

EMFACE®

Functional

TMJ Relief Redefined



EMFACE | Functional

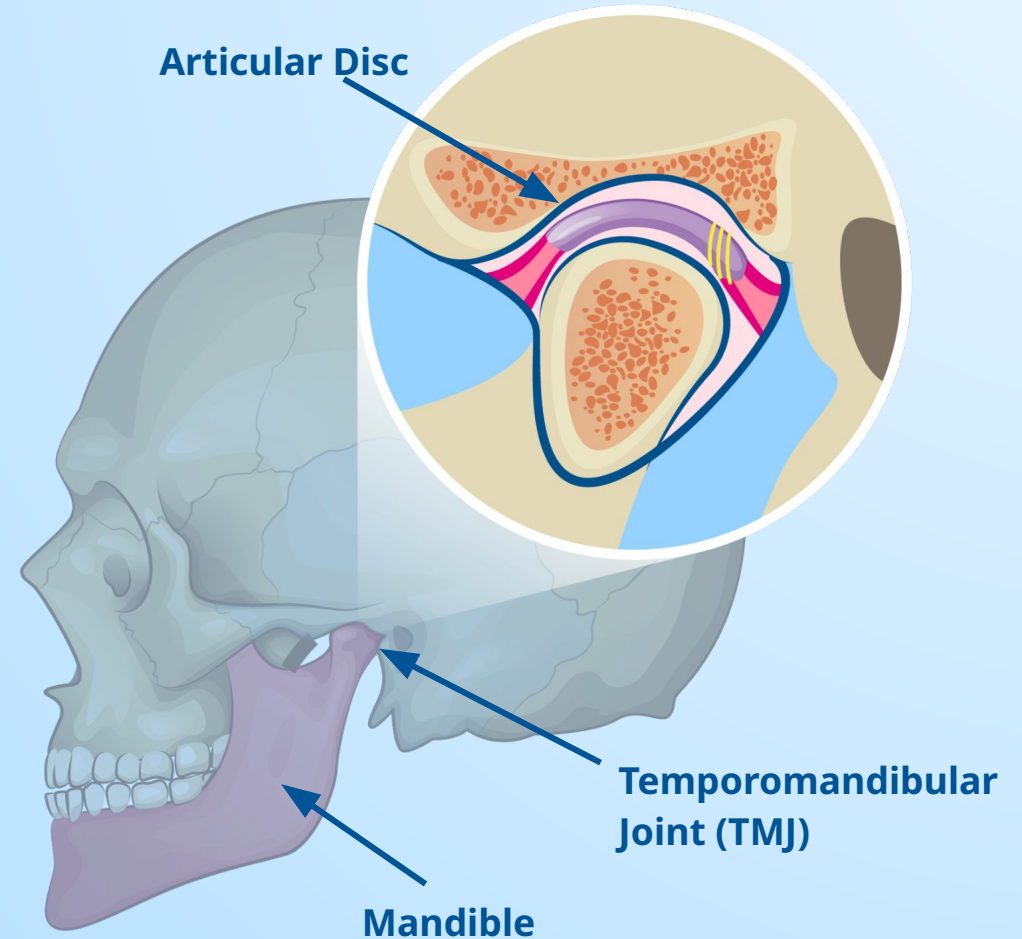


Defining TMJ and TMD

What is TMJ?

Temporomandibular Joint (TMJ)

The joint that connects your lower jaw to your skull and allows you to move your jaw for speaking, chewing, yawning, and other everyday activities.



TMJ is Essential for Basic Life Functions



Eating

Chewing and biting require TMJ function



Speaking

Every word involves controlled TMJ movement



Swallowing

Each swallow engages the TMJ



Breathing and Yawning

Even passive movements utilize the TMJ

What is TMD?

Temporomandibular Joint Disorder (TMD)

A group of conditions affecting the temporomandibular joint, jaw muscles, and related structures, which can cause pain, limited movement, and other functional problems with speaking, chewing, yawning, and daily activities.



