



COURSE – OROFACIAL MOTRICITY AND MALOCCLUSION FOR DENTISTS

Format: In presence

Language: taught in english

1. General Information

1.1. Modality:	1.2. Organization form:	1.3. Total duration:	1.4. Schedule:	1.5. Frequency mode and organization:
Continuing education in dentistry (other vocational training not included in the national qualifications catalog)	In person, combining theoretical and practical sessions	16 hours (8h per session)	9am to 6pm (lunch break from 1pm to 2pm)	Organized in a single module. Group training.

1.6. Context:

In the last decade Speech Therapy, especially the area of Orofacial Motricity, has grown a lot, become more scientific by doing more personalized work, and thus achieving better results in less time. The Speech Therapist came to have a broader vision, being able to relate craniofacial characteristics, such as malocclusion and facial typology with muscular pattern, this way relating form and function. For the Speech Therapist, it became necessary to determine the anatomical limits present in each function; and for the dentist to understand the changes or adaptations present in each malocclusion. This interconnection between Speech Therapy and Dental Medicine is fundamental to develop a dynamic and interactive approach, identifying and avoiding complications or relapses in the treatment of malocclusion, thus promoting therapeutic success.

2. Recipients

2.1. Recipients	2.2. Access requirements	2.3. Vacancies
Dentists	Degree in Dentistry	Minimum number: 10 Maximum number:18

3. Training plan (contents, objectives, course load)

3.3.1. General objectives / Competencies to be acquired

Develop a dynamic and interactive approach between the Speech Therapist and the Dentist in the diagnosis and treatment of malocclusion and oral dysfunctions, identifying and avoiding complications or relapses in the treatment, thus promoting therapeutic success.

3.2. Objetivos específicos da aprendizagem

At the end of this full course, trainees will be able to:

- Recognize the dynamics between Speech Therapy, Malocclusion and Functional Jaw Orthopedics;
- Promote the Speech Therapy and Functional Jaw Orthopedics as specialties that diagnose, prevent and intervene in malocclusion;
- To know and apply a diagnosis of the primary functions of breathing, chewing, swallowing and speaking;
- Know myofunctional techniques for intervention in cases of malocclusion.

3.2. Program Contents (modules, course load, trainers)

Number	Name of the module and contents summary	Practical activities to be carried out	Couse load
Module 1	<p>Dynamics between Functional Jaw Orthopedics and Speech Therapy</p> <ul style="list-style-type: none"> • Morphophysiology of speech organs. • Head and neck muscle manipulation. • Stomatognathic system functions. • Development of the stomatognathic system. • Dynamics between Functional Jaw Orthopedics and Speech Therapy. • Inter (relation) of the form-function binomial. <p>Orofacial Motricity Evaluation</p> <ul style="list-style-type: none"> • Diagnostic Methods in Orofacial Motricity <ul style="list-style-type: none"> ○ Anamnesis ○ Orofacial myofunctional evaluation protocol • Identification of the various diagnoses. • Identification of the professionals involved in the multidisciplinary approach 	<ul style="list-style-type: none"> • Identification of orofacial muscles (origin and insertion) in patients. • AMIOFE Protocol for Diagnosis of Oral Functions • Orofacial muscle manipulation exercises in patients. • Case reports and group discussion • Presentation seminar and discussion of clinical cases of the students. • Realization of reports between the two specialties. 	<p>Total:16h00</p> <p>Theoretical: 08h00</p> <p>Practice: 08h00</p>

	<p>Malocclusion Treatment through Functional Orthopedic Appliances and Prevention.</p> <ul style="list-style-type: none"> Functional Orthopedic Appliances and its mechanism of action <p>Therapeutic Intervention in Functional Jaw Orthopedics and Speech Therapy</p> <ul style="list-style-type: none"> Myofunctional Intervention of the Speech Therapist in malocclusion. Benefits and limitations Application of Neuromuscular Bands in Speech Therapy / Orofacial Motricity 	
--	---	--

4. Training development methodologies

Throughout the training sessions the four pedagogical methods will be used in combination, using essentially the active, interrogative and demonstrative methods. When necessary the expository method will be used. The demonstrative and active techniques are the most used, not only through videos, real case images, clinical case simulations, as well as real work context situations, with practical cases of patients and the students have the opportunity to watch it live and participate in a controlled and targeted manner, thus efficiently and effectively acquiring the necessary practices. The active method is favored because the target audience is professionally active and can thus explore each other's real experiences as a way of addressing certain content and practices, promoting a very active participation of all trainees. The study of practical cases / real clinical cases, the simulated practice as well as case simulation are essential to the complete training of our trainees.

