U Concept®

The Ultimate Bio Trainer

U CONCEPT® CONTRIBUTES TO MYOFUNCTIONAL REEDUCATION

BREATHING

SWALLOWING

CHEWING

POSTURE

FACIAL BALANCE



- Physiological & adjustable
- Biocompatible silicone
- Flexible & confortable
- Painless & scentless
- Individualized to patient

NEW
FLEXIBLE
or SEMI-RIGID

MADE IN EUROPE

u-concept-ortho.com

THE ORIGINS OF THE CONCEPT

EARLY MEDICAL CARE IN ORTHODONTICS

More than 25 years ago, Carl F. Gugino already stated with evidence that:

«Any patient with malformations/malocclusions also has Myofunctional problems, more or less important. The earlier the treatment is initiated, the earlier the physiology of the patient will adapt to the concept».

Even though multiple Universities were involved already in Myofunctional and early approach orthodontics, it was often carried out using hard resin devices during the entire treatment.

On the initiative of Carl F. Gugino, this new approach of Myofunctional and behavioral education led to the development of 2 phase orthodontic treatment: 1st phase the orthopedic part followed by the mechanical part.

In a quarter of a century, the Myofunctional early treatment of patients has become more than a reality, to be now today widely distributed in Europe and around the world, clearly evolving towards a total comprehensive medical approach.

The new **U Concept®** devices, developed by **7 Seas Orthodontics S.A.**, follow this evolution and are the results of our 25 years of experience in Myofunctional education both in Europe and internationally.

Thanks to our early (from 90's) involvement in the concept of Myofunctional education, we offer you today a wide range of medical grade silicone devices, manufactured in Europe.

Taking into account our dr's observations and recommendations, the **U Concept®** was born: **The Ultimate Bio Trainer**.

Thanks to our simplified selection guide, the **U concept® - The Ultimate Bio Trainer**, is easy to implement. **U concept®** is oriented towards quality rather than quantity. Offering a concise but complete range of devices, covering all deformation classes and age groups.



TARGET

LOOKING FOR A SUSTAINABLE BALANCE



The management of the etiology of dysfunctions and their treatment directly affects the long-term stability of these treatments.

A stable dental positioning is the result of the early actions on muscular balance, reached by removing the obstructions related to dysfunction: breathing, swallowing, chewing, facial balance, and the posture.

Thanks to the evolution of the materials and the effort of dr's using Myofunctional educators, last generation devices are both flexible and resilient.

Nevertheless, the device itself is only a therapeutic tool supporting the practitioner to validate the different treatment steps that were determined by the diagnostic & individualized treatment plan.

In support of this therapeutic tool, communication with the patient through tools such as:

- visual communication media
- examples of similar cases
- exercises, information documents
- telephone follow-up
- dedicated assistance
- photos of treatment progress

These tools will support the achievement of the objective and will make the patient an actor of his treatment.

In order to inform you and your patient in the best way, following communication tools are available:

- a complete packaging with user guide
- an information and awareness-raising brochure for parents and patients used in waiting room
- a poster dedicated to drawing parents' attention to the the concept of education
- a detailed brochure dedicated to professionals including a quick selection guide
- a didactic briefcase for the practitioner containing the various devices, for demonstration purposes during the first meetings with the parents and the patient.

Building your wellness dream team with UConcept

Dr. C.F. Gugino

CHARACTERISTICS

ADJUSTABLE BUCCAL SHIELDS AND MOLAR BITE PLANES

- Buccal maxillary shield is adjustable to patient's morphology (in case of low inserted frenum), using for example a crown scissor or scalpel 1
- Molar bite planes are extended to have, at least, second molar first cusp rest on it, thus preventing unwanted posterior eruption 2

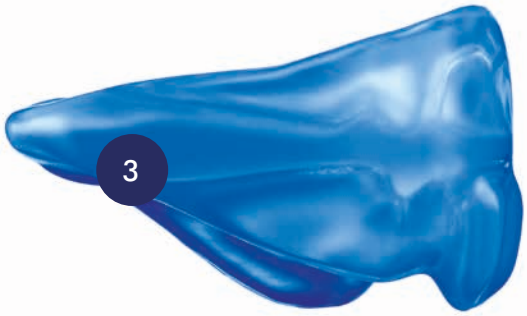


BI-MAXILLARY DENTAL GUIDES AND MUSCLE BUMPERS

- The integrated muscle bumpers allow the functional unlocking and neutralize the functional matrix to create a neutral zone for dental arches development and allow natural growth to occur without constraints

