

EMFACE FUNCTIONAL: TMJ Dysfunction Management

A Novel Approach to Temporomandibular Joint (TMJ) Dysfunction Management
Using Ultra-Low Frequency HIFES and Synchronized RF: Preliminary Results

Shireen Dhanani, DMD¹, Katya Kulic, DDS², Tina Chandra, DDS³

1. My Dental Touch Wellness Studio, Leesburg, FL, USA, 2. LE BLANC General Dentistry and Aesthetics, Houston, TX, USA,
3. Chandra Smile Designs, Ocala, FL, USA

Highlights

- 25 patients (23-77 years) received four 20-minute EMFACE Functional TMJ treatments, spaced 2-14 days apart
- Assessment of temporomandibular joint (TMJ) function included the TMD Disability Index, mandibular range of motion (ROM), and lateral ROM measurements
- 100% of patients reported improved jaw relaxation after treatments
- Patients reported an 89% improvement in their ability to perform daily activities (e.g., brushing teeth, flossing)
- No adverse events were reported

91%

of Patients Reported Satisfaction
with the Treatment Outcomes

95%

of Patients Reported
Improved Jaw Mobility

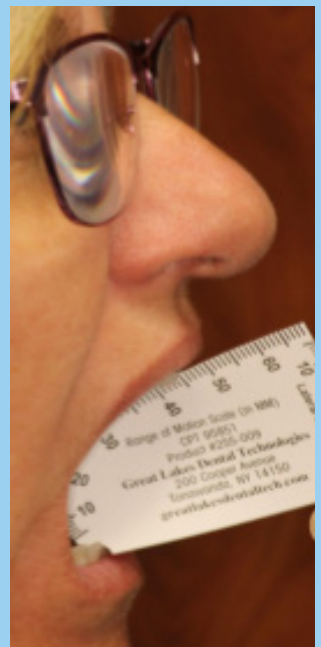
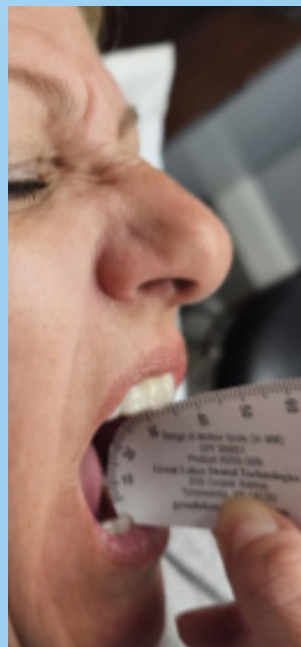
91%

of Patients Reported Reduced Pain
During Eating and Chewing

Baseline

After 4th Treatment

1 Month Follow-up



Mandibular range of motion in a 55-year-old female patient at baseline (with pain), after the 4th session, and at 1-month follow-up. A 10-mm improvement in maximal opening was observed, with resolution of pain.