



Pomeranian Medical University in Szczecin

SYLLABUS of the MODULE (SUBJECT) General Information

| | |
|---|--|
| Module title: Oral Surgery | |
| Module type | Obligatory |
| Faculty PMU | Faculty of Medicine and Dentistry |
| Major | Not applicable |
| Level of study | long-cycle (S2J) |
| Mode of study | intramural |
| Year of studies, semester | year IV, semester VII and VIII |
| ECTS credits (incl. semester breakdown) | 7(4+3) |
| Type/s of training | lectures 22 practical 100 seminars 15 |
| Form of assessment | <input checked="" type="checkbox"/> graded assessment: <input checked="" type="checkbox"/> descriptive <input checked="" type="checkbox"/> test <input checked="" type="checkbox"/> practical <input checked="" type="checkbox"/> oral <input type="checkbox"/> non-graded assessment <input type="checkbox"/> final examination <input type="checkbox"/> descriptive <input type="checkbox"/> test <input type="checkbox"/> practical <input type="checkbox"/> oral |
| Head of the Department/ Clinic, Unit | Dr hab. n. med. Grzegorz Trybek |
| Tutor responsible for the module | Dr n. med. Olga Preuss e-mail: kzchstom@pum.edu.pl |
| Department's/ Clinic's/ Unit's website | https://www.pum.edu.pl/wydzialy/wydzial-medycyny-i-stomatologii/zaklad-chirurgii-stomatologicznej |
| Language | English |

Detailed information

| | | |
|--------------------------------------|-------------|---|
| Module objectives | | The aim of a dental surgery course is to learn informations, that are required to diagnose and therapeutic procedure during individual work in a dental office. |
| Prerequisite /essential requirements | Knowledge | Knowledge of anatomy in range of facial part of a skull, pathogenesis of inflammatory and cancerous diseases in range of oral cavity and face. Knowledge of basic medicines used in pharmacotherapy in range of oral cavity and face. |
| | Skills | Interpretation of additional laboratory tests, interpretation of basic X-ray pictures and radiology examination. |
| | Competences | Ability to establish contacts with patients, work in a team. |

| 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) | Method of verification of learning outcomes* |
| W01 | knows rules of prophylactic-therapeutic procedures in diseases of stomatognathic system in different phases of development | K_F.W03 | R W P M S |
| W02 | knows symptoms, course and procedures for certain diseases of oral cavity , head and neck with regard to age group | K_F.W05 | R W S |
| W03 | knows rules of administering local anesthesia in area of stomatognathic system | K_F.W06 | R W S |
| W04 | knows principles of conduct of periapical diseases | K_F.W08 | R W P M S |
| W05 | knows principles of conduct of cyst, precancerous conditio and neoplasm of head and neck | K_F.W10 | R W P M S |
| W06 | knows causes and procedures for management with complications of stomatognathic system diseases | K_F.W14 | R W P M S |

| | | | |
|-----|---|---------|-----------|
| W07 | knows therapy and methods of preventing and controlling pain, stress and anxiety | K_F.W17 | R W P M S |
| W08 | knows rules of anesthesia in dental procedures and basic pharmacological agents | K_F.W19 | R W P M S |
| U01 | interviews patient or his/her family | K_F.U01 | W P M S |
| U02 | carries out physical examination of patient | K_F.U02 | S |
| U03 | provides patient with explanation about nature of ailment, prescribes treatment confirmed by patient's free consent and prognosis | K_F.U03 | S |
| U04 | provides patient or his/her relatives with bad news about health state | K_F.U04 | S |
| U05 | interprets results of ancillary tests | K_F.U06 | R W P M S |
| U06 | finds indications as to performance of certain dental procedure | K_F.U07 | R W P M S |
| U07 | knows prophylaxis of oral cavity diseases | K_F.U08 | R W P M S |
| U08 | knows procedures applicable to diseases of stomatognathic system tissues, tooth and jaw bones | K_F.U09 | R W P M S |
| U09 | treats acute and chronic tooth-related and non-tooth-related inflammation of oral cavity soft tissue, paradontium and jaw bones | K_F.U10 | R W S |
| U10 | knows procedures applicable to cases of general and local complications during and after dental treatment | K_F.U11 | R W P M S |
| U11 | keeps day-to-day patient's records, refers patient to general and special dental and medical examination or treatment | K_F.U13 | R W P M S |
| U12 | identifies research issues connected with his/her work | K_F.U14 | W S |
| U13 | presents selected medical issues in written or oral form relevantly to recipient standards | K_F.U15 | R W P M S |
| U14 | establishes treatment in diseases of stomatognathic system tissues | K_F.U18 | R W P M S |
| U15 | uses certain drugs during and after dental procedure to relieve pain and stress | K_F.U19 | R W P M S |
| K01 | shows respect to patient, social groups and cares for their goodwill and security | K_K05 | S |

