



WHAT – HOW – WHY – IF

KEY POINT: EARLY TREATMENT IS ESSENTIAL

The earlier you treat & unlock the TMJ the more the face will adapt to your concept. The later you treat, your concept will have to fit the face. - Dr. Carl GUGINO

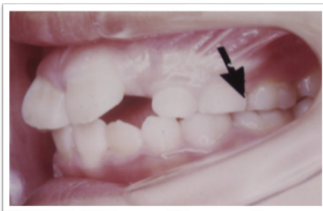
ASSUMPTION ?

Every patient who has a malocclusion has some degree of dysfunction

The Nezu Orthodontic Clinic - Kawasaki - Japan

RESULT OF DYSFUNCTION

Result of 12 years prolonged swallowing and breathing dysfunction



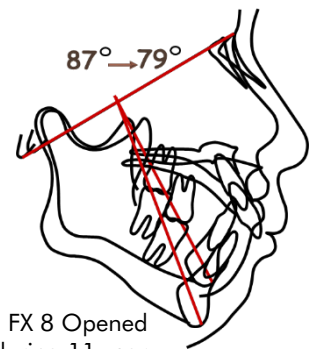
1978



1980



1990



NEUTRALIZE THE FUNCTIONAL MATRIX

1. Breathing/Swallowing
2. Muscles
3. Posture
4. Elimination of all potential habits
5. Nutrition

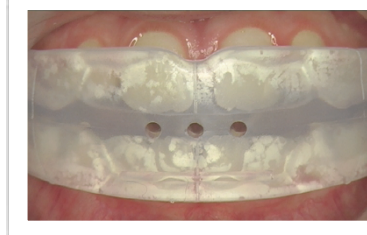


Courtesy of Dr. Rollet & Dr. Dercsar

CASE USING UConcept APPLIANCE



Before



U Start



After 12 Months



CONTEMPORARY ZEROBASE BIOPROGRESSIVE PHILOSOPHY

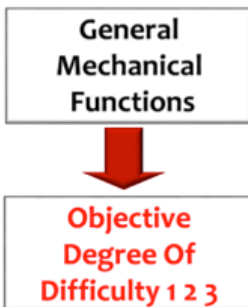
Awareness / Wellness Training
It is easier to Prevent than to correct.

- Dr. Carl GUGINO



PART 10 OF THE DIAGNOSTIC AND TREATMENT DESIGN SYSTEM

PART
✓10

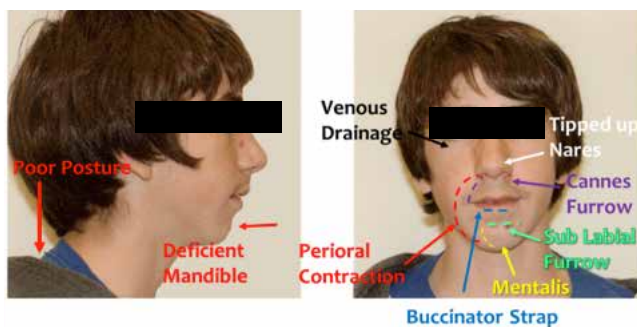
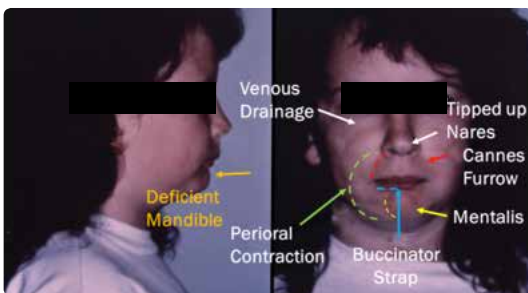


Sequence of
“Unlocking”

YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	AWARENESS/WELLNESS TRAINING
YES <input type="checkbox"/>	NO <input type="checkbox"/>	UConcept Training Appliance
YES <input type="checkbox"/>	NO <input type="checkbox"/>	TRANSVERSE CONTROL
YES <input type="checkbox"/>	NO <input type="checkbox"/>	UPPER & LOWER INCISOR CONTROL
YES <input type="checkbox"/>	NO <input type="checkbox"/>	ORTHOPEDIC PT.A CONTROL
YES <input type="checkbox"/>	NO <input type="checkbox"/>	PLASTIC FUNCTIONAL APPLIANCES
YES <input type="checkbox"/>	NO <input type="checkbox"/>	UConcept Training Appliance
YES <input type="checkbox"/>	NO <input type="checkbox"/>	ELASTDONTICS
YES <input type="checkbox"/>	NO <input type="checkbox"/>	3D Clear Aligner Systems

Looking for Dysfunction in the Functional Matrix of the face

Class II div 1 displaced disks





WHY THE INNER SMILE?

A Neutralized Functional Matrix becomes the Inner Smile supporting the Outer Smile.

- Dr. Carl GUGINO



MAJOR GOAL: CREATING GREAT SMILES

WHAT IS A SMILE? WHAT MAKES UP A SMILE?

The Inner Smile maintains the Outer Smile



Smile



**INNER
SMILE**

**OUTER
SMILE**

Neutral Line

↓
Neutralize
Functional
Matrix

↓
Putting Balance
and Harmony
into the face

↓
Unlock Function

**AWARENESS
WELLNESS
TRAINING**

↓
Unlock Denture

**MECHANICAL
UNLOCKING**

- MECHANICS**
1. Awareness/Wellness Training
 2. Transverse Change
 3. Unlock $\frac{21}{21} \frac{12}{12}$
 4. Plastic Functional Training Appliance
 5. Elastodontics/clear aligners

WHY THE INNER SMILE?

We are Creating Functional Esthetics



IT NEEDS TO BE NEUTRALIZED

Diagnose and neutralize the functional matrix - Dr. Carl GUGINO



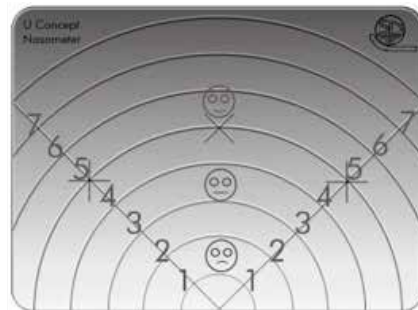
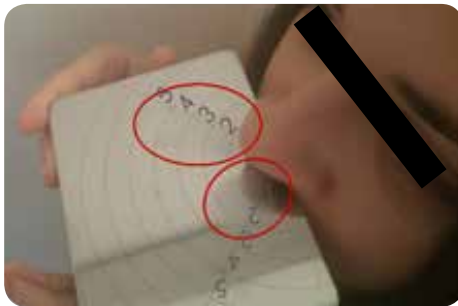
U Concept – NASAL MIRROR – USE AT EACH APPOINTMENT.

Simplified and quick evaluation in initial exam and throughout treatment.

Simple airflow breathing check to monitor treatment results.

Check "IF" breathing airflow is improving at each appointment.

Before Saline Rinse
Right Side Range 5
Left Side Range 3



After Saline Rinse
Right Side Range 5
Left Side Range 5



WHAT DO THE NUMBER RANGES MEAN?

- 0 Range : complete nasal obstruction
- 1 Range : indicates lack of nasal air flow
- 2 Range : indicates reduced nasal air flow
- 3 Range : indicates normal for growing children, but lack of nasal air flow for adults
- 4 Range : indicates improved to sufficient air flow
- 5 Range : indicates good air flow.

FUNCTIONAL MATRIX NEEDED FOR RELAXED MUSCLES

- | | |
|--------------------------|--|
| 1. Breathing /Swallowing | 4. Elimination of all potential habits |
| 2. Muscles | 5. Nutrition |
| 3. Posture | |

} **Range of motion**
Total Posture Balance