THICKENED INTER MOLAR BITE PLANES AND EDGE TO EDGE ANTERIOR CONSTRUCTION

- Produces the mechanical unlocking through a downward movement of the condyle and an unforced protrusion 3,
- Unlocks mandibular natural growth

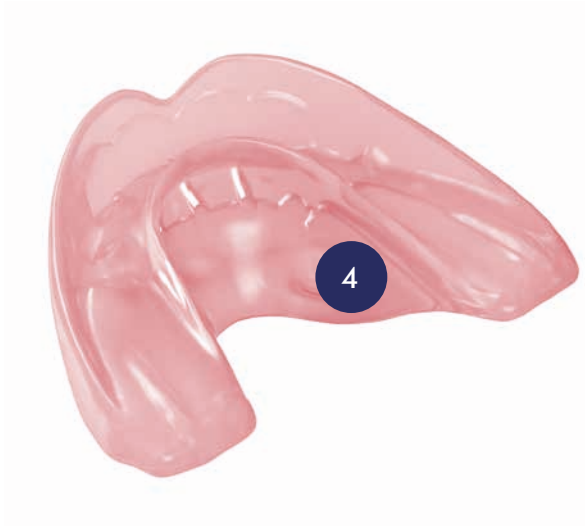


TONGUE GUIDE WITH LATERAL STIMULATORS 4

- Enables re-positioning of tongue into the palate
- Produces maxillary transversal development
- Avoids low rest position of tongue as soon as device is worn

BIOCOMPATIBLE FLEXIBLE OR SEMI-RIGID SILICONE "MADE IN EUROPE"

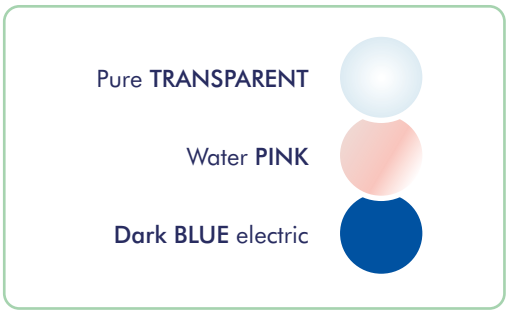
- Our unique soft or semi-rigid biocompatible silicone produces a response to dental/muscular pressure or deficiency, unlike hard materials
- As a consequence, U Concept® devices will generate a muscular stretching effect in brachio facial patterns (hyper tonicity cases) and a muscular stimulation in dolicho facial patterns (hypo tonicity cases)



MOTIVATE YOUR PATIENTS

HAVE YOUR PATIENT SELECT HIS FAVORITE COLOR

U Concept® devices are available in 3 trendy colors to facilitate patient's involvement and acceptance : Pure Transparent, Dark Blue electric and Water Pink.



SOFT, SEMI-RIGID AND ODORLESS

Our soft, semi-rigid appliances are manufactured in Europe with biocompatible silicone, fully odorless to facilitate acceptance and productive treatment progress.

POSTER FOR YOUR WAITING ROOM

Myofunctional treatments are now more and more requested by parents directly. To inform your patients and their parents that your practice is offering such treatments, we have developed a dedicated poster for your waiting room. Ask your local distributor or representative to obtain your own copy.

MAKE IT SIMPLE TO UNDERSTAND

Parents and patients are frequently asking about myofunctional early treatments and request further information. We offer a dedicated brochure, highlighting the key concepts of myofunctional therapy, to be displayed in your waiting room.

USER GUIDE AND WEARING CARD

Our **U Concept®** packaging kit includes a patient user guide describing both patient and parents, how to wear and clean the appliance.

As well, it includes a wearing card for patient to track the time he is wearing the appliance and the practice team to follow up patient's participation.

PACKAGING KIT

- Indicates type and color of device
- Includes a patient user guide
- Includes a wearing card
- Includes a storage box

TRAINING SESSSIONS

Your local distributor is offering specific training sessions for doctors, myofunctional therapists, hygienists and dental assistants to learn how to implement myofunctional therapy in your practice. Contact him to know more about it.



