



Pomeranian Medical University in Szczecin

SYLLABUS of the MODULE (SUBJECT)

valid from the academic year 2019/2020

General Information

| Module title | Mucous Membrane Diseases |
|---|---|
| Module type | Obligatory |
| Faculty | Faculty of Medicine and Dentistry |
| Field of study | Medicine and Dentistry |
| Major | Not applicable |
| Level of study | long-cycle (S2J) |
| Mode of study | intramural |
| Year of studies, semester | Year 4, semester VIII |
| ECTS credits (incl. semester breakdown) | 3 ECTS |
| Type/s of training | lectures 10h /seminars 5h/ practical 25h |
| Form of assessment | graded assessment |
| Head of the Department/ Clinic, Unit | dr hab. n. med. Elżbieta Dembowska, Prof. PUM |
| Tutor responsible for the module | Dr n.med. Małgorzata Mazurek-Mochol |
| Department's/ Clinic's/ Unit's website | https://www.pum.edu.pl/wydzialy/wydzial-lekarsko-stomatologiczny/zaklad-periodontologii |
| Language | English |

Detailed information

| | | |
|--------------------------------------|-------------|---|
| Module objectives | | <p>The main aim of Mucosal Diseases is:</p> <ul style="list-style-type: none"> familiarize students with the symptomatology, diagnosis and preventive treatment of selected diseases of oral mucosa, with particular emphasis on changes and precancerous conditions, acquire the ability to use additional examinations, acquire skills in treatment of diseases of oral mucosa including pharmacological and physical therapy. |
| Prerequisite /essential requirements | Knowledge | Knowledge of the anatomy and physiology of oral mucosa; knowledge of oral microbiology, knowledge of rules for collecting biological material for microbiological, cytological and histological examination; knowledge of the capabilities and the use of immunoassays in the histopathological diagnosis of selected diseases of oral cavity. |
| | Skills | An ability to diagnose deviations from the physiology of oral cavity; the ability to interpret the results of additional blood tests, an ability to check blood pressure, handling shock and cardiac arrest; an ability to communicate in a professional way with patients of all ages; an ability to manage patient medical records. |
| | Competences | A habit of self-education, teamwork, use of all available sources of medical knowledge, respect for professional secrecy. |

| Description of the learning outcomes for the subject /module | | | |
|--|---|--------------------------------------|--|
| No. of learning outcome | Student, who has passed the (subject) knows /is able to /can: | SYMBOL (referring the standards) ZEK | Method of verification of learning outcomes * |
| W01 | knows and understands mechanism leading to organ and systemic pathology (incl. of infection, auto-immunological diseases and ones caused by immune deficit, metabolic and genetic diseases) | K_F.W02 | Continuous evaluation during exercises Checking of the practical skills |
| W02 | knows rules of prophylactic-therapeutic procedures in diseases of stomatognathic system in different phases of development | K_F.W03 | |
| W03 | knows viral, bacterial and mycotic flora of oral cavity and importance thereof | K_F.W04 | |
| W04 | knows symptoms, course and procedures for certain diseases of oral cavity , head and neck with regard to age groups | K_F.W05 | |
| W05 | knows principles of conduct of pulp diseases and mineralized tooth tissue and injury of tooth and facial skeleton | K_F.W07 | |
| W06 | knows diagnostics and treatment of parodontium and diseases of oral mucosa | K_F.W11 | |
| U01 | interviews patient or his/her family | K_F.U01 | |
| U02 | carries out physical examination of patient | K_F.U02 | |
| U03 | provides patient with explanation about nature of ailment, prescribes treatment confirmed by patient's free consent and prognosis | K_F.U03 | |
| U04 | provides patient or his/her relatives with bad news about health state | K_F.U04 | |
| U05 | samples and protects material for diagnostic examination (incl. of cytology) | K_F.U05 | |
| U06 | interprets results of ancillary tests | K_F.U06 | |
| U07 | finds indications as to performance of certain dental procedure | K_F.U07 | |
| U08 | knows prophylaxis of oral cavity diseases | K_F.U08 | |

