



Pomorski Uniwersytet Medyczny w Szczecinie
SYLLABUS of the MODULE (SUBJECT)

General information

Module title: MAXILLOFACIAL SURGERY WITH ONCOLOGY	
Module type	Obligatory
Faculty PMU	Faculty of Medicine and Dentistry
Major	Medical and Dentistry
Specialty	-
Level of study	long-cycle
Mode of study	full-time/part-time
Year of studies, semester	Year V; sem. IX and X
ECTS credits (incl. semester breakdown)	3
Type/s of training (Number of hours)	Seminars (3h) Practical classes–60h (sem. IX - 30h, sem. X - 30h)
Form of assessment*	<input type="checkbox"/> graded assessment: <ul style="list-style-type: none"> <input type="checkbox"/> descriptive <input type="checkbox"/> test <input type="checkbox"/> practical <input type="checkbox"/> oral <input type="checkbox"/> non-graded assessment <input checked="" type="checkbox"/> final examination: <ul style="list-style-type: none"> <input type="checkbox"/> descriptive <input checked="" type="checkbox"/> test <input type="checkbox"/> practical <input type="checkbox"/> oral
Head of the Department /Clinic, Unit	dr n. med. Robert Kowalczyk
Tutor responsible for the module	dr n. med. dr Anna Rzewuska e-mail: anna.rzewuska@wp.pl
Name and contact data of the unit	Department of Maxillofacial Surgery SPSK1 ul. Unii Lubelskiej 1, 71-252 Szczecin Phone no. 91 425 04 17 e-mail: klchsztw@pum.edu.pl
Department's/Clinic's/Unit's website	https://www.pum.edu.pl/wydzialy/wydzial-medycyny-i-stomatologii/zaklad-propedeutyki-i-fizykodiagnostyki-szczekowo-twarzowej
Language	Polish/English

* where applicable, replace ☐ into ☒

Detailed information

Module objectives		The objective of training in maxillofacial surgery is to deepen dental students' knowledge of dento- and non-dento-derived inflammatory conditions of the oral cavity, face and neck. Developing oncological alertness and to familiarising students with the diagnostics and treatment of tumours of the oral cavity mucosa, jawbone, salivary glands and facial coatings. The aim of the teaching is also to provide knowledge and skills in determining indications for and possibilities of surgical treatment of maxillofacial defects. The teaching includes a complete clinical examination, familiarisation with medical records, participation in qualification for diagnostic tests and in planning of surgery, observation of surgery, assisting in surgery, participation in change of dressings, in determining recommendations at discharge from hospital.
Prerequisite /essential requirements	Knowledge	Knowledge of the structure and function of the stomatognathic system. Understanding of the need to prevent pathological processes in the oral cavity, sensitivity to complaints reported by patients, announcing systemic consequences of these processes
	Skills	Taking the history and medical examination, noticing the deviations from the normal state during examination
	Competences	The ability to work in a team (e.g. operating block), relations with the patient based on the willingness to understand and provide help, the need for constant updating of knowledge

Description of the learning outcomes for the subject/module			
No. of learning outcome	Student, who has passed the (subject)	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	systematic assessment of the student's attitude and activity during classes, colloquium test examination
W02	knows symptoms, course and procedures for certain diseases of oral cavity, head and neck with regard to age groups	K_F.W05	systematic assessment of the student's activity during classes, colloquium test examination
W03	knows the principles of performing local anaesthesia of the tissues of the masticatory organ	K_F.W06	systematic assessment of the student's activity during classes, colloquium test examination

W04	Knows the rules of treatment of pulp diseases and mineralized tooth tissues as well as dental and facial bone injuries	K_F. W07	systematic assessment during classes, colloquium test examination
W05	Knows the principles of proceeding with cysts, precancerous conditions and tumours of the head and neck	K_F. W10	systematic assessment of the student's activity during classes, colloquium test examination
W06	knows causes and procedures for management with complications of stomatognathic system diseases	K_F. W14	systematic assessment of the student's attitude and activity during classes, colloquium test examination
W07	Knows therapeutic methods for limiting and relieving pain and reducing anxiety and stress	K_F. W17	systematic assessment of the student's attitude and activity during classes, colloquium test examination
U01	interviews patient or his/her family	K_F. U01	systematic assessment of the student's activity during classes K – colloquium
U02	carries out physical examination of patient	K_F. U02	systematic assessment of the student's activity during classes K – colloquium
U03	provides patient with explanation about nature of ailment, prescribes treatment confirmed by patient's free consent	K_F. U03	systematic assessment of the student's attitude during classes
U04	provides patient or his/her relatives with bad news about health state	K_F. U04	systematic assessment of the student's attitude during classes
U05	Draws and secures material for diagnostic tests, including cytology	K_F. U05	systematic assessment of the student's activity during classes, colloquium test examination
U06	interprets results of ancillary tests	K_F. U06	systematic assessment of the student's activity during classes, colloquium test examination
U07	Determines indications for a specific dental procedure	K_F. U07	systematic assessment of the student's activity during classes, colloquium test examination