| | | | |
|-----|---|-------|---|
| K02 | understands need for keeping professional secrecy and showing respect to patients' rights | K_K09 | S |
|-----|---|-------|---|

Table presenting LEARNING OUTCOMES in relation to the form of classes

| No. of learning outcome | Learning outcomes | Type of training | | | | | | |
|-------------------------|-------------------|------------------|---------|-------------------|------------------|-------------|------------|----------|
| | | Lecture | Seminar | Practical classes | Clinical classes | Simulations | E-learning | Other... |
| W01 | K_F.W03 | | | X | X | | | |
| W02 | K_F.W05 | X | X | X | | | | |
| W03 | K_F.W06 | | X | X | X | | | |
| W04 | K_F.W08 | | X | | X | | | |
| W05 | K_F.W10 | X | X | X | | | | |
| W06 | K_F.W14 | X | X | | X | | | |
| W07 | K_F.W17 | X | X | | X | | | |
| W08 | K_F.W19 | X | | | X | | | |
| U01 | K_F.U01 | | | | X | | | |
| U02 | K_F.U02 | X | X | | X | | | |
| U03 | K_F.U03 | X | X | | X | | | |
| U04 | K_F.U04 | X | X | | X | | | |
| U05 | K_F.U06 | X | | | X | | | |
| U06 | K_F.U07 | | | | X | | | |

| | | | | | | | | |
|-----|---------|---|---|--|---|--|--|--|
| U07 | K_F.U08 | X | X | | X | | | |
| U08 | K_F.U09 | X | X | | X | | | |
| U09 | K_F.U10 | X | X | | X | | | |
| U10 | K_F.U11 | X | X | | X | | | |
| U11 | K_F.U13 | X | | | X | | | |
| U12 | K_F.U14 | | | | X | | | |
| U13 | K_F.U15 | X | | | X | | | |
| U14 | K_F.U18 | | X | | X | | | |
| U15 | K_F.U19 | | | | X | | | |
| K01 | K_K05 | X | | | X | | | |
| K02 | K_K09 | X | | | X | | | |

Table presenting TEACHING PROGRAMME

| No. of a teaching programme | Teaching programme | No. of hours | References to learning outcomes |
|-----------------------------|--|--------------|---------------------------------|
| Lectures | | | |
| Semester I | | | |
| TK01 | Principles of procedures in pain and anxiety imination before dental procedures. Anesthesia techniques. Pharmacological agents. Complications. | 3 | W08,W07,W06,W02 |
| TK02 | Indications and contraindications for tooth extraction. Technique of surgical removal of teeth. Issues with impacted teeth. Complications (oroantral communication) prevention and therapeutic procedure. | 3 | W06,U02, K02 |
| TK03 | Dental procedures of patients with systemic diseases. Emergencies in dental office. | 3 | U10,U11,U13 |