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|-----|---|---------|---|
| U09 | knows procedures applicable to diseases of stomatognathic system tissues, tooth and jaw bones | K_F.U09 | Continuous evaluation during exercises Checking of the practical skills |
| U10 | treats acute and chronic tooth-related and non-tooth-related inflammation of oral cavity soft tissue, paradontium and jaw bones | K_F.U10 | |
| U11 | knows procedures applicable to cases of general and local complications during and after dental treatment | K_F.U11 | |
| U12 | prescribes drugs with regard to their interactions and side effects | K_F.U12 | |
| U13 | keeps day-to-day patient's records, refers patient to general and special dental and medical examination or treatment | K_F.U13 | |
| U14 | presents selected medical issues in written or oral form relevantly to recipient standards | K_F.U15 | |
| U15 | establishes treatment in diseases of stomatognathic system tissues | K_F.U18 | |
| U16 | diagnoses and treats parodontium disease to basic extent | K_F.U20 | |
| K01 | shows habit of self-education and lifelong education | K_K01 | |
| K02 | accepts need of standards of conduct and legislation regarding medical practice | K_K02 | |
| K03 | can co-operate with team members and care about occupational safety | K_K03 | |
| K04 | shows respect to human body | K_K04 | |
| K05 | shows respect to patient, social groups and cares for their goodwill and security | K_K05 | |
| K06 | understands proper examiner/examined relationship | K_K08 | |
| K07 | understands need for keeping professional secrecy and showing respect to patients' rights | K_K09 | |

Table presenting learning outcomes of the subject/module in relation to the form of classes

| No. | SYMBOL (referring the standards) ZEK | Type/s of training | | | | | | | |
|-----|--|--------------------|---------|-------------------|------------------|-----|-----|-----|----------|
| | | Lecture | Seminar | Practical classes | Clinical classes | ... | ... | ... | Other... |
| 1. | K_F.W02 | X | X | | | | | | |
| 2. | K_F.W03 | X | X | | | | | | |
| 3. | K_F.W04 | X | X | | | | | | |
| 4. | K_F.W05 | X | X | | | | | | |
| 5. | K_F.W07 | X | X | | | | | | |
| 6. | K_F.W11 | X | X | | | | | | |
| 7. | K_F.U01 | | | | X | | | | |
| 8. | K_F.U02 | | | | X | | | | |
| 9. | K_F.U03 | | | | X | | | | |
| 10. | K_F.U04 | | | | X | | | | |
| 11. | K_F.U05 | | | | X | | | | |
| 12. | K_F.U06 | | | | X | | | | |
| 13. | K_F.U07 | | | | X | | | | |
| 14. | K_F.U08 | | X | | X | | | | |
| 15. | K_F.U09 | X | | | X | | | | |
| 16. | K_F.U10 | | | | X | | | | |
| 17. | K_F.U11 | | | | X | | | | |
| 18. | K_F.U12 | | | | X | | | | |
| 19. | K_F.U13 | | | | X | | | | |

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|-----|---------|--|--|--|---|--|--|--|--|
| 20. | K_F.U15 | | | | X | | | | |
| 21. | K_F.U18 | | | | X | | | | |
| 22. | K_F.U20 | | | | X | | | | |
| 23. | K_K01 | | | | X | | | | |
| 24. | K_K02 | | | | X | | | | |
| 25. | K_K03 | | | | X | | | | |
| 26. | K_K04 | | | | X | | | | |
| 27. | K_K05 | | | | X | | | | |
| 28. | K_K08 | | | | X | | | | |
| 29. | K_K09 | | | | X | | | | |