U08	knows prophylaxis of oral cavity diseases	K_F. U08	systematic assessment of the student's activity during classes, colloquium test examination
U09	knows procedures applicable to diseases of stomatognathic system tissues, tooth and jaw bones	K_F. U09	systematic assessment of the student's activity during classes, colloquium test examination
U10	Treats acute and chronic, dento- and non-dento-derived inflammatory processes of the oral soft tissues, periodontium and jawbone	K_F. U10	systematic assessment of the student's activity during classes, colloquium test examination
U11	knows procedures applicable to cases of general and local complications during and after dental treatment	K_F. U11	systematic assessment of the student's activity during classes, colloquium test examination
U12	keeps day-to-day patient's records, refers patient to general and special dental and medical examination or treatment	K_F. U13	systematic assessment of the student's attitude during classes
U13	Formulates research issues connected with his/her work	K_F. U14	systematic assessment of the student's attitude during classes K – colloquium
U14	Presents selected medical issues in written or oral form relevantly to the recipient level	K_F. U15	systematic assessment of the student's activity and attitude during classes
U15	establishes treatment in diseases of stomatognathic system tissues	K_F. U18	systematic assessment of the student's activity during classes, colloquium test examination
U16	Uses appropriate medication during and after dental procedure to relieve pain and anxiety	K_F. U19	systematic assessment of the student's activity during classes, colloquium test examination
K01	Accepts the need for ethical standards and legal conditions relating to the exercise of the profession	K_K02	systematic assessment of the student's attitude during classes
K02	Understands the sense of responsibility for the entrusted property	K_K07	systematic assessment of the student's attitude during classes

K03	is able to interact and work in a group and take care of own and others' safety at work	K_K03	systematic assessment of the student's activity and attitude during classes
K04	Shows respect to patient, social groups and cares for their goodwill and safety	K_K05	systematic assessment of the student's attitude during classes
K05	understands proper examiner/examined relationship	K_K08	systematic assessment of the student's attitude and activity during classes

Table presenting LEARNING OUTCOMES in relation to the form of classes

No. of learning outcome	Learning outcomes	Type of training						
		Lecture	Seminar	Practical	Clinical classes	Simulation	E-learning	Other
1.	K_F. W03		X		X			
2.	K_F.W05		X		X			
3.	K_F.W06		X		X			
4.	K_F. W07		X		X			
5.	K_F. W10		X		X			
6.	K_F. W14		X		X			
7.	K_F. W17		X		X			
8.	K_F. U01				X			
9.	K_F. U02				X			
10.	K_F. U03				X			
11.	K_F. U04				X			
12.	K_F. U05				X			
13.	K_F. U06				X			
14.	K_F. U07				X			
15.	K_F. U08				X			
16.	K_F. U09				X			
17.	K_F. U10				X			
18.	K_F. U11				X			
19.	K_F. U13				X			
20.	K_F. U14				X			
21.	K_F. U15				X			
22.	K_F. U18				X			
23.	K_F. U19				X			

24.	K_K02				X			
25.	K_K07				X			
26.	K_K03				X			
27.	K_K05				X			
28.	K_K08				X			

Table presenting TEACHING PROGRAMME			
No. of a teaching programme	Teaching programme	Number of hours	References to learning outcomes
Winter semester			
Seminars (3h)			
TK01	Injuries to the skull base and skull vault	1	W02, W03, W04, W06, W07 ,U01, U02, U06
TK02	Injuries to the midface	1	W01; W02; W03; W04; W06; W07;
TK03	Injuries of lower face region	1	W01, W02, W03, W04, W06, W07,
Practical classes (30h)			
TK01	Examination of a patient	5	U01,U02,U03,U04,U05, U06, U07,U11, U12, U16,K04, K05
TK02	Oral cavity as a diagnostic area for neurological, endocrine, haematological disorders	2	U01, U02, U06, U8, U10, U11, U12, U13, U14 K04, K05
TK03	Prevention of diseases of the masticatory organ	3	U03, U05, U06, U08, U09, U10, U14, U15
TK04	Inflammatory processes in the stomatognathic system	4	U01, U02, U06, U08, U09, U10, U11, U12, U14, U15
TK05	Gnathological defects of the craniofacial region	5	U01, U02, U03, U06, U08, U12, U15
TK06	Craniofacial injuries among multiple injuries	5	U01, U02, U03,U06, U07, U09, U10, U12, U14, K03
TK07	Methods of reconstruction of the masticatory organ structures resected because of cancer,	6	U03, U06, U09, U10, U11, U12, U15
Summer semester			
Practical classes (30h)			

TK 01	Possibilities of rehabilitation of the stomatognathic system mutilated as a result of neoplastic treatment	4	U01, U02, U03, U09, U12, U13, U14, U15, K01, K03, K04
TK 02	Bone and soft tissue healing - systemic and local conditions	4	U03, U06, U07, U08, U09, U10, U11, U12, U13
TK 03	Complications after surgery in maxillofacial surgery	5	U06; U09; U10; U11; U12; U15; K03, K04, K05
TK 04	Patient with neoplastic disease	14	W05, U01, U03, U04, U04, U06, U07, U12, U13, U14, K01, K02
TK 05	Wound infections - prevention, treatment	3	U05, U07, U08, U09, U10, U11, U12

Booklist:

Obligatory literature

1. Bartkowski S.: Chirurgia szczękowo-Twarzowa, Kraków, 1996
2. Kaczmarzyk T i wsp.: Nowotwory zębopochodne i guzy nowotworopodobne kości szczękowych, Warszawa, 2009
3. Kryst L: Chirurgia Szczękowo-Twarzowa, Warszawa, PZWL, 2009
4. Lewandowski L: Onkologia szczękowo-twarzowa, Poznań, 2004

Supplementary literature:

1. Shah J. : Chirurgia i onkologia głowy i szyi. Tom I i II; Elsevier Urban& Partner, 2014, red. W Golusiński