Dento – Myo – Arthropathy – Concept

Course Topic:

Dento-Myo-Arthropathy-Concept means that all possible causes of the emergence of a Temporomandibular Joint (TMJ) disorder are considered.

The movements of the mandible are determined during chewing through both jaw joints, but also by the 16 pairs of teeth. Thus, teeth can influence the movement path oft the TMJ.
Because of these relationships, the teeth are examined with in this course.
A faulty bite is very often at the beginning of the history of a TMJ disorder.
The structures, which reacts particularly sensitively and tries to compensate a faulty bite are the muscles. When the muscles start to loose the ability to compensate, very often a TMJ disorder beginns to start.

The term Dento-Myo Arthropathy thus also describes the history of a TMJ disorder.

Contents of this course is the examination of all 3 areas: dental, muscle and joint area, as well as the presentation of various treatment approaches. The close link of masticatory system and cervical spine will be presented and demonstrated. A short examination and treatment of the cervical spine in Manual Therapy will be practiced.

In addition to the functional anatomy and pathology, the practical manual therapeutic part is in the foreground. In this part examination and treatment techniques on the TMJ will be demonstrated and practiced.

Dental treatment methods such as dental splint therapy are discussed.

The physical therapist should be capable to detect a slight, moderate or severe Dento-Myo Arthropathy as well as a dysfunction of the cervical spine after this course. Further, the PT should be able to develop a treatment plan and to perform correctly dosed treatment techniques fo the TMJ as well as for the cervical spine.

Timeshedule Base-Course Temporomandibular joint (TMJ):

Referent:
Rainer Schwarz MSc., Rosenheim - Germany

1.day:

9:00-10:30	Anatomy with a focus on functional Anatomy a) the functionally most important structures b) biomechanics oft he TMJ c) interaction between TMJ and the cervical spine
10:30 – 10:45	coffeebreak
10:45 – 12:30	Pathology and Pathomechanism in formation of a Dento-Myo-Arthropathy on the TMJ
12:30 – 13:30	lunchbreak
13:30 - 15:00	Examination of the TMJ Explanation oft the Examinationsheet together with clinical cases Anamnesis – Inspection Dental findings TMJ testing with messurements
15:00 – 15:15	coffeebreak
15:15 - 17:00	Examination of the TMJ: Examination of the muscles (extra- and intraoral)

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Dentist

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PHYSIOTHERAPIST - OMT-THERAPIST

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2.day:

9:00 -10:30 <u>Examination of the TMJ</u>
Differencialdiagnose

<u>Examination of the cervical spine</u>
- symptomlocalisation
- securitytesting
- segmental examination
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10:30 -10:50 Coffeebreak

10:50 -12:30 Examination of the cervical spine
physiotherapeutic – dentists diagnose

12:30 -13:30 Lunchbreak

13:30 -15:00 dentists treatment
physiotherapeutic treatment based on clinical exemples

15:00 -15:20 Coffeebreak

15:20 -17:00 physiotherapeutic treatment based on clinical exemples

3.day:

9:00 -10:30 physiotherapeutic treatment oft he TMJ based on clinical exemples

10:30 -10:50 coffebreak

10:50 -12:30 Manual Therapy on the cervical spine

12:30 -13:30 Lunchbreak

13:30 -15:00 Manual Therapy on the cervical spine

15:00 -15:15 short coffebreak

15:15 -16:30 Manual therapy on the cervical spine

END

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