| | | | |
|-------------------|---|----|------------------------|
| TK04 | Odontogenic inflammatory diseases, inflammatory diseases of soft issues, abscesses and phlegmons. Osteomyelitis. Diagnosis and treatment strategies. | 3 | U09,U03,K01 |
| Semester II | | | |
| TK05 | Dentoalveolar injuries, apicoectomy, hemisection, radectomy, premolarization. Indications, procedure rules, complications. | 3 | U08,U07 |
| TK06 | Cysts of hard and soft tissues facial part of skull. Differential diagnosis. Treatment | 4 | W05,U04 |
| TK07 | Maxillary sinus diseases. Diagnosis and treatment | 3 | W06,U05, U12 |
| Seminars | | | |
| Semester I | | | |
| TK01 | Principles of procedures in pain and anxiety elimination before dental procedures. Anesthesia techniques. Pharmacological agents. Complications. | 3 | W07,W06,W03,U14 |
| TK02 | Indications and contraindications for tooth extraction. Technique of surgical removal of teeth. Issues with impacted teeth. Complications (oroantral communication) prevention and therapeutic procedure. | 2 | W06,U02 |
| TK13 | Dental procedures of patients with systemic diseases. Emergencies in dental office. | 2 | U10 |
| TK04 | Odontogenic inflammatory diseases, inflammatory diseases of soft issues, abscesses and phlegmons. Osteomyelitis. Diagnosis and treatment strategies. | 2 | W04, U09,U03 |
| TK05 | Dentoalveolar injuries, apicoectomy, hemisection, radectomy, premolarization. Indications, procedure rules, complications. | 2 | U08,U07 |
| TK06 | Cysts of hard and soft tissues facial part of skull. Differential diagnosis. Treatment | 2 | W02, W05,U04 |
| TK07 | Maxillary sinus diseases. Diagnosis and treatment | 2 | W06,U12 |
| Practical classes | | | |
| Semester I | | | |
| TK08 | Principles of procedures in pain and anxiety elimination before dental procedures. Anesthesia techniques. Pharmacological agents. Complications. | 20 | U13, U14, W03, W07,W08 |

| | | | |
|-------------|---|----|-------------------|
| TK09 | Indications and contraindications for tooth extraction. Technique of surgical removal of teeth. Issues with impacted teeth. Complications (oroantral communication) prevention and therapeutic procedure. | 20 | U02,U06, K02 |
| TK10 | Dental procedures of patients with systemic diseases. Emergencies in dental office. | 10 | U01, U10,U11, W02 |
| Semester II | | | |
| TK11 | Odontogenic inflammatory diseases, inflammatory diseases of soft tissues, abscesses and phlegmons. Osteomyelitis. Diagnosis and treatment strategies. | 15 | W04, K01,U04, U09 |
| TK12 | Dentoalveolar injuries, apicoectomy, hemisection, radectomy, premolarization. Indications, procedure rules, complications. | 15 | W01, U08,U07 |
| TK13 | Cysts of hard and soft tissues facial part of skull. Differential diagnosis. Treatment | 10 | W02,W05, U15,U05 |
| TK14 | Maxillary sinus diseases. Diagnosis and treatment | 10 | U05, U12, W06 |

Booklist

Obligatory literature:

1. Contemporary Oral and Maxillofacial Surgery, Hupp, Ellis, Tucker; Mosby - 5th edition, 2008
2. Netter's Head and Neck Anatomy for Dentistry, Norton; Saunders - 1st edition, 2002
3. Gray's Anatomy for Students, Drake, Vogl, Mitchell; Churchill Livingstone - 2nd edition, 2009
4. Oral Anatomy, Histology and Embryology, Berkovitz, Holland, Moxham; Mosby - 4th edition, 2009
5. Woelfel's Dental Anatomy: Its Relevance to Dentistry, Scheid; Lippincott Williams & Wilkins - 7th edition, 2007

Standards of procedures required to obtain credit:

5 extractions, 5 dressings, make 5 wound sutures, and assist with surgeries 10 times including 2 times in the operating theatre

| Student's workload | |
|--|------------------------|
| Form of student's activity (in-class participation; activeness, produce a report, etc.) | Student's workload [h] |
| | Tutor |
| Contact hours with the tutor | 20 |
| Time spent on preparation to seminars/ practical classess | 30 |
| Time spent on reading recommended literature | 10 |
| Time spent on writing report/making project | 5 |
| Time spent on preparing to colloquium/ entry test | 50 |
| Time spent on preparing to exam | - |
| Other | - |
| Student's workload in total | 115 |
| ECTS credits for the subject (in total) | 7 |
| 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...