



WROCLAW  
MEDICAL UNIVERSITY

Department of Experimental Dentistry  
Head: **Prof. Mieszko Więckiewicz DMD, PhD, DSc**

Wrocław, 29.01.2024 r.

**TEMPOROMANDIBULAR DISORDERS**

**LECTURES**

IV YEAR,

SUMMER SEMESTER, ACADEMIC YEAR 2023/2024

**Time:** Tuesday, 14.00-15.30 (23.04.2024 - 11.06.2024)

**Form:** online

**TEACHER:** Prof. Mieszko Więckiewicz DMD, PhD, DSc

No	Date	Topic	Duration
1.	23.04.2024	Stomatognathic system - revision, current nomenclature. Etiology of temporomandibular disorders.	14.00-15.30
2.	30.04.2024	Medical interview and examination concerning temporomandibular disorders. Diagnosis of temporomandibular disorders. Indications for additional examination.	14.00-15.30
3.	07.05.2024	Psychoemotional status and temporomandibular disorders.	14.00-15.30
4.	14.05.2024	Introduction to temporomandibular disorders treatment.	14.00-15.30
5.	21.05.2024	Introduction to occlusal therapy. Occlusal splint therapy in temporomandibular disorders.	14.00-15.30
6.	28.05.2024	Articulators and face bows.	14.00-15.30
7.	04.06.2024	Instrumental analysis of masticatory system function.	14.00-15.30
8.	11.06.2024	Bruxism.	14.00-14.45

**Basic literature:**

- Okeson J.: Management of temporomandibular disorders and occlusion. 8th edition. - St. Louis: Elsevier, 2020.
- Dawson E.: Functional occlusion: from TMJ to smile design, St. Louis: Elsevier Mosby, cop. 2007.
- Sessle B.: Orofacial Pain: Recent Advances in Assessment, Management and Understanding of Mechanisms, IASP 2015.

**Additional literature and other materials:**

- Avidan A.: Review of sleep medicine. - Fourth edition. - Philadelphia : Elsevier, copyright 2018.
- Basetti C., Dogas Z., Peigneux P.: Sleep Medicine Textbook for ECRN Members, European Sleep Research Society, 2014.
- Manfredini D.: Current concepts on temporomandibular disorders / - London : Quintessence Publishing, copyright 2010.

Prepared:

dr n. med. Joanna Smardz  
lekarz dentystra  
2969614

Uniwersytet Medyczny we Wrocławiu  
KATEDRA IZOSTOMATOLOGII  
DOSWIADCZALNEJ  
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Checked:  
dr inż. Joanna Węgrzyn

Uniwersytet Medyczny we Wrocławiu  
KATEDRA IZOSTOMATOLOGII  
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kierownik  
Accepted:  
prof. dr hab. n. med. Mieszko Więckiewicz



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**TEMPOROMANDIBULAR DISORDERS**  
**PRACTICAL CLASSES - IV YEAR,**  
**SUMMER SEMESTER, ACADEMIC YEAR 2023/2024**

**Place:** clinical rooms no. 105 and 111, 1<sup>st</sup> floor, 26 Krakowska St.

**Time:** Friday, 8.00-11.00 (CK1s & CK2s) ; 11.15-14.15 (CK3s & CK4s)

**Teachers:** prof. dr hab. n. med. Mieszko Więckiewicz, dr n. med. Joanna Smardz,  
lek. dent. Sylwia Orzeszek.

**Coordinator:** lek. dent. Sylwia Orzeszek.

No	Date	Topic
1.	01.03.2024	Introduction to classes. Interview and examination – discussion. Functional examination demonstration, observed symptoms significance analysis.
2.	08.03.2024	Supplementary examinations necessary for full diagnosis setting. Supplementary examinations results – discussion.
3.	15.03.2024	Anatomical impressions for diagnostic casts of maxilla and mandible and preparing a gypsum casts.
4.	22.03.2024	Face bow application, interocclusal records preparation and cast mounting into semi-adjustable articulator. Discussion on articulator adjusting.
5.	05.04.2024	<b>TEST I</b>
6.	12.04.2024	TMD treatment methods – introduction.
7.	19.04.2024	Stabilization splints in centric occlusion, fabrication and adjustment.
8.	26.04.2024	Repositioning splints, fabrication and adjustment.
9.	10.05.2024	Applied treatment verification. Instrumental analysis of occlusion.
10.	17.05.2024	Instrumental analysis of masticatory system function (condylography, axiography).
11.	24.05.2024	Treatment effects preservation.
12.	07.06.2024	TMD prevention and bruxism.
13.	14.06.2024	<b>TEST II</b>
14.	18.06.2024	Summary of the course, discussion of clinical cases, backlog management, test re-take.
15.	21.06.2024	Practical test of skills of interview and manual examination and taking initial diagnosis. Credits.

**Conditions to receive credit for the course:**

Knowledge test during clinical classes (multiple choice test and oral response);  
Final test (multiple choice test, 20 questions, 60% to pass) – at the end of semester.

**Basic literature:**

1. Okeson J.: Management of temporomandibular disorders and occlusion. 8th edition. - St. Louis: Elsevier, 2020.
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