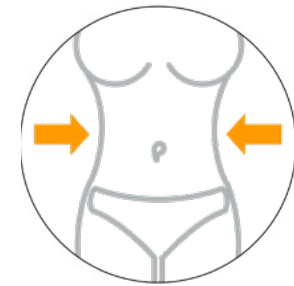
Linear cartridges for the face deliver ultrasound energy to multiple layers in the dermis, initiating neocollagenesis.

- Reduce Double Chin
- Improve Flushing
- Brightening
- Lifting & Tightening

## Body

Specially designed linear cartridges are made to reach deeper layers of the body, down to the subcutaneous layer.

- Contouring
- Lifting & Tightening



# Before & After

INDICATIONS: **DOUBLE CHIN**



Before

*After*

Courtesy of Dr. Hyun Jun Park, M.D., Korea



Before

*After*

Courtesy of Dr. Hyun Jun Park, M.D., Korea



# Before & After

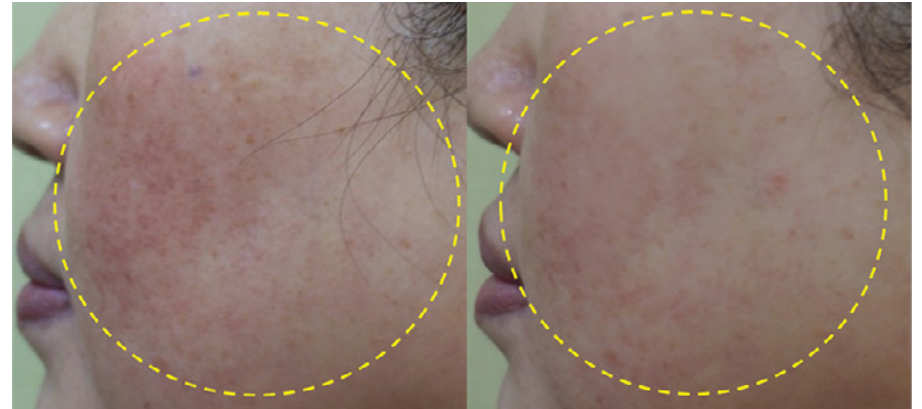
INDICATIONS: **FLUSHING , BRIGHTENING / PORE**



Before

*After*

Courtesy of Dr. Lee Cheol Woo, M.D., Korea



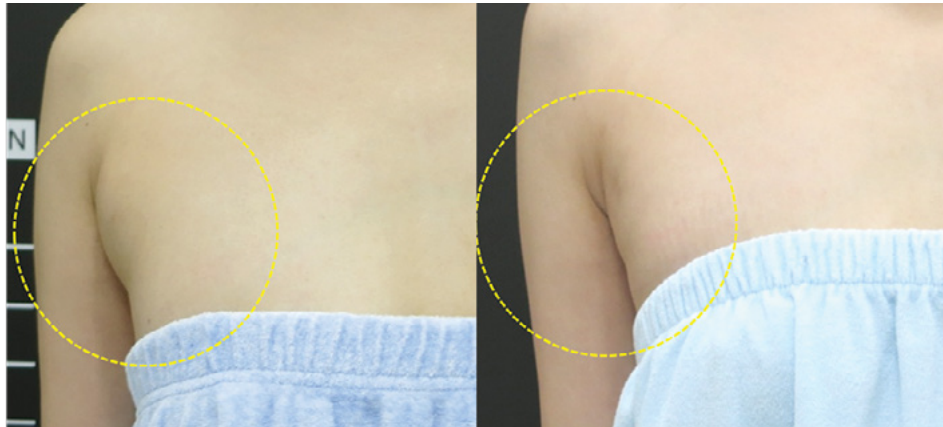
Before

*After*

Courtesy of Dr. Lee Cheol Woo, M.D., Korea

# Before & After

INDICATIONS: **AXILLARY, BRA BULDGE**



Before *After*

Courtesy of Dr. Hyun Jun Park, M.D., Korea

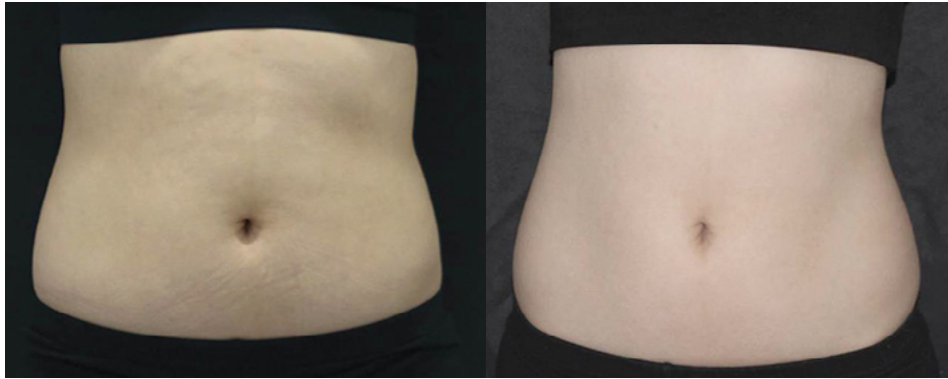


Before *After*

Courtesy of Jeisys Medical Inc.

# Before & After

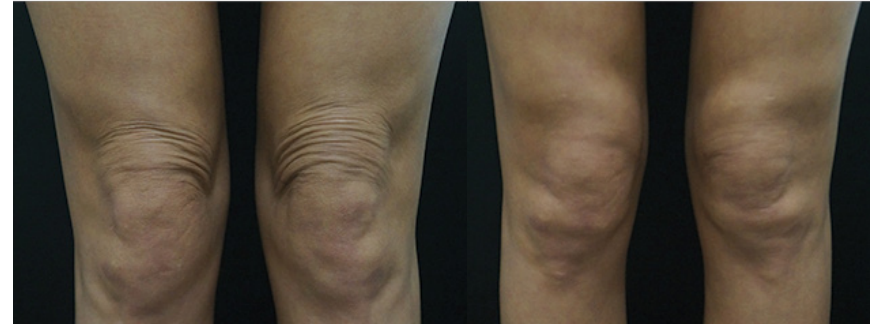
INDICATIONS: **LIFTING & TIGHTENING (CELLULITE), KNEES**



Before

After

Courtesy of Jeisys Medical Inc.



Before

After

Courtesy of Dr. Hyun Jun Park, M.D., Korea



# FAQ

Q. Does the treatment interfere with everyday life?

*A. No. A patient can return to daily activities immediately after a LinearFirm treatment.*

Q. Can a patient have LinearFirm after botox or filler injection?

*A. We recommend botox or filler injection after a LinearFirm procedure.*

Q. Are there any side effects from a LinearFirm procedure?

*A. There may be some pain during the procedure, and may be accompanied by swelling and tingling but these are only temporary reactions.*

Q. How many treatments does a patient need to take?

*A. It is effective even with one-time treatment. However, for better and lasting effects, additional treatments may be done.*

Q. When can the effectiveness be expected?

*A. The difference can be seen immediately, but during 2 to 3 months after the procedure, neocollagenesis will take place and the results can last up to 6 months.*