UKiddy – FROM THE AGE OF 3

Our new **UKiddy** appliance is dedicated to take care of Class 1, 2, 3 malocclusions as early as 3 years and until 6 years molars are appearing. It can easily replace the pacifier and thumb, finger or lip sucking bad habits, while adding specific features to improve breathing, swallowing and mastication :

- Labial contact stimulator
- Lingual guide with lateral stimulators
- Buccal shields to neutralize the functional matrix
- 3 integrated breathing holes
- Lip bumpers
- Thickened inter molar bite planes and edge to edge anterior construction



FLEXIBLE SEMI-RIGID

UStart – 4 TO 6 YEARS

- Milk or mixed dentition
- Initial correction of Class 1, 2, 3 under 6 mm overjet
- Arch form reshaping and pre-dental guidance
- Produces unlocking of the mandible
- Corrects: open bite, overjet, overbite, cross bite, dental crowding and midlines



FLEXIBLE SEMI-RIGID

UTrainer – 6 TO 8 YEARS
SOFT

- Mixed or permanent dentition
- Initial correction of Class 1, 2, 3 under 6 mm overjet
- Arch form reshaping and pre-dental guidance
- Produces unlocking of the mandible
- Corrects: open bite, overjet, overbite, cross bite, dental crowding and midlines
- Space maintainer in case of early loss of milk cuspids





FLEXIBLE SEMI-RIGID

UTrainer – 8 TO 14 YEARS +

- Mixed or permanent dentition
- Initial correction of Class 1, 2, 3 under 6 mm overjet
- Arch form reshaping and pre-dental guidance
- Produces unlocking of the mandible
- Corrects: open bite, overjet, overbite, cross bite, dental crowding and midlines
- Space maintainer in case of early milk cuspids loss





FLEXIBLE SEMI-RIGID

NEW

UClass 2 PRE – FROM 6 TO 12 YEARS

- Dedicated to correct severe class 2 malocclusions with labial incompetency, as a first intention or phase 1 device, previous to standard U Class 2,
- Integrates an overjet of 4mm,
- Mandibular rest area is increased to facilitate a progressive and unforced protrusion,
- The mandibular increased mobility will facilitate the wearing of U Class 2 PRE, closing lips and reduce the tension on TMJ.

UClass 2 – FROM 6 TO 12 YEARS

- Mixed or permanent dentition
- Correction of open bite and overjet greater than 6mm
- Increased action on labial reeducation and labio-mentalis
- Replaces UTrainer SOFT and UTrainer in case of an overjet greater than 6 mm and pronounced dental crowding



NEW

UClass 3 SMALL– FROM 4 TO 6 YEARS

UClass 3 – FROM 4 TO 12 YEARS

- Mixed or permanent dentition with patients in Class 3 malocclusion
- Releases pre-maxillary growth potential
- Prevents from mandibular pro-sliding



MYOFUNCTIONAL EDUCATION, A TREATMENT CONCEPT FOR EVERYBODY

NEW

UBrace SMALL – FROM 6 TO 9 YEARS

UBrace – FROM 10 YEARS +

- Mixed or permanent dentition
- Ideal for patients already wearing fixed mechanics or aligners if there is a need to correct dysfunctions in parallel (low position of tongue, lip contact rehabilitation, muscular stretching)
- Accelerates tooth alignment in parallel with fixed mechanics
- Protects gingival mucosa when practicing sport
- In adults: allows easy differential diagnosis in case of TMJ pathology diagnosis
- Produces muscular stretching and pain release with patients suffering from bruxism
- Reduces snoring



Nasometer BY C.F. GUGINO

The NEW Nasometer, developed by Dr. C. F. Gugino for **UConcept®** is a great and simple diagnostic tool dedicated to register the nasal exhalation capacity of your patient and rate it nostril per nostril.

It will allow you to evaluate initial exhalation level and its evolution over time, once the myofunctional treatment is in progress and motivate your patient by showing him the progression of its nasal breathing recovery.





CASES TREATED WITH U CONCEPT® DEVICES

PATIENT 1

BEFORE



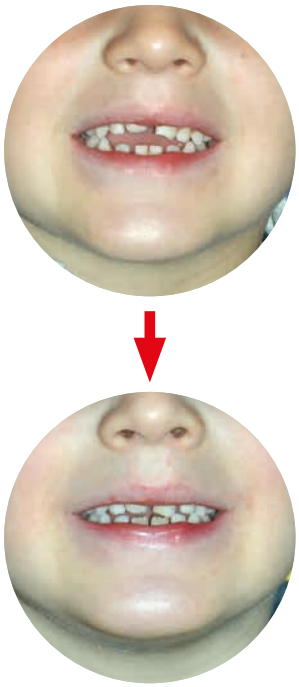
AFTER 11 MONTHS



AGE AT BEGINNING OF TREATMENT
5 and ½ years

SYMPTOMS
- Lingual dysfunction
- Open bite
- Arch form discrepancy
- Narrow maxillary