5. Evaluation methodologies

5.1. Training evaluation

This course will be evaluated in the following aspects:

- Evaluation of the reaction / satisfaction of the trainees and trainer (s) regarding the development and organization of the training, by completing a Satisfaction Questionnaire at the end of each module;
 - Evaluation of the Trainer (s) performance, by the Pedagogical Coordinator, by completing the Trainer Performance Evaluation Questionnaire, as well as by the trainees through the Satisfaction questionnaire
 - Evaluation of the impact of the training through a survey carried out about 6 months after completing the course, accompanying the benefits of the course in the performance of functions, thus seeking to determine the transfer of learning to the real context of work, as well as the effectiveness / impact of training.

5.2. Learning evaluation

Each module has an evaluation, carried out according to the following:

5.2.1. Types of evaluation

This course has a formative evaluation, of continuous form throughout the sessions by direct observation and questioning, with the objective of giving feedback, of correcting the techniques, the competences to learn. It also has a summative evaluation, to be carried out at the end of each module through summative tests (written and / or practical).

5.2.2. Evaluation criteria

In the final classification of the course, the following criteria are taken into account:

- Attendance and punctuality– 10%
- Participation and commitment– 25%
- Acquisition and application of skills (average of the tests performed) – 65%

5.2.3. Evaluation Scale

1 - Very Insufficient | 2 – Insufficient | 3 – Sufficient | 4 – Good | 5 – Very Good

5.2.4. Performance

It is considered that the trainee completes the course successfully if he or she obtains a final grade equal to or greater than 3 (three). It is only possible to issue a final grade of the course, after successfully completing the module.

6. Certificate

6.1. Type of document

- The trainees who successfully complete the modules receive a WSEI Certificate, according to the content of the Professional Training Certificate (Decree number 474/2010 of 8 July);
- The certificate is issued in the SIGO Platform, and the competences are credited in the Passaporte Qualifica of each student for the purposes of Passaporte Qualifica;

- The access key to the Passaporte Qualifica will be issued in the SIGO Platform for the trainees who do not already have it.
- The trainees who do not finish the course successfully, can request to the Pedagogical Coordination a Declaration of Participation, in which the reasons for failing will be described;
- The trainees who do not meet the conditions necessary to issue the Certificate in SIGO (because they do not have a valid identification document in this system) will be issued a WSEI Certificate, according to the contents of the Professional Training Certificate.

6.2. Conditions for issuing and delivering the certificate

- Certificates will only be issued at the end of the course, according to the educational achievement obtained.
- The certificate will be issued and delivered no later than one month after the end of the course, provided that the following conditions are met:
 - Completion of the modules successfully (only the completed courses are included in the certificate)
 - Compliance with the attendance regime
 - Have paid the contracted amounts referring to the attendance of the training;
- The Certificate is printed on paper, signed and stamped by the Management and can be picked up at our facilities. It may also be sent via Post Office upon request to the pedagogical coordination.

7. Attendance

- The trainees must comply with an attendance of 80% of the hours of each course and cumulatively of each module.
- The following are the reasons allowed as justification for absences: sick leave, marriage, and accompaniment of third-parties
- The fault justification process can be done by e-mail or telephone call, being preferred the use of the specific form that should be requested to the pedagogical coordinator.

8. Resources and spaces

8.1. Human Resources

For the good development of the training sessions, the pedagogical team is composed by:

- Pedagogical Coordinator: Dra. Sandra Moisés
- Trainer (s) certified by the IEFP (CCP holders) with professional and pedagogical experience
 - Dra. Carina Esperancinha
 - Inês Mendes
- Administrative support

8.2. Teaching resources, materials and facilities

For the good development of the training sessions, the following spaces and resources are assured:

- Theoretical training room with an area of 48m² with the following characteristics and equipment:
 - Tables and chairs of high quality and comfort with capacity for 18 trainees, with 2.5 m² per trainee;
 - Desk of the trainer, composed of table and chair and also a platform with an incorporated computer;
 - The trainer's desk is also equipped with a Camcorder;
 - White board and flipchart;
 - 1 LED screen of 84 inches with 4 inputs (projection / playback presentations, videos, live surgery images etc);
 - 2 LED screens of 55 inches each (projection / playback presentations, videos, live surgery images etc);
- Practical training room / Medical cabinet with 16.66 m² with the application of the "live surgery" method, allowing the trainees to attend live intervention in real cases and to practice:
 - Medical cabinet with a stomatology chair, 2 cameras in the ceiling with great zoom and sharpness capability and a ceiling microphone;
 - 2 wireless headset microphones with sound system in the auditorium and in the medical cabinet.
 - Intraoral and extra-oral cameras in the stomatology chair.
- Other equipment:
 - Multicam System
 - Canon Professional Camera
 - Consumable materials (gloves, bibs, cups, medical tweezers, etc.)
- All training spaces have: excellent lighting conditions (natural and artificial light), thermal and acoustic comfort, compliance with safety and hygiene rules;
- Access to WC without gender differentiation; access for people with reduced mobility;
- All trainees have access to the pedagogical documentation used during the training, namely manuals and / or presentations, made available digitally in the personal area of each trainee in the training management platform.