

MTIGHT

This document is an introduction to MTIGHT, a device for face lifting.
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**30 Minutes of innovation
Embedded in MTIGHT.**

Product overview



MTIGHT is

Non-invasive facial lifting device that requires no needles, injections, or surgical incisions. It has zero downtime, allowing users to return to their daily activities immediately after the procedure.

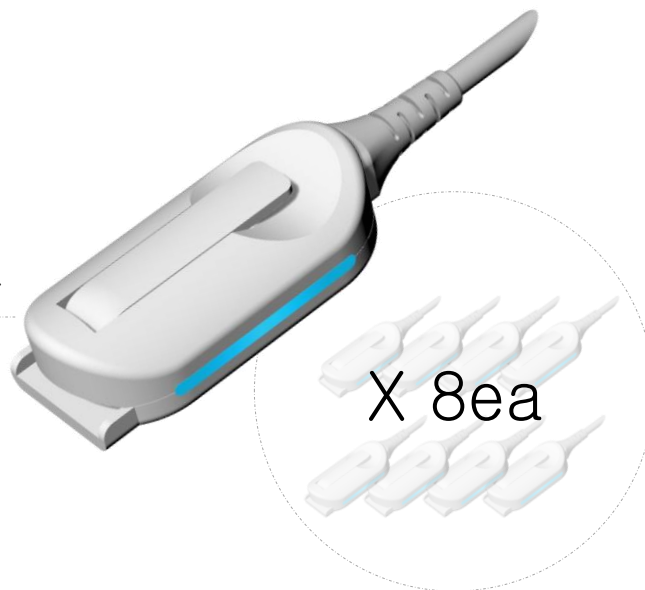
The most innovative advantage of MTIGHT is that no additional procedures are required—simply apply the patch to the face and leave it on for just 30 minutes.

Reduce wrinkles! Increase elasticity!
Experience all these benefits without pain!

Product Components



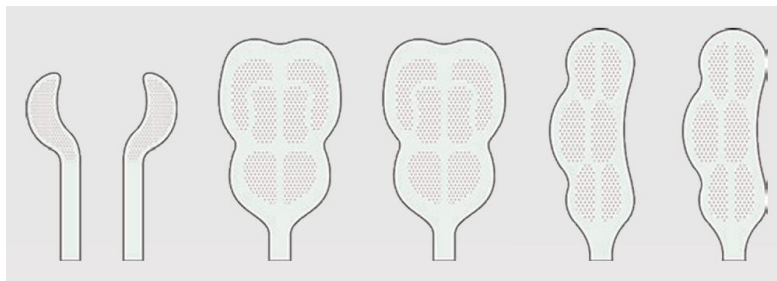
▶ Probe Adaptor



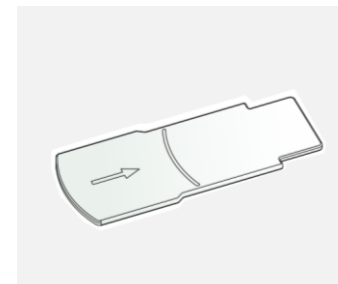
▲ Main Body

▼ Wagon

▼ Probe for Face



▼ Slot



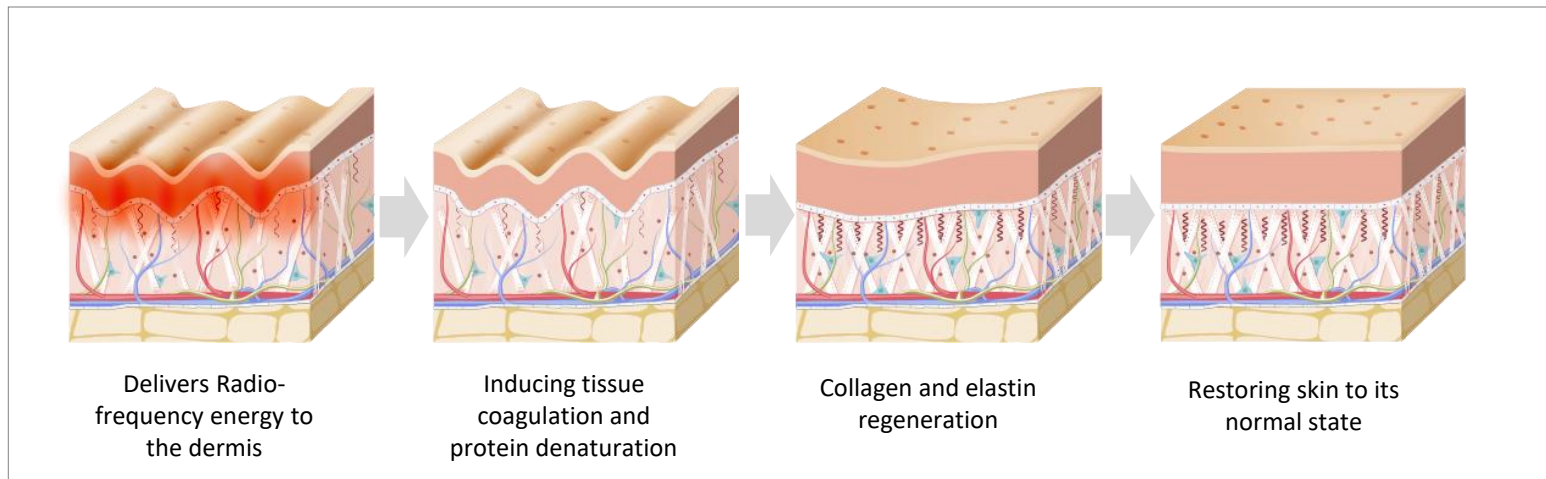
The face is made up of muscles and skin.

Technology for muscles, technology for skin.

Dual technology slides right into one patch!!

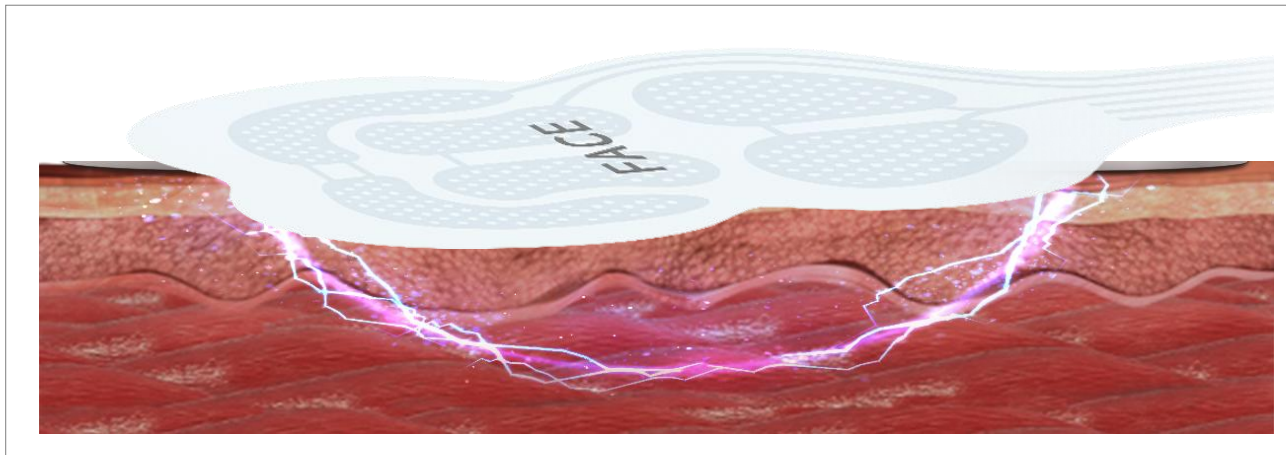
MTIGHT's radiofrequency technology for skin improvement induces collagen production, rejuvenating aged dermis.

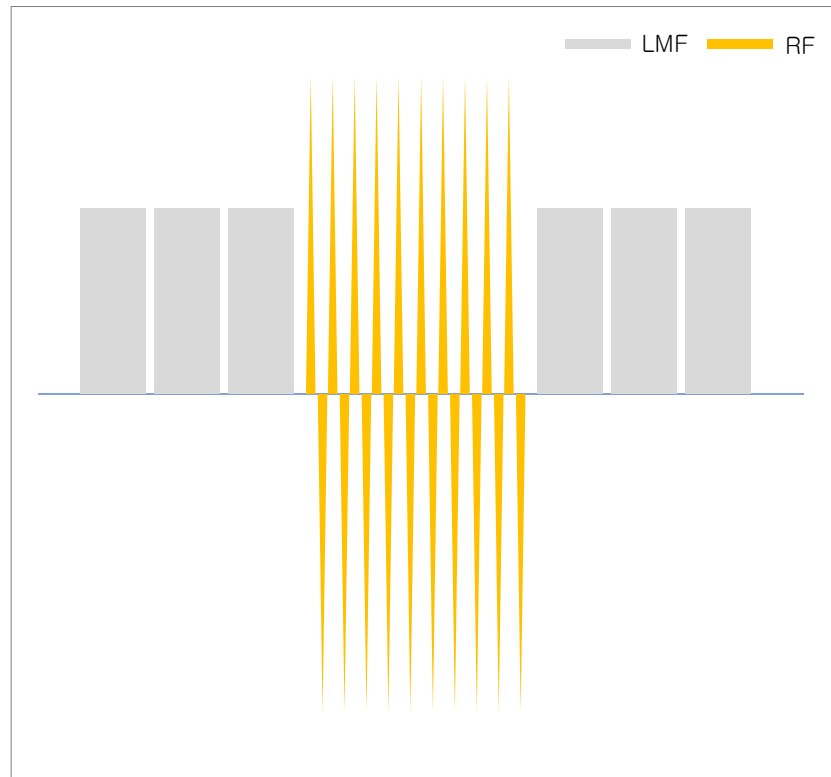
✧ Treatment Process



MTIGHT's mid-to-low frequency technology for muscle enhancement stimulates facial muscles, increasing firmness and elasticity

By using mid-to-low frequency stimulation,
MTIGHT induces muscle contractions to restore facial elasticity.





ERIC™ Technology

EMS-RF Interleaved Cycle

MTIGHT's ERIC Technology enables EMS and RF to operate alternately and independently, allowing users to experience two effects with a single treatment through one electrode.

This innovative technology simultaneously delivers the appropriate energy to different layers of the face, including muscles and skin.

Only 30 minutes is all it takes

Experience non-invasive facial lifting, and welcome a younger-looking face with MTIGHT.

MTIGHT-exclusive probe designed for facial contours



Attach all five exclusive probes to take care of your entire face

Aging does not affect just one part of the face.

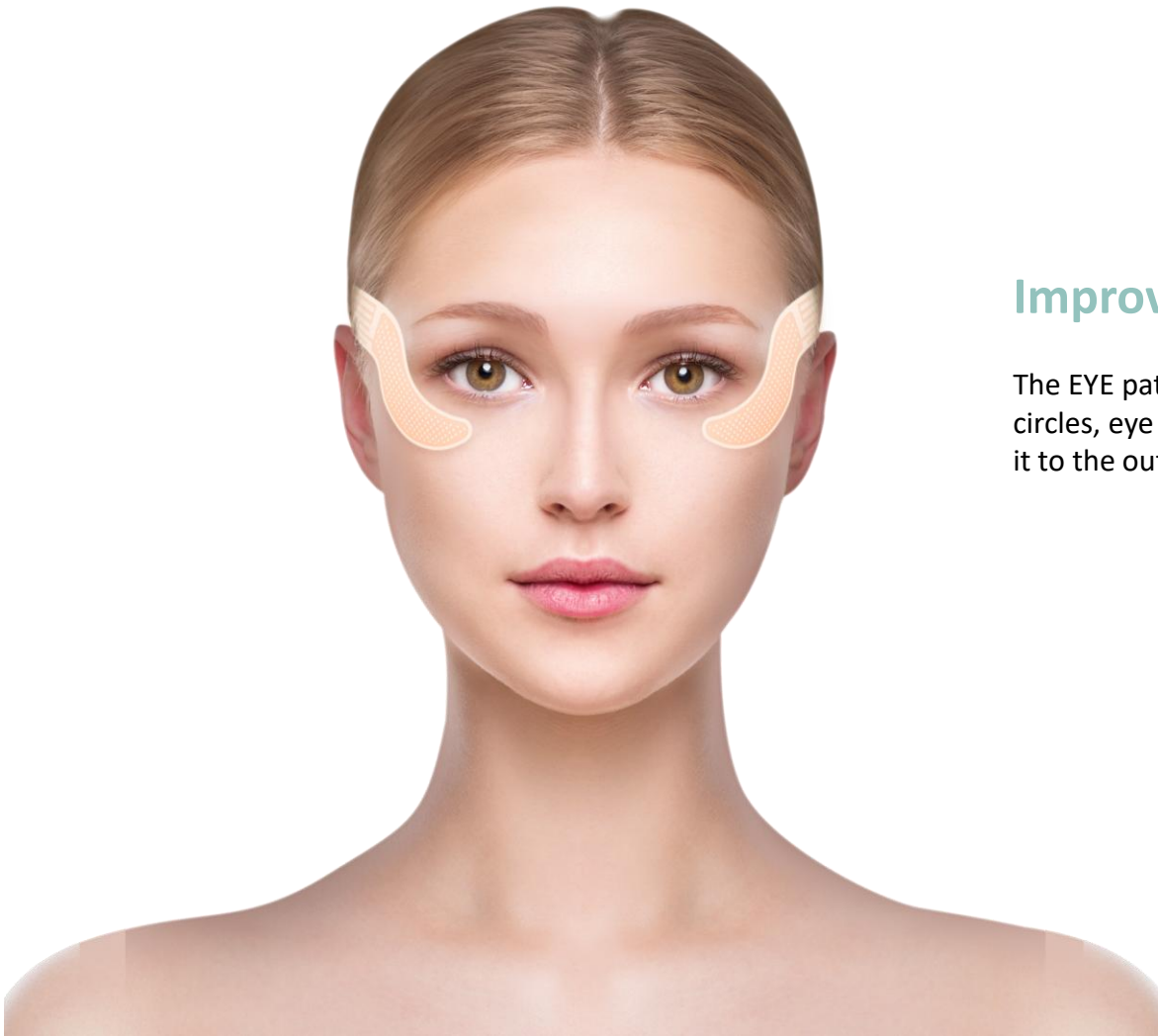
To confidently approach others, ensure thorough care for areas like the eyes and mouth.

With a total of five dedicated probes left and right eye area, cheeks, forehead, and jaw you can achieve a meticulous facial treatment.

Designed as a flexible patch type, it adheres perfectly to any face shape. Simply snap the sticker-type patch onto your face.

A truly hands-free device MTIGHT takes care of everything for you!

Improvement of crow's feet using EYE patches

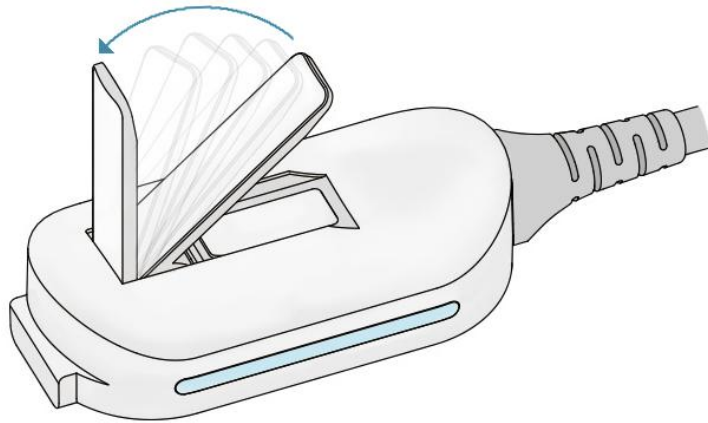


Improve crow's feet with EYE patches!

The EYE patch is typically applied under the eyes to improve dark circles, eye bags, and fine lines, but as shown in the image, applying it to the outer corners effectively addresses crow's feet as well.

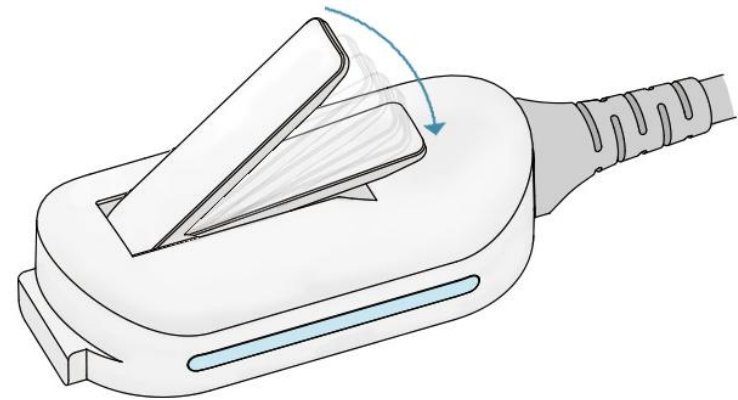
**MTIGHT,
Designed for enhanced user
convenience**

Semi-automatic clipping-type Probe Adaptor



When open

When lifted gently at a 40-degree angle, it opens automatically due to the tension.



When close

When lifted gently at a 40-degree angle, it closes automatically due to the tension.

Hygienic disposable Probe

MTIGHT probes are hygienic, single-use patch types.

The facial probes are designed as disposable patches and must be discarded after a single use. Unlike reusable pads that are shared among multiple users, MTIGHT ensures a more hygienic and sanitary experience.



Preset mode

MTIGHT offers four preset modes,
allowing users to easily select the desired mode for each treatment area.



Mode 01 Face & Forehead

250Hz(7m30s) - 60Hz(7m30s) - 22Hz(7m30s) - 250Hz(7m30s)

Mode 02 Eye & Chin

250Hz(7m30s) - 60Hz(7m30s) - 22Hz(7m30s) - 250Hz(7m30s)

Mode 03 Face & Forehead & Chin

250Hz(7m30s) - 60Hz(7m30s) - 22Hz(7m30s) - 250Hz(7m30s)

Mode 04 Eye & Face & Forehead & Chin

250Hz(7m30s) - 60Hz(7m30s) - 22Hz(7m30s) - 250Hz(7m30s)

User mode

MTIGHT features a User Mode,

enabling users to preconfigure treatment parameters according to their preferences.



Protocol



30 MIN.
Treatment time



7~10 DAYS
Frequency of
treatments



4 TREATMENT
Total treatment
session

Literature Review

Non-invasive electrical stimulation for facial anti-aging

ARTICLE IN PRESS

Holistic Approach for Noninvasive Facial Rejuvenation by Simultaneous Use of High Intensity Focused Electrical Stimulation and Synchronized Radiofrequency A Review of Treatment Effects Underlined by Understanding of Facial Anatomy

Suneel Chilukuri, MD

KEYWORDS

• Face • Fillers • High intensity focused electrical stimulation • Radiofrequency • Neuromodulators • Noninvasive

KEY POINTS

- Facial aging is a continuous process resulting from age-related changes in all structures present in the face. Such complex anatomy needs to be considered when it comes to noninvasive treatments for improving facial appearance. The facial muscles especially should be seen within their connective tissue environment and addressed accordingly.
- Novel HIFES and Synchronized RF technology was developed to target facial layers in synergy. Its effects show that it is a viable option for noninvasive face lifting and wrinkle reduction.
- It has been documented that HIFES and Synchronized RF does not interfere with the effects of neuromodulators or dermal fillers and can be safely and effectively used in patients injected with either of them, to deliver satisfactory improvement of overall facial appearance.

INTRODUCTION

Facial aging is a continuous process resulting from age-related changes in all structures present in the face: skin, fat, muscle, fascia, and bone.^{1,2} Age-related changes of all facial soft tissues start at different decades and progress at various paces, which vary between individuals of different gender and ethnicity. All changes together result in reduced support for the bone-overlying soft tissues, which then follow the effect of gravity. Thus, a loss of structural support owing to volume

depletion and changes to the facial muscles and their connective tissue framework results in increased soft tissue laxity.

The Role of Facial Muscles and Fascia Framework in Aesthetic Appearance

Facial muscles have been found to age through the process of sarcopenia, which manifests as a loss of muscle mass and volume, similar to skeletal muscles.³ Because the facial muscles are interconnected via the fascial system and the

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facialplastic.theclinics.com

Title : Holistic Approach for Noninvasive Facial Rejuvenation by Simultaneous Use of High Intensity Focused Electrical Stimulation and Synchronized Radiofrequency

Author : Suneel Chilukuri, MD

Summary : Facial aging has been found to result from the loss of muscle volume.

The weaker the facial muscles, the more the midface tissue sags downward, leading to deeper wrinkles and a loss of jawline definition

Improvement of facial sagging through radio-frequency and electrical stimulation

Lasers in Surgery and Medicine

CLINICAL REPORT **OPEN ACCESS**

The Efficacy and Safety of Synchronized Radiofrequency and High Intensity Facial Electrical Stimulation in Improving Facial Skin Laxity and Quality in Asians

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Received: 19 October 2024 | Revised: 5 December 2024 | Accepted: 26 December 2024

Keywords: facial lifting | high intensity facial electrical stimulation | monopolar radiofrequency | muscle stimulation | noninvasive | skin laxity | skin quality | synchronized radiofrequency

ABSTRACT

Background: Noninvasive aesthetic procedures for facial rejuvenation are gaining popularity. Conventional treatments, such as radiofrequency (RF) and high-intensity focused ultrasound (HIFU), primarily improve skin quality but do not address the deeper musculoaponeurotic structures that affect facial laxity. A novel approach that delivers synchronized RF with high intensity facial electrical stimulation (HIFES) thought to target both the skin and underlying musculoaponeurotic framework to effectively enhance facial laxity has been investigated.

Objective: To assess the long-term efficacy and safety of combined synchronous RF and HIFES therapies in treating facial skin laxity among Asian subjects.

Methods: In this prospective, evaluator-blinded study, 15 participants aged 40–65 years with mild to moderate facial skin laxity were enrolled. Each underwent four weekly treatments using a synchronized RF and HIFES system using noninvasive electrode applicators on the forehead and cheeks. Objective assessments included forehead and cheek lifting measurements using a 3D photographic system, eyebrow lifting measurement using ImageJ software, skin texture and melanin levels using Antera 3D[®], and skin elasticity using Cutometer[®] MPA 580. Additionally, patients provided self-assessments regarding their perceived level of improvement. Assessments were conducted at baseline, before the 3rd treatment, and at 1 month, 3 months, and 6 months after the last treatment.

Results: All participants completed the study. Significant improvements were observed in forehead and cheek lifting sustained at 6 months ($p < 0.0001$). A significant eyebrow lift of 1.39 mm was observed at 3 months ($p = 0.0087$), with a sustained lifting distance of 1.31 mm at 6 months ($p = 0.0021$). Skin firmness improved substantially ($p < 0.0001$), with RO (skin firmness) increasing by 81.24% at 6 months. Skin texture improved notably in the crow's feet area (13.82% improvement at 3 months, $p = 0.049$). Melanin levels decreased significantly in the crow's feet and forehead regions. Treatment was well tolerated, with pain scores decreasing from 3.5 ± 1.8 to 1.6 ± 1.0 by the fourth session. No serious adverse events occurred.

Conclusions: Combined synchronous RF and HIFES therapy is a safe and effective Noninvasive method of improving facial skin laxity and quality in Asian subjects. Lasers Surg. Med. 00:00–00, 2024. © 2024 Wiley Periodicals LLC.

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1 of 10

Title : The Efficacy and Safety of Synchronized Radiofrequency and High Intensity Facial Electrical Stimulation in Improving Facial Skin Laxity and Quality in Asians

Author : Woraphong Manuskitti, Teerapat Wannawittayapa, Panyapat Buranaporn, Rungsima Wanitphadeedecha, Felix Paolo J. Lizarondo, Yanin Nokdhes

Summary : Significant improvements were observed in forehead and cheek lifting, with the effects lasting for up to six months. Skin elasticity and texture showed noticeable enhancement. Additionally, melanin levels in the eye area, forehead, and cheeks were reduced..

Facial remodeling using radio-frequency and electrical stimulation

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ORIGINAL ARTICLE

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Journal of
Cosmetic Dermatology

WILEY

Remodeling of facial soft tissue induced by simultaneous application of HIFES and synchronized radiofrequency provides nonsurgical lift of facial soft tissues

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Abstract
Background: The application of radiofrequency (RF) and HIFES on the body provides improvement in skeletal muscle tissue, reduction in fatty tissue, reorganization of connective tissue, and skin texture improvement. However, overall facial appearance relies on both skin and underlying structures, specifically muscles and connective tissue which have to be treated as one unit to achieve proper care while preserving fatty layers that define youth facial appearance.
Aims: The aim of this study is to find whether the effect of novel RF + HIFES is safe and can induce the lifting of soft tissue and overall improvement in facial appearance.
Methods: In this study, 21 subjects were enrolled. The therapy was administered in four 20-min treatments on the forehead and cheeks. Photographs were evaluated by a Global Aesthetic Improvement Score (GAIS) and linear measurements of facial tissue lifting at 1- and 3-month follow-ups. Volumetric changes in the cheek area were investigated as well. The patients' satisfaction, safety, and comfort were documented throughout the study.
Results: The data indicated improvement in overall facial appearance, and 23% of average lifting was found in brows ($p = 3.14 \times 10^{-13}$) and cheeks ($p = 6.00 \times 10^{-15}$). The assessment of digital photographs showed an improvement in 100% of patients at 3-month follow-up. The treatments were safe, accompanied by high therapy comfort and subject satisfaction of 98%.
Conclusions: The treatment by simultaneous RF and HIFES technology produces significant changes to the overall facial appearance, characterized by the lifting of facial tissues.

KEYWORDS
facelift, facial muscles, HIFES, noninvasive, RF

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824 | wileyonlinelibrary.com/journal/jocd J Cosmet Dermatol. 2024;23:824-829.

Title : Remodeling of facial soft tissue induced by simultaneous application of HIFES and synchronized radiofrequency provides nonsurgical lift of facial soft tissues

Author : Brian M. Kinney MD, Charles M. Boyd MD

Summary : Applying RF and low-frequency stimulation to the face can enhance dermal density and improve muscle function. These improvements contribute to a more defined facial contour, leading to aesthetic enhancement.

Most participants described the treatment as comfortable and painless, with 98.2% reporting satisfaction in this study.

Improvement of skin wrinkles and elasticity through RF and electrical stimulation

Novel Approach to Facial Rejuvenation by Treating Cutaneous and Soft Tissue for Wrinkles Reduction: First Experience from Multicenter Clinical Trial

Richard Gentile, MD,^{1,*} and Yael Halaas, MD, FACS²

Abstract

Background: Facial aging is determined by skin quality and the condition of underlying muscles, which contribute to the overall appearance by lifting heavy facial structures.

Objective: This study aims to assess the safety and effectiveness of the novel radiofrequency (RF) and high-intensity facial muscle stimulation (HIFES) technology for treating wrinkles by facial tissue remodeling.

Methods: This trial assessed the 3-month data of 24 subjects seeking facial wrinkles treatment. All subjects received four treatments, with a device utilizing RF and HIFES. The evaluation included a two-dimensional photographs assessment according to the Fitzpatrick Wrinkle and Elastosis Scale (FWES) and a three-dimensional (3D) photograph analysis for facial appearance. Therapy comfort and subject satisfaction were assessed.

Results: Based on the data of 24 subjects (56.5 ± 2.0 years, skin types I–IV), the significant improvement increased up to 3 months (−2.3 points, $p < 0.001$) post-treatment. 3D photographs analysis documented notable cutaneous and structural rejuvenation and coincided with FWES evaluation, underlining the positive subjective appreciation of the results with 20.4% average wrinkle reduction at 1 month, further increasing to 36.6% wrinkle reduction at 3 months.

Conclusion: Documented by both subjective and objective evaluation tools, the RF and HIFES procedure for facial rejuvenation was found to be effective for treatment of wrinkles and skin texture. ClinicalTrials.gov Identifier: NCT05519124.

Introduction

In recent years, various noninvasive and minimally invasive procedures have been developed, mainly for skin tightening,^{1–4} primarily utilizing ultrasound, radiofrequency (RF), or laser energy. The RF modality has become widely adopted due to its ability to induce production of new collagen and elastin fibrils while enhancing the existing connective tissue structures, and

cellular metabolism.⁵ Nonetheless, when it comes to facial appearance, counteracting only the signs of skin aging is part of the solution.^{6–9} The loss of density of underlying muscles plays an important role in overall facial appearance.¹⁰

The direct relationship between facial muscles and skin appearance is based on the muscle toning effect that improves the density and quality of facial muscles, hence

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Title : Novel Approach to Facial Rejuvenation by Treating Cutaneous and Soft Tissue for Wrinkles Reduction: First Experience from Multicenter Clinical Trial

Author : Richard Gentile, MD, and Yael Halaas, MD, FACS

Summary : RF and low-frequency electrical stimulation can improve wrinkles and skin elasticity. The treatment device used in this study applied electrical stimulation at 250Hz, and participants' wrinkles were reduced by an average of 20.4% after one month and 36.6% after three months of treatment.



Before
treatment

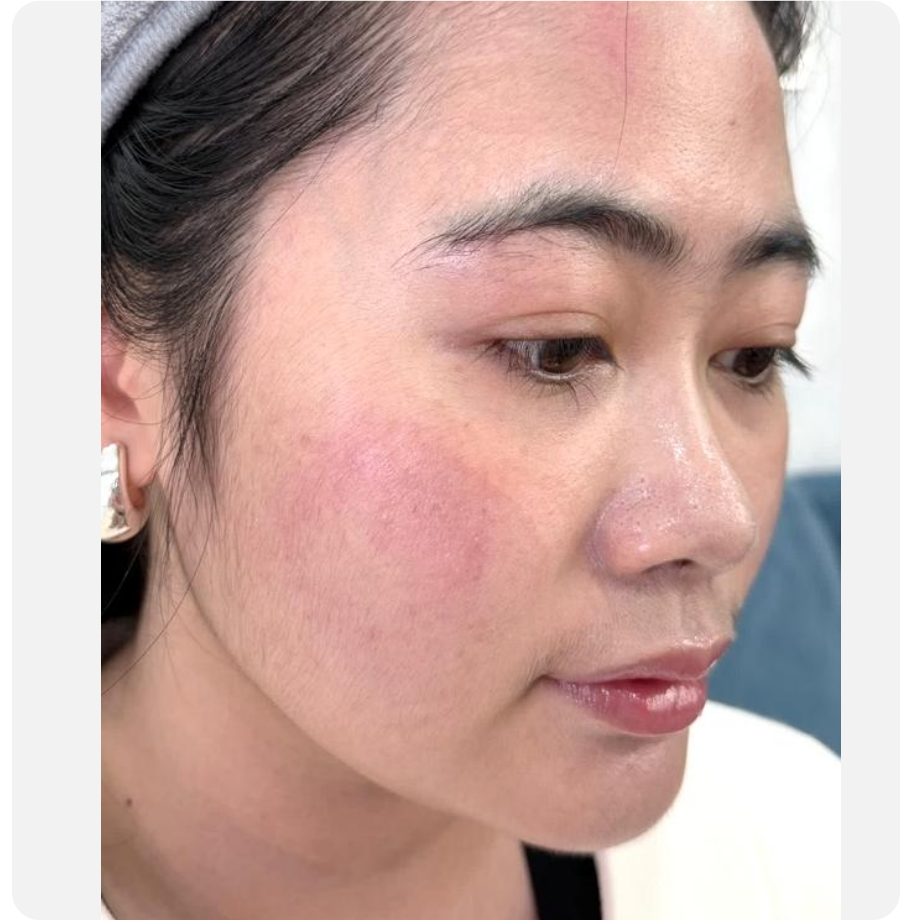
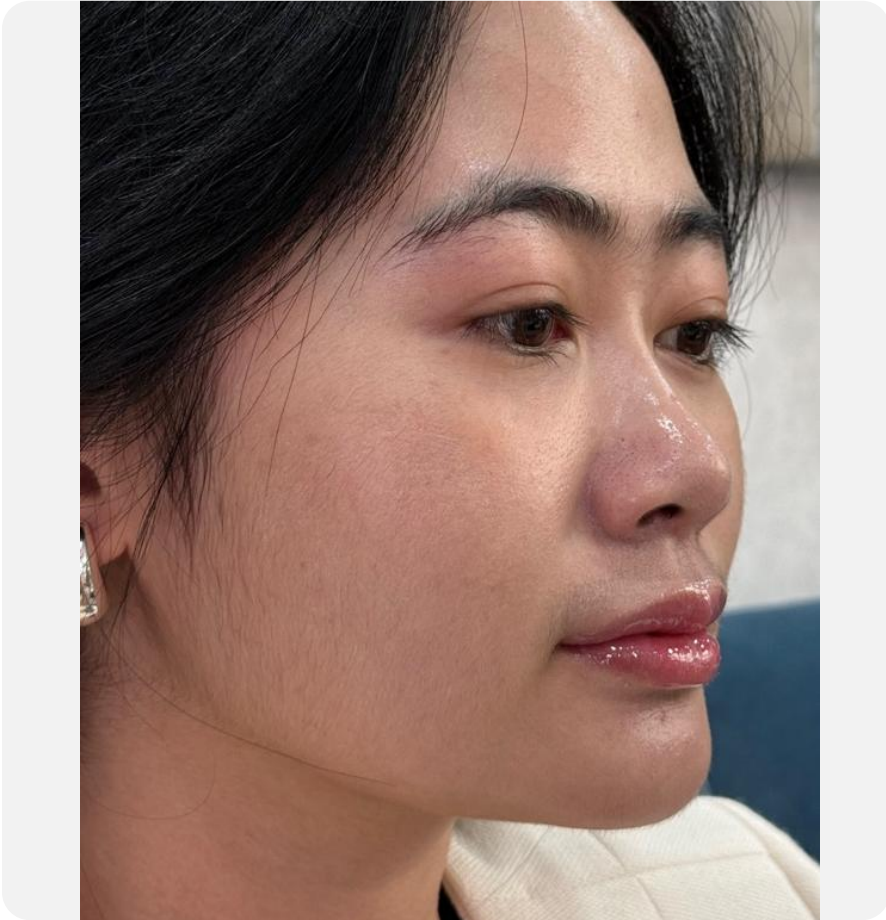
3 months after
treatment



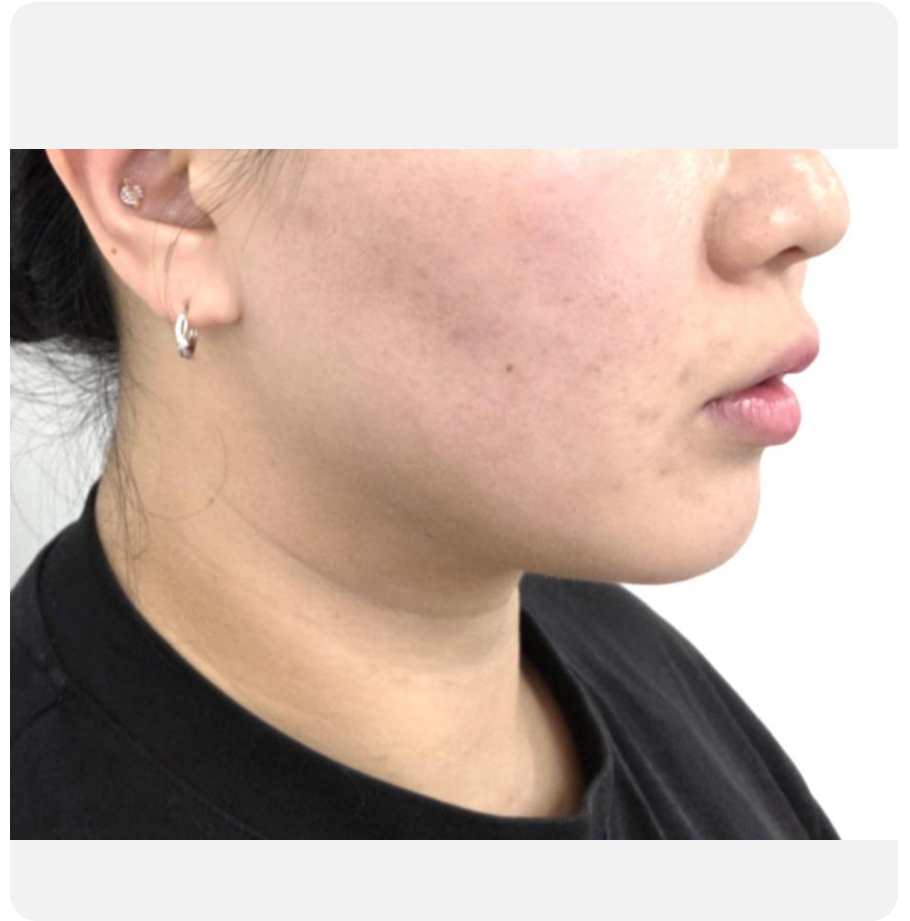
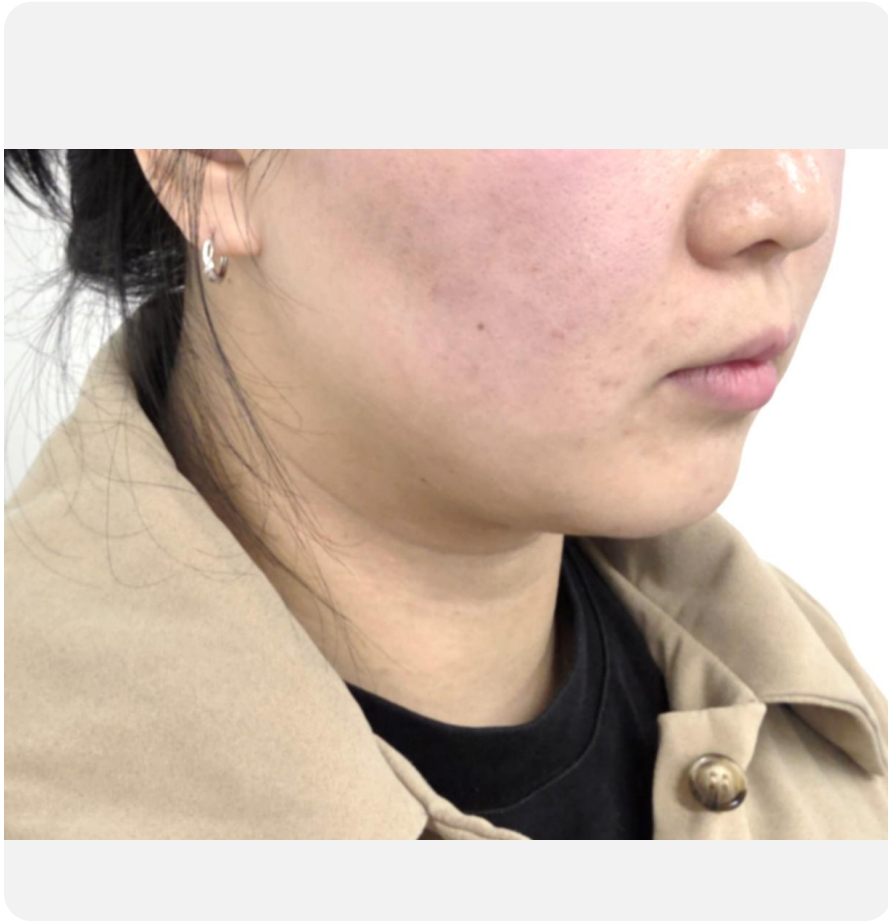
Before
treatment

3 months after
treatment

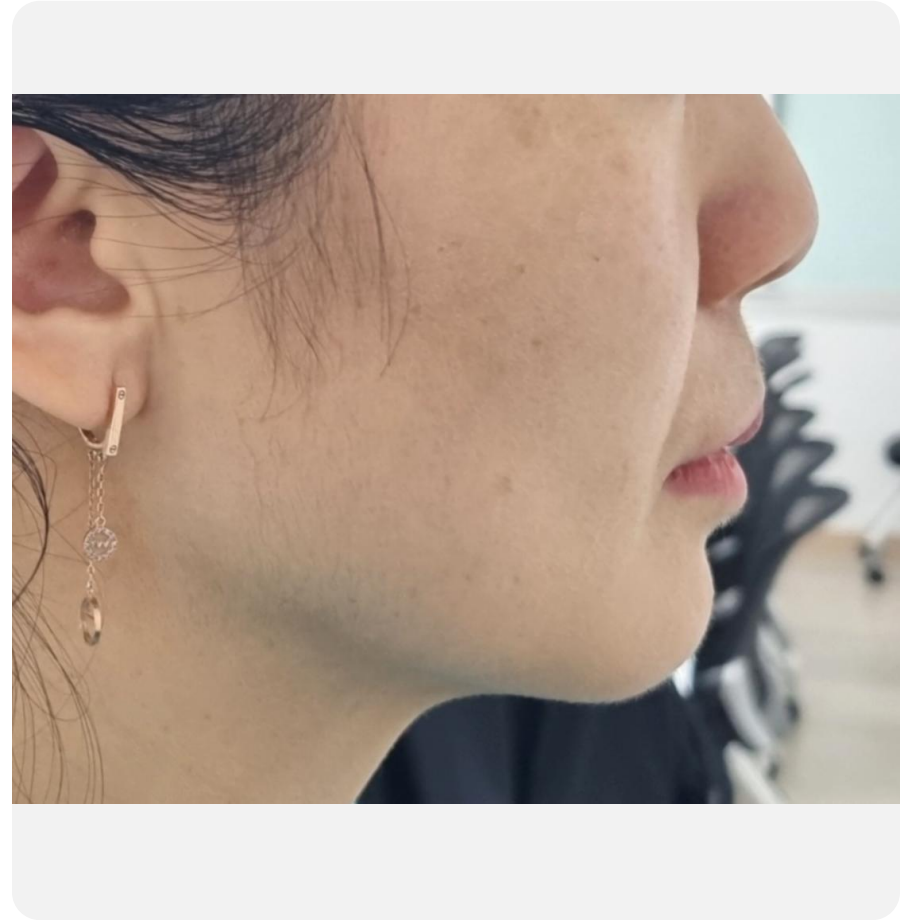
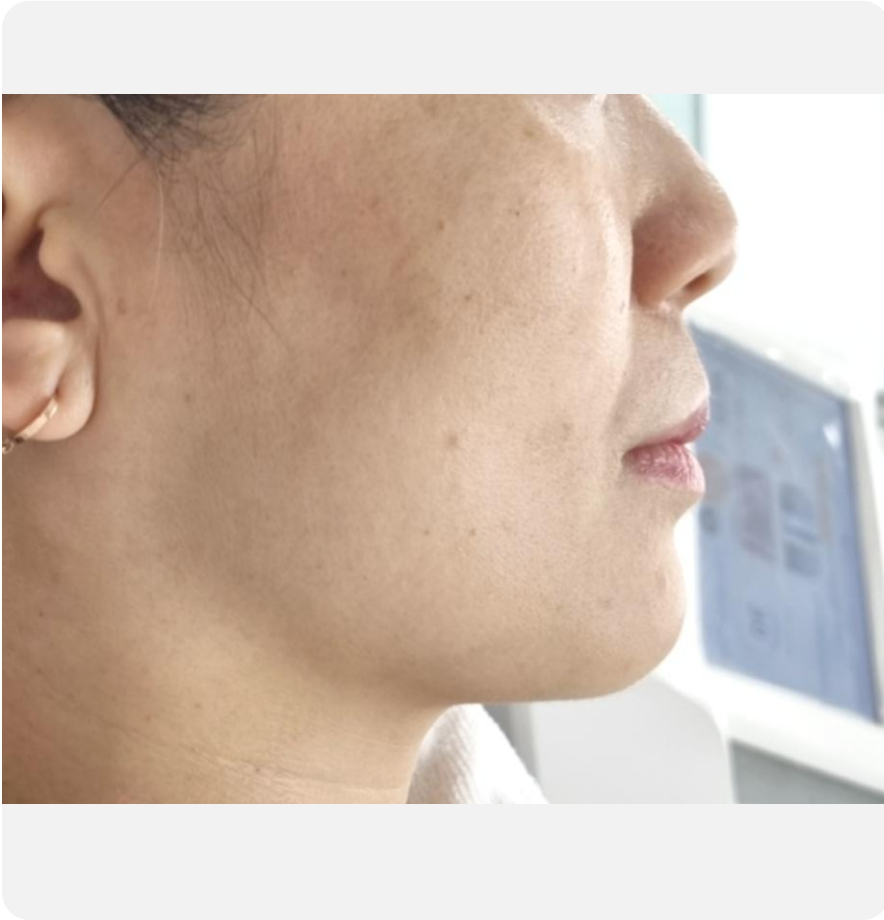
Before & After



Sex	Female
Age	Early 30's
Setting Value	FOREHEAD + FACE
Treatment Time	2 time



Sex	Female
Age	Mid 20's
Setting Value	FOREHEAD + FACE + CHIN
Treatment Time	1 time



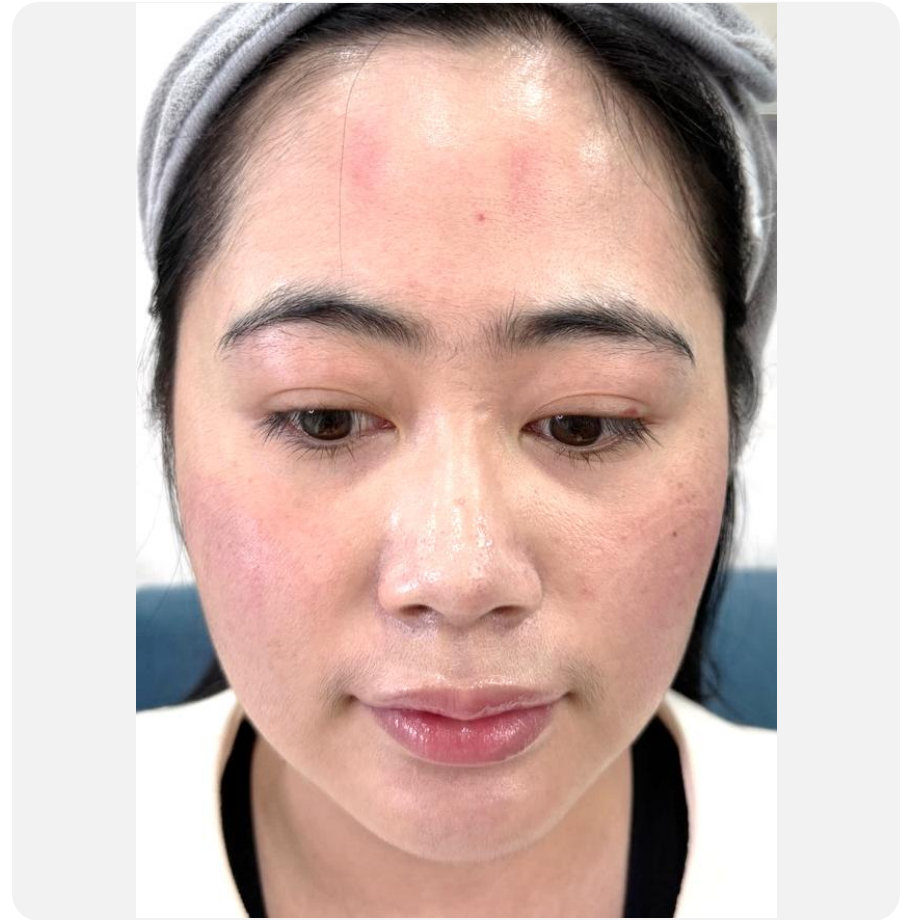
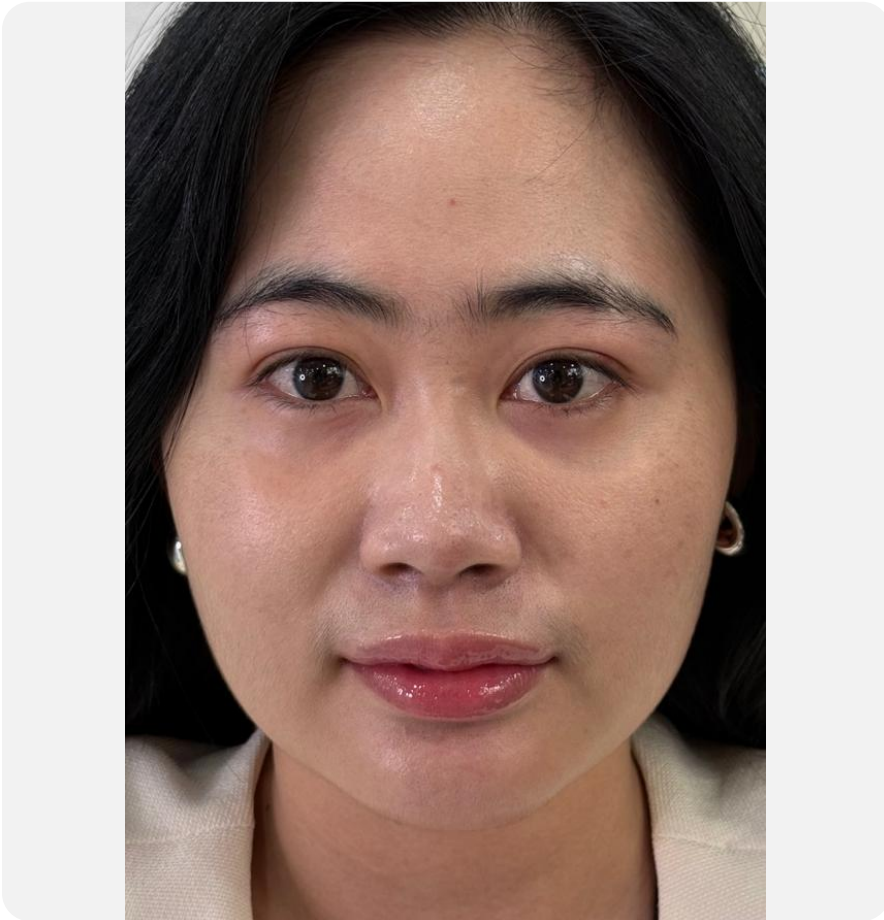
Sex	Female
Age	Late 40's
Setting Value	FOREHEAD + FACE
Treatment Time	3 time