| Module contents no. | Description of teaching programme | No. of hours | References to learning outcomes |
|---------------------|---|--------------|---------------------------------|
| Lectures: | | | |
| TK 01 | Anatomy and physiology of the oral mucosa. | 1 | U09 |
| TK 02 | Herpesvirus infections | 1 | W02,W03,W04, W06, W01 |
| TK 03 | Vesiculobullous diseases | 1 | W02, W04, W06,W01 |
| TK 04 | White lesions associated with hyperkeratosis | 1 | W02,W03,W04,W06, W01 |
| TK 05 | Oral cancer prevention | 1 | W02,W05,W06,W01 |
| TK 06 | Mucositis in radiotherapy and chemotherapy-treatment methods. | 1 | W01,W06 |
| TK 07 | Atrophic stomatitis, Burning Mouth Syndrome | 1 | W03,W04, W06,W01 |
| TK 08 | Denture and orthodontic stomatitis. Oral candidiasis. | 1 | W03,W04, W06, W01 |
| TK 09 | Oral manifestations of blood disorders, renal failure, diabetes mellitus and other systemic diseases. | 1 | W04,W06, W01 |
| TK 10 | Summer semester test | 1 | |
| Seminars: | | | |
| TK01 | Anatomy and physiology of the oral mucosa. Oral mouth examination. Primary and secondary efflorescences. Lip and tongue developmental abnormalities. Aphthous stomatitis. Behcet syndrome. Herpesvirus infections: herpes simplex virus infections, herpes varicella-zoster virus infections, Epstein-Bar virus infection, cytomegalovirus infection, hand, foot and mouth disease, herpangina. | 1 | W02,W03,W04, W06, W01 |
| TK02 | Vesiculobullous diseases (pemphigus, pemphigoid, erythema multiforme). White lesions associated with hyperkeratosis (leukoplakia, lichen planus, lupus erythematosus, white sponge nevus, hairy tongue, actinic cheilitis). Precancerous lesions (erythroplakia, Bowen's disease, chronic lip diseases, papillomas, ulcerations, pigmented lesions.) Oral cancer prevention. | 1 | W02,W03,W04,W05,W06, W01, U08 |
| TK03 | Saliva secretion disorder. Diseases of small and large salivary glands. Atrophic stomatitis. Burning Mouth Syndrome. Oral candidiasis. Median rhomboid glossitis. Angular cheilitis. Denture and orthodontic stomatitis. Electrogalvanic stomatitis. | 1 | W02,W04,W06, W01 |

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|---------------------------|---|----|---|
| TK04 | Specific bacterial infections of oral cavity: syphilis, tuberculosis, sarcoidosis. Oral manifestations of HIV infection. Oral manifestations of blood disorders (leukemia, neutropenia, agranulocytosis). Oral manifestations of systemic diseases (orofacial granulomatosis, Crohn's disease, Wegener's granulomatosis, Langerhans histiocytoses, CUS). | 1 | W04, W06, W03 |
| TK05 | Mucositis in radiotherapy and chemotherapy-treatment methods. | 1 | W04, W06 |
| Practical classes: | | | |
| TK01 | Clinical exercises with patients | 25 | U01, U02, U03, U04, U05, U06, U07, U08, U09, U10, U11, U12, U13, U15, K01, K02, K03, K04, K05, K06, K07, U14, U16 |

Booklist

Obligatory literature:

1. The Periodontic Syllabus by Arthur R. Vernino, Jonathan Gray, Elizabeth Hughes. Wolters Kluwer/ Lippincott Williams & Wilkins. Fifth edition. 2008
2. Carranza's Clinical Periodontology by Michael G. Newman, Henry Takei, Fermin A. Carranza, Perry R. Klokkevold
3. Periodontology: Color Atlas of Dental Medicine by Herbert F. Wolf, Edith M. Rateitschak-Pluss Klaus H. Rateitschak

Student's workload (balance sheet of ECTS credits)

| Form of student's activity (in-class participation; activeness, produce a report, etc.) | Student's workload [h] | | |
|--|------------------------|---------|---------|
| | Tutor | Student | Average |
| Contact hours with the tutor | 40 | | |
| Time spent on preparation to seminars/ practical classess | 10 | | |
| Time spent on reading recommended literature | 5 | | |
| Time spent on writing report/making project | | | |
| Time spent on preparing to colloquium/ entry test | 10 | | |
| Time spent on preparing to exam | | | |
| Other | | | |
| Student's workload in total | 65 | | |
| ECTS credits for the subject (in total) | 3 | | |
| Remarks | | | |

* Selected examples of methods of assessment:

EP – written examination

EU – oral examination

ET – test examination

EPR – practical examination

K – colloquium

R – report

S – practical skills assessment

RZC – practical classes report, incl. discussion on results

O – student's active participation and attitude assessment

SL – lab report

SP – case study

PS - assessment of student's ability to work independently

W – entry test

PM – multimedial presentation

other...