Unlocking a Hidden Opportunity

Defining the Opportunity

1 in 12 Americans
Experience TMJ-related Pain¹



High Demand For TMJ Disorder Treatments

**~40
Million**

People affected by TMJ
pain and TMD in the North
America^{1,2}

**\$4
Billion**

Amount spent in the U.S.
on TMJ pain treatments³

TMD Prevalence is Growing



Screen time of 6+ hrs/day → posture issues, “tech neck”¹



Increased bruxism due to stress and anxiety³



Lower chewing demand²



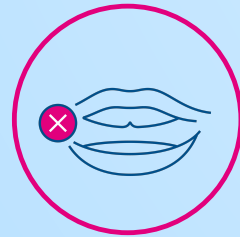
Patients link TMD to reduced quality of life and mental health concerns⁴

Common Patient Concerns

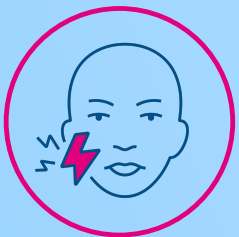
Health Care Providers see these symptoms every day...



Jaw pain



Limited range of motion

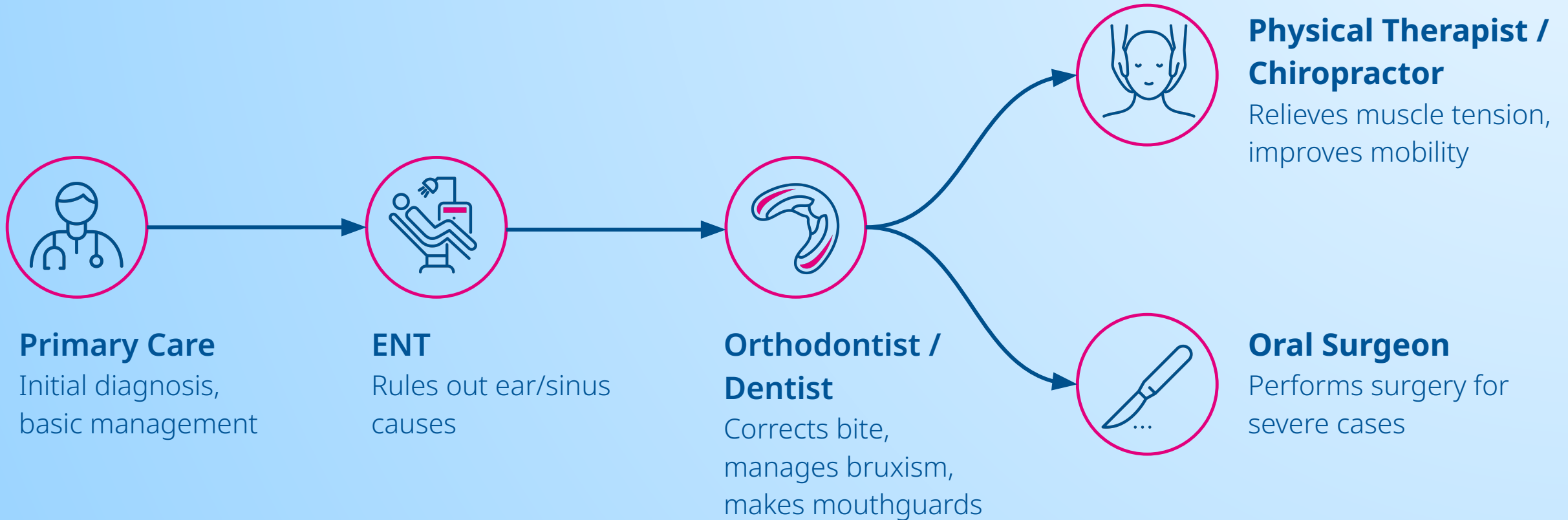


**Bruxism (clenching) &
facial tension**



Clicking, popping, worn enamel

The Patient Journey with TMD



Current TMD Treatment Options

- **Orthotics/Splints/Night guards** → Provide only band-aid solution
- **TENS** → Require long treatment times and multiple sessions
- **Neuromodulators** → Involve injections and are invasive
- **Surgery** → Is invasive with significant downtime



EMFACE[®]

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The TMJ Procedure

Regulatory Overview

FDA 510(k) Clearance

The EMFACE device with the controller and single-use applicators has following indications for use:

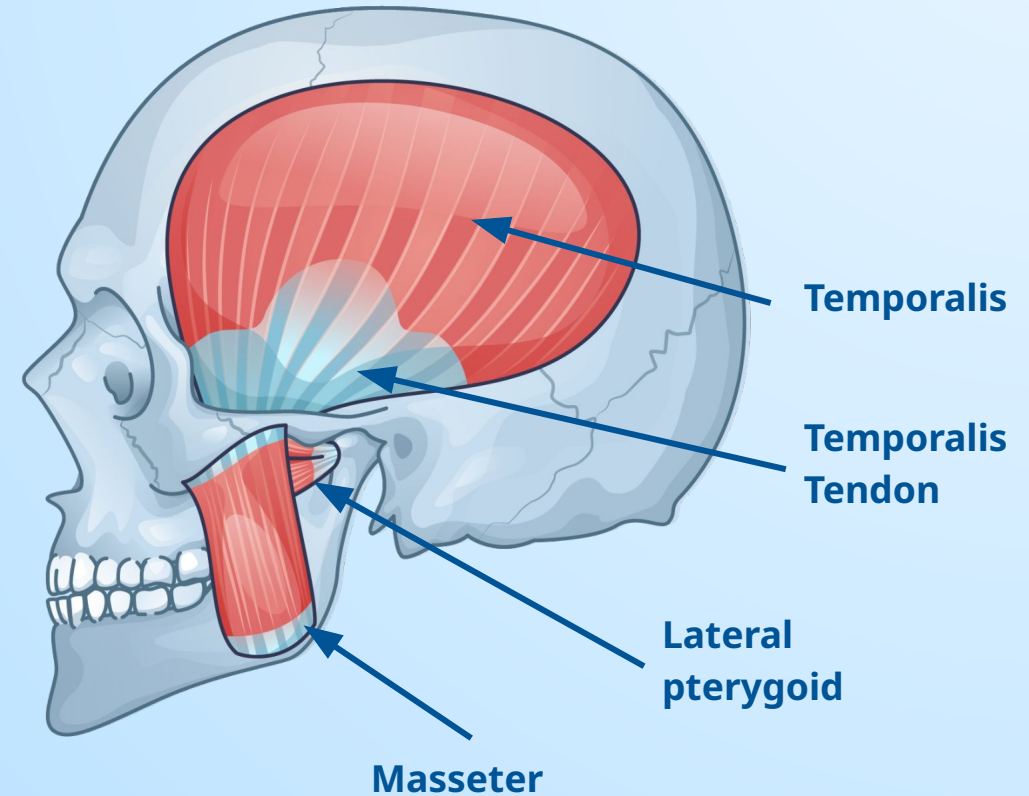
- To relieve symptoms associated with muscle spasm, to treat temporomandibular joint (TMJ) dysfunction and associated pain
- Muscle re-education
- Increasing blood flow
- Maintain or increase mandibular range of motion

Health Canada Licence

- The EMFACE used with EMFACE cheek single use applicators is intended to relieve symptoms associated with muscle spasm, treat temporomandibular joint (TMJ) dysfunction and pain, support muscle re-education, increase blood flow, and maintain or increase mandibular range of motion.

Root Causes of TMD?

- Musculoskeletal conditions = Most common cause of TMD¹
 - Chronic muscle tension (the masseter, temporalis, and pterygoid muscles)
- Secondary sources of pain
 - Local inflammation, acute trauma, poor posture balance, joint stress etc.



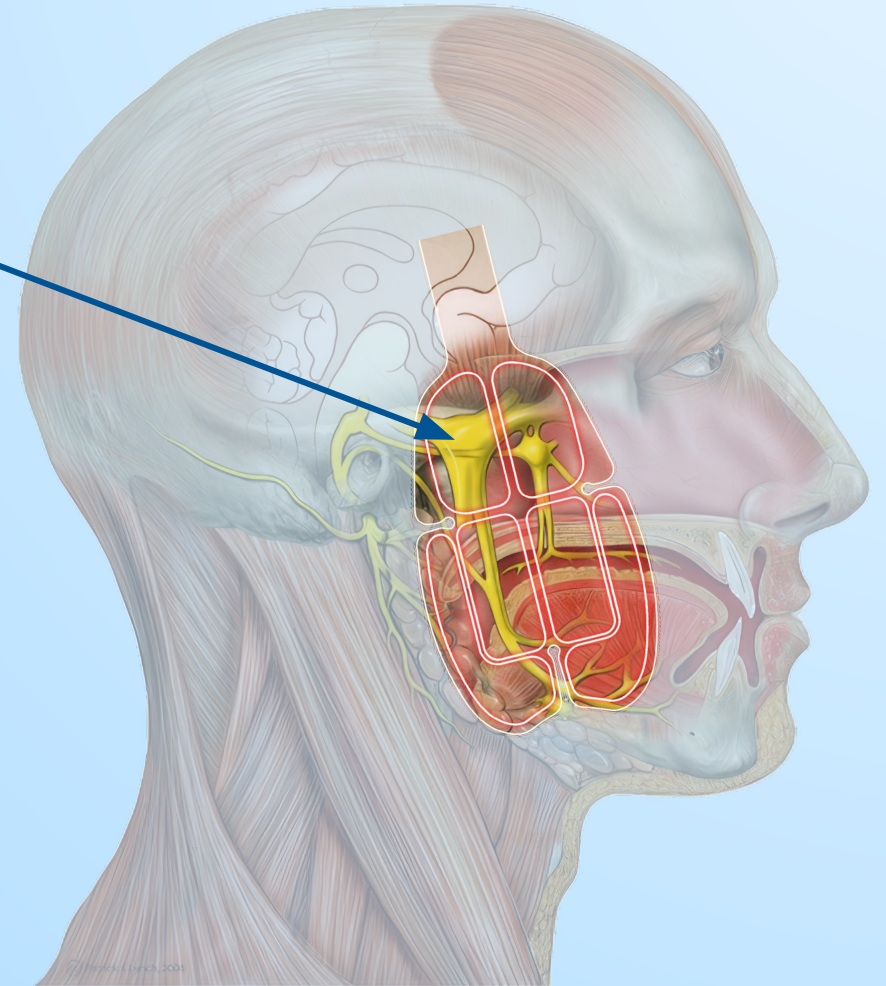
Pain propagates to other structures mimics headaches, earaches, or dental pain

Trigeminal Nerve and Associated Muscles

Trigeminal Nerve (Cranial Nerve V)

Primary sensory nerve of the face and motor nerve to the muscles of mastication:

- Masseter
- Temporalis
- Medial Pterygoid
- Lateral Pterygoid



The Technology Behind the Emface TMJ



Ultra-Low Frequency HIFES
stimulation



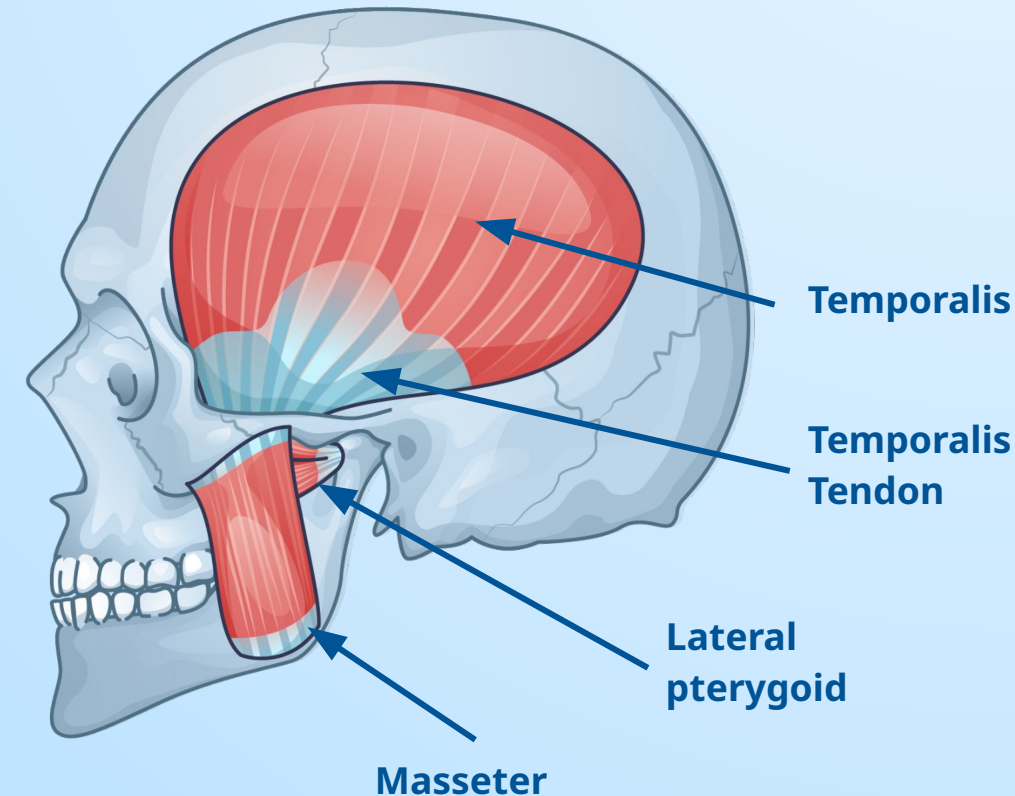
Monopolar RF heating

Combined Power:

Ultra-Low Frequency HIFES relaxes the muscles, while Sync RF enhances blood flow and recovery, delivering unmatched symptom relief.

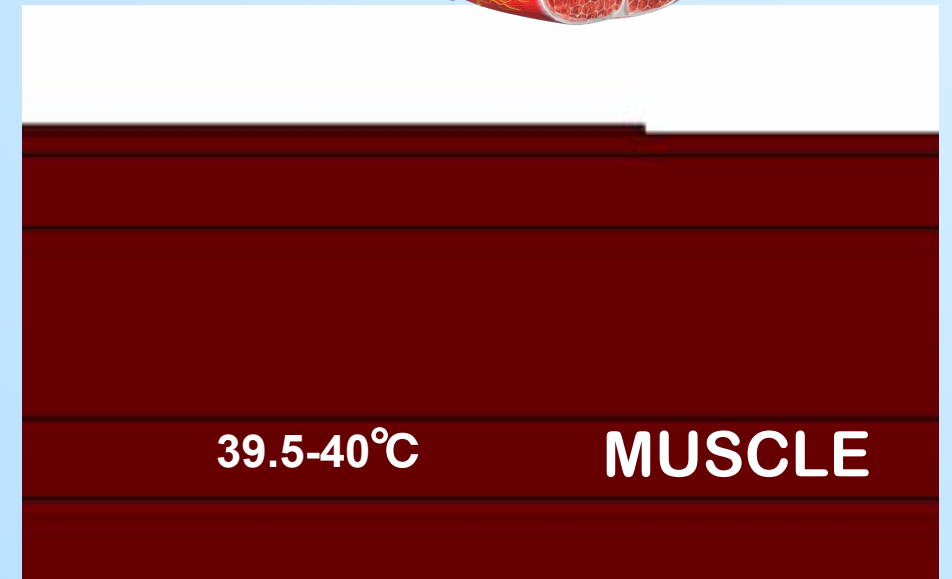
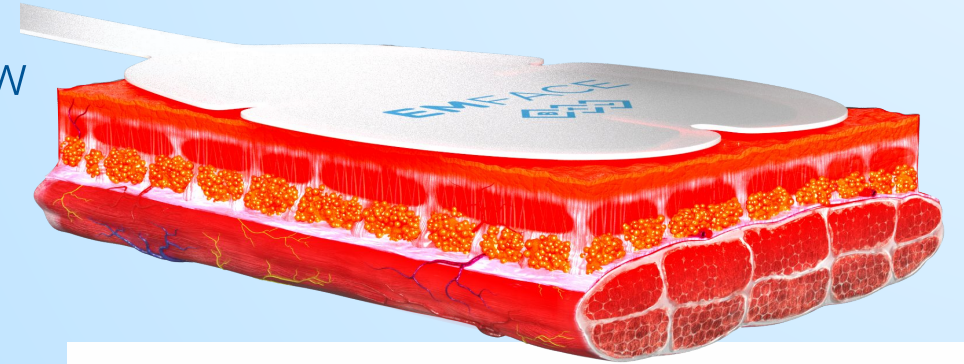
Ultra-Low Frequency HIFES