DEVICES USED DURING MYOFUNCTIONAL TREATMENT
U Kiddy and **U Start**





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PATIENT 2

BEFORE








AFTER 6 MONTHS








AGE AT BEGINNING OF TREATMENT
10 years

SYMPTOMS
- Open bite
- Lingual suction
- Narrow maxillary
- Lower lip dysfunction
- Mouth breathing

DEVICES USED DURING MYOFUNCTIONAL TREATMENT
U Class 2

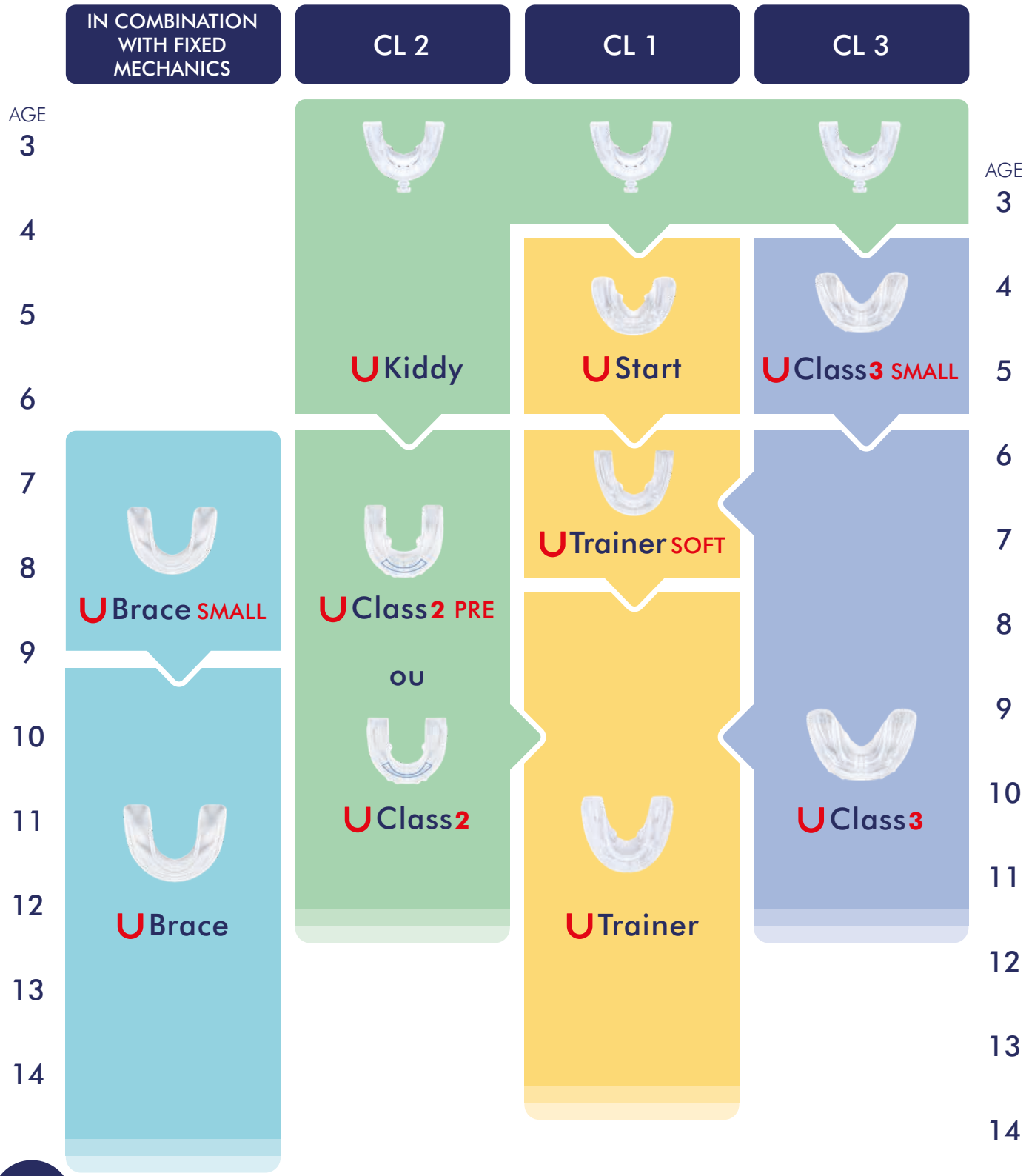




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U Concept
The Ultimate Bio Trainer

APPLIANCE SELECTION GUIDE



NEW ALL APPLIANCES AVAILABLE NOW IN FLEXIBLE OR SEMI-RIGID BIOCOMPATIBLE SILICONE

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Contact your local distributor for more information: