

# World Wide Media Coverage

Available in 55 countries and continuously growing our global footprint with interactive media support, millions of patients are discovering fat reduction solutions with Classsys technologies.



## The Classsys Advantage

Since 2007, Classsys Inc. has focused on providing medical & aesthetic solutions to consumers around the globe by featuring a diverse range of applications for lifting, tightening, fat reduction, and body contouring procedures. Having accumulated vast insights and knowledge to overcome challenges to the rapidly-changing industry for over a decade, Classsys Inc. is expanding to deliver non-invasive procedures for facial toning and other cutting-edge technologies for effective body contouring, which further catapults its position as a global leader in medical & aesthetics.



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CLATUU   
FREEZE ON FAT OFF

No  
Limitations

[www.classsys.com](http://www.classsys.com)





# Innovative Age of Alpha

For more than a decade, we have delivered technologies that provide easy solutions for body contouring to the global market by listening to the needs of millions of our users and persistently innovating to reach what we call the Classys Standard. With the continuous dedication and commitment of our R&D team, we are pleased to unveil the CLATUU Alpha, a device next to none to resolve body contouring complexes once and for all.

CLATUU   
FREEZE ON FAT OFF



Various Applicators for Any Spot

Expandable Range of Applicators for All Needs

Fast and Easy Applicator Exchange

Any Treatment Area at Any Angle

Upgraded 360° Surround Cooling

# Perfect Fit Only for You

Everyone has different body shapes and unlike Cinderella's glass slipper, the CLATUU Alpha is designed to fit anyone. Stop being disappointed with other treatments and experience your own customized treatment with CLATUU Alpha.



## Various Applicators for Any Spot

The CLATUU Alpha's wide range of cooling cups are designed to perfection within our R&D labs and are suitable to conform to a large variety of body shapes and patients. Each individual cup helps to achieve a variety of customized treatment plans to effectively reduce fat cells for the ultimate body contouring experience.



## Expandable Range of Applicators for All Needs

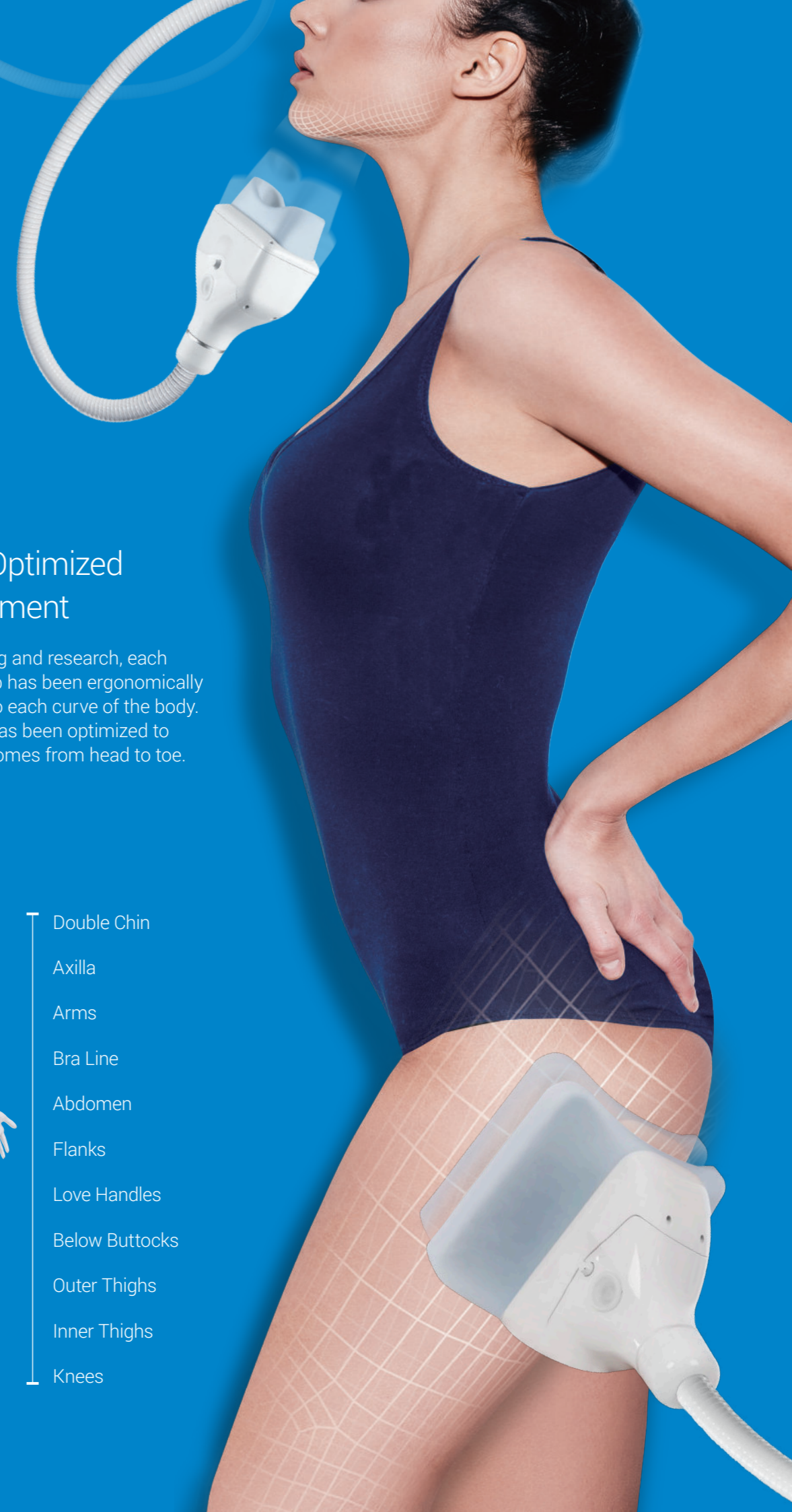
The CLATUU Alpha cooling cup range will continuously expand and deliver based on the needs of the market. The technology of the CLATUU Alpha allows physicians to easily make additions to their treatment regimens.



- Double Chin
- Axilla
- Arms
- Bra Line
- Abdomen
- Flanks
- Love Handles
- Below Buttocks
- Outer Thighs
- Inner Thighs
- Knees

## Applicators Optimized for Any Treatment

After laborious testing and research, each individual cooling cup has been ergonomically designed to adhere to each curve of the body. The CLATUU Alpha has been optimized to achieve desired outcomes from head to toe.



# Easy & Convenient

## Fast and Easy Applicator Exchange

With a simple press-and-release mechanism, the CLATUU Alpha allows maximum convenience and makes switching cooling cups as simple as possible. Detaching cables or turning the system off is not required even during treatments.

## Easy Storage

The ease of detaching the CLATUU Alpha cooling cups from the hand-piece, comfortably allows physicians to use minimal storage space within the operating environment.

## Any Treatment Area at Any Angle

The arm stand of the CLATUU Alpha provides a variety of benefits for practitioners by serving as assistants in the treatment environment. The arm helps to operate without the use of cushions for extra support and the length of the cables can be adjusted so you can operate the CLATUU Alpha at a comfortable distance from the treatment area.



# Advanced Technology for Maximum Results

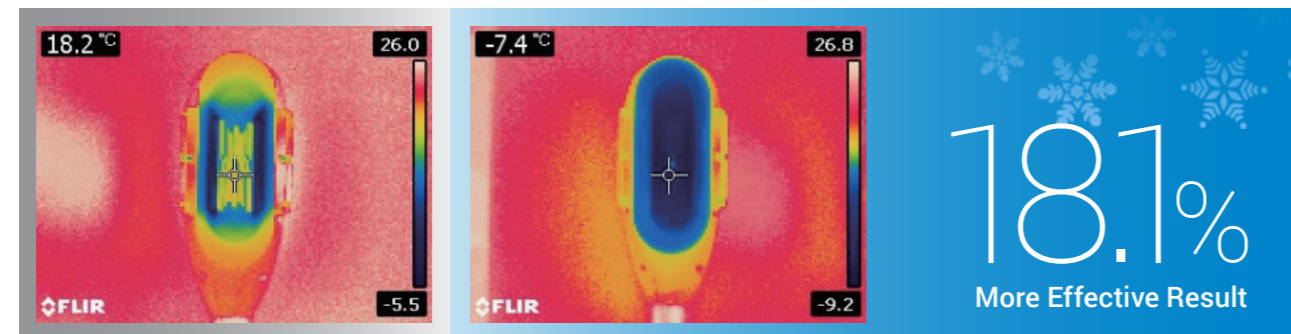
Having accumulated countless hours in research and development, the CLATUU Alpha features a revolutionary approach to absolute, non-invasive body contouring through a more powerful cooling technology.

## Upgraded 360° Surround Cooling

360° Surround Cooling Technology unlike the conventional two-side cooling methods, increases efficiency by up to 18.1%. Allowing delivery of cooling to the entire cup and in result removes fat cells more effectively.

Previous Methods

360° Surround Cooling Technology



**Efficacy and safety of newly developed cryolipolysis**

anesthetics on adipocytes. Eck et al. reported that several local anesthetics, including lidocaine, markedly improve lipolysis. They observed no differences in the fat volume under the influence of (10).

Although the exact mechanism of action is not clear, it is assumed that certain anesthetics may inhibit lipolysis. The authors note that lidocaine may have a protective effect on adipocytes and that its use in combination with other anesthetics did not cause skin necrosis.

References

1. Kojima N, Ma JY, Li S, Sakai NK, Cho KH, et al. (2019) Cryolipolysis: A Review of the Literature. *Plast Reconstr Surg* 143: 1001-1010.
2. Eckstein O, Wenzel C, Kerschbaum A, et al. (2019) Cryolipolysis: A Review of the Literature. *Plast Reconstr Surg* 143: 1001-1010.
3. Kojima N, Ma JY, Li S, Sakai NK, Cho KH, et al. (2019) Cryolipolysis: A Review of the Literature. *Plast Reconstr Surg* 143: 1001-1010.
4. Eckstein O, Wenzel C, Kerschbaum A, et al. (2019) Cryolipolysis: A Review of the Literature. *Plast Reconstr Surg* 143: 1001-1010.
5. Kojima N, Ma JY, Li S, Sakai NK, Cho KH, et al. (2019) Cryolipolysis: A Review of the Literature. *Plast Reconstr Surg* 143: 1001-1010.
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**Discussion**

According to the American Society for Aesthetic Plastic Surgery, by 2013, liposuction had replaced breast augmentation as the most popular surgical procedure, with 363,912 procedures performed. Its popularity has grown considerably because it offers aesthetic improvement and noninvasive results (1). Despite its popularity, liposuction is associated with rare but significant risks that can sometimes be fatal, including complications from anesthesia and infection (2). Currently available noninvasive liposuction procedures employ mechanical vacuum massage, laser, radiofrequency, ultrasound, or low-level energy infrared light, but these techniques are not intended for the removal of larger volumes of fat (3).

Current cryolipolysis procedures are performed with either small or large vacuum-pressure applicators that are capable of extracting blood from both sides of a lipid and reducing blood flow via tissue compression and cold-induced vasoconstriction (11-13). Two mechanisms of fat-cell loss have been described in the literature: differentiation and apoptosis, and the results we present here are consistent with the conclusion that exposure to cold induces fat-cell apoptosis (14).

Conventional cryolipolysis equipment contains a cooling plate-mounted applicator, but the newly developed cooled<sup>®</sup> has an applicator that acts as its own cooling plate. The cooled<sup>®</sup> applies heat 360° cooling panel that can deliver cooling energy more effectively than the conventional two-sided model (Fig. 7).

The advantages of this new device are its higher cooling conductivity and that it delivers uniform cooling energy to the skin better than the conventional applicator. Its cooling effects are not focused on limited areas and it can effectively reduce subcutaneous fat. A non-side effect of cryolipolysis is feasible. Improved technology allows it to maintain a stable cooling temperature so that it can provide enhanced treatment results in a shorter time period compared with conventional methods. Furthermore, we found a stronger decreasing effect for subcutaneous fat by 90 days after treatment with the cooled<sup>®</sup> compared with the c-c.

Early introduction of the noninvasive liposuction technique in 1987 revolutionized the field of cosmetic body-fat sculpting. Some debate about the use of noninvasive

**Fig. 7. Changes in breast size and number after treatment with the two cooling device (differentiated between sessions at day 0, day 30, day 60)**

**Fig. 8. Efficacy and safety of newly developed cryolipolysis**

**Fig. 9. Cryolipolysis using a new 4D with a porcine model**

**Y. Park and R. J. Kim**

**Abstract**

**Background**

**Methods**

**Results**

**Conclusion**

“It has the world’s first 360° cooling panel that can deliver cooling energy more effectively than the conventional two-sided model.”

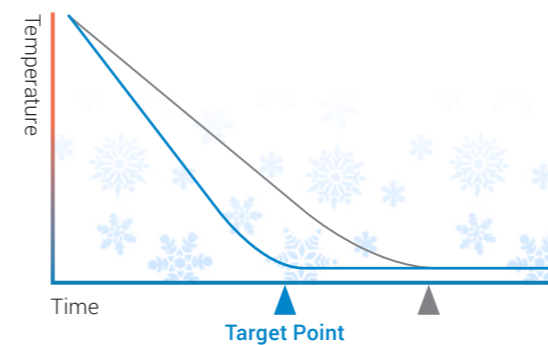
“Our investigational results confirmed that non-invasive fat cooling results in adipocyte cell death and apoptosis over time.”

## AI Applicator

The CLATUU Alpha automatically computes recommended parameters for each cup upon connection of each respective cooling applicator and in result effectively disposes of unwanted fat.

## Faster to Target Point

The cooling system of the CLATUU Alpha is engineered to reach its target temperature faster than previous models, reducing the inconveniences of waiting and maximizing time efficiency for both patients and physicians.



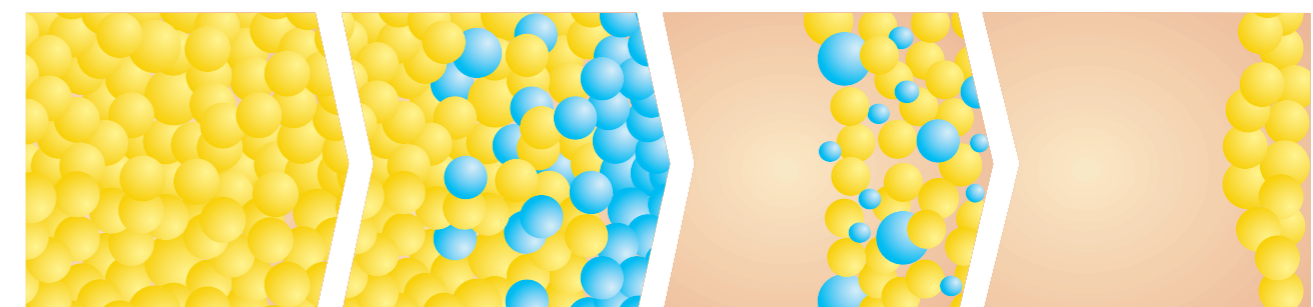
## Adjustable Levels

Not only is the CLATUU Alpha capable of 20% stronger suction, it also provides medical practitioners with the ability to adjust both cooling and suction levels to confidently provide customized treatments for patients.

20%  
Stronger Suction

## Science Behind Alpha

Each cooling applicator is engineered to target the patient’s subcutaneous fat layer without damaging surrounding tissues or nerve regions, It is through this advanced cooling technology that we are able to welcome you to the Innovative Age of Alpha.

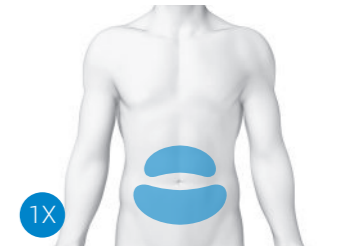
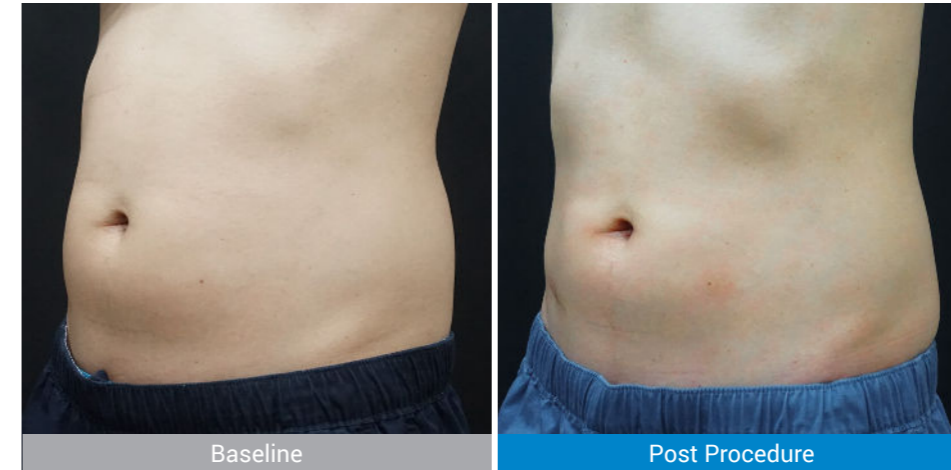


# Proven Results

Double Chin



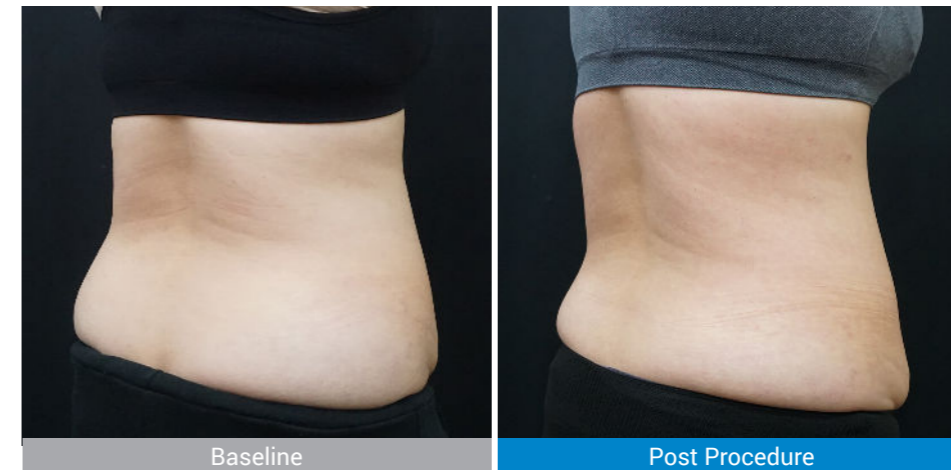
Abdomen



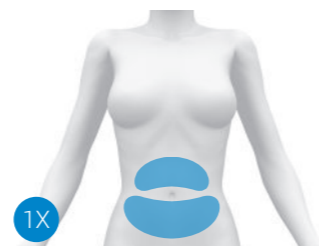
Thighs



Love Handle



Abdomen



Bra Line & Love Handle