Sex	Female
Age	Mid 40's
Setting Value	FOREHEAD + FACE
Treatment Time	3 time



Sex	male
Age	Late 40's
Setting Value	FOREHEAD + FACE
Treatment Time	4 time



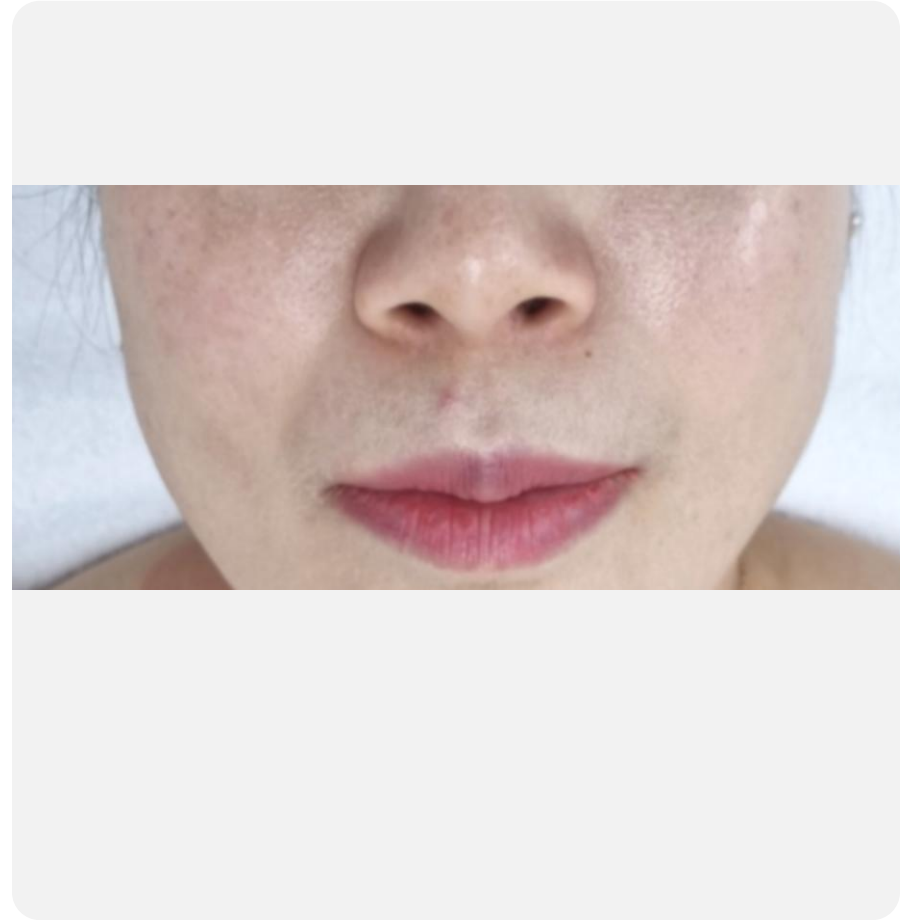
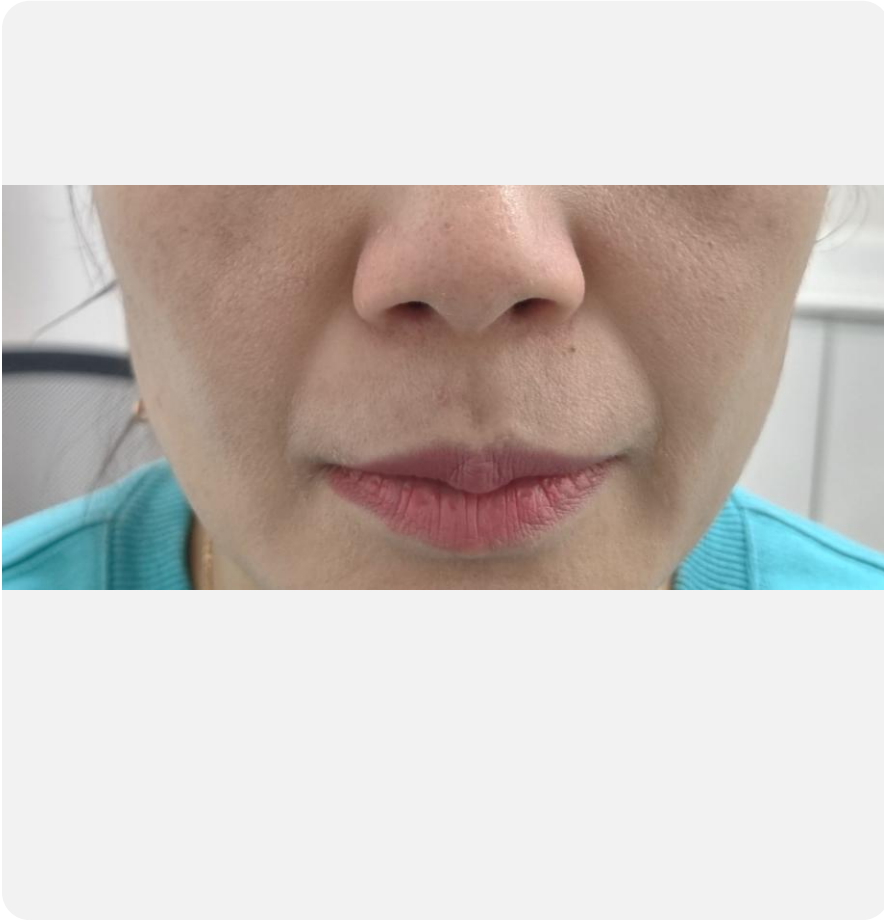
Sex	Female
Age	Early 30's
Setting Value	FOREHEAD + FACE
Treatment Time	2 time



Sex	Female
Age	Early 40's
Setting Value	FOREHEAD + FACE + CHIN
Treatment Time	4 time



Sex	Female
Age	Late 40's
Setting Value	FOREHEAD + FACE + EYE
Treatment Time	5 time



Sex	Female
Age	Late 40's
Setting Value	FOREHEAD + FACE
Treatment Time	5 time

THANK YOU