- Targets the trigeminal nerve
- Relieves muscle tension by stimulating the **masseter, temporalis, and pterygoid muscles**
- Reduces joint stiffness to support smooth jaw movement
- Improves functional range of motion

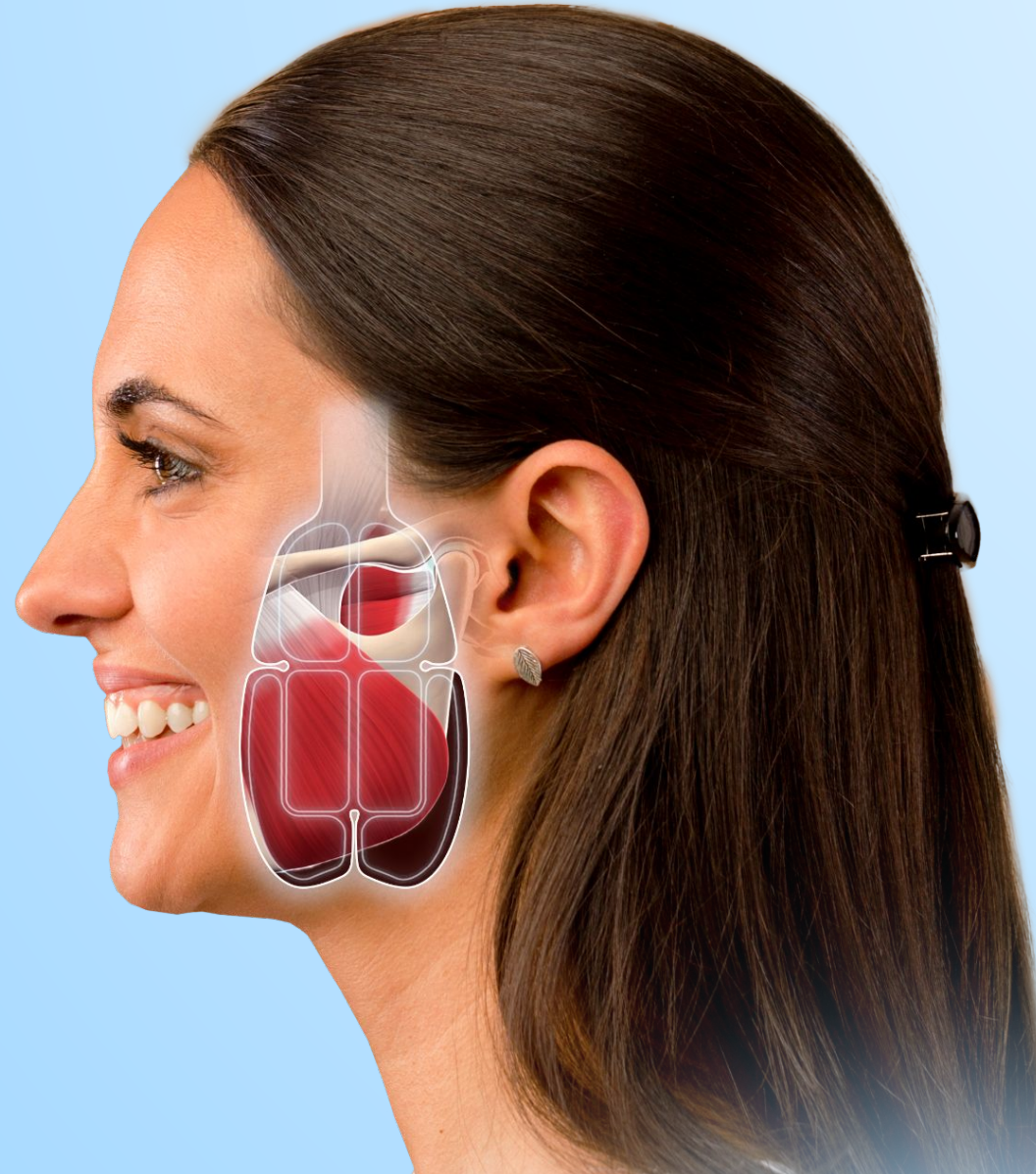


Synchronized RF

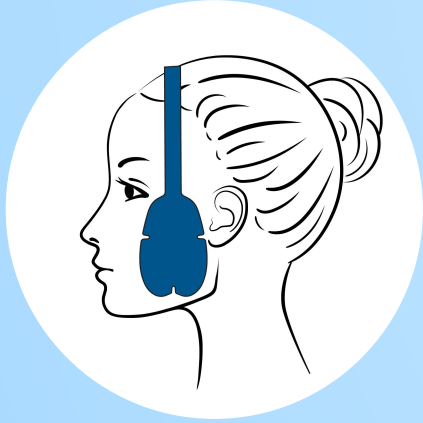
- Sync RF is emitted simultaneously with Ultra-Low Frequency HIFES
- Active area across entire applicator provides uniform heating
- Increased tissue temperature leads to:
 - Vasodilation
 - Increased blood flow
 - Muscle relaxation



Applicator Positioning

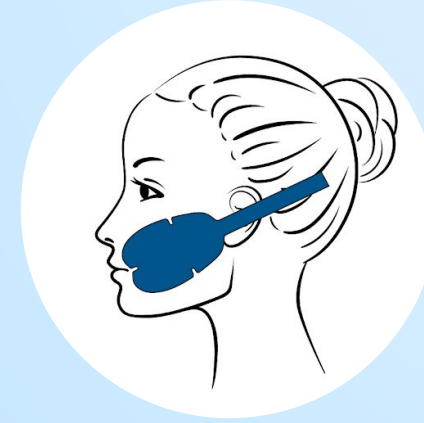


Distinct Emface Protocols



TMJ Protocol

- Designed to relieve symptoms associated with muscle spasm, to treat temporomandibular joint (TMJ) dysfunction and associated pain
- Delivers ultra-low frequency pulses (0.67 Hz)
- Provides gentle, consistent stimulation to the masseter, temporalis, and pterygoid muscles



Emface Protocol

- Designed for muscle toning and facial sculpting
- Delivers high-frequency pulses (250 Hz)
- Provides dynamic stimulation for facial elevator muscles

Emface TMJ Ambassadors



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Emface TMJ Summary

- FDA 510(k) cleared & Health Canada licensed: relief of symptoms associated with muscle spasm, TMJ dysfunction/pain, muscle re-education, increased blood flow, and maintenance/improvement of mandibular range of motion
- Delivers functional treatment - goes beyond aesthetics, offering a complete facial wellness solution
- Improves quality of life by helping patients feel and look better
- Increases patient flow and expands service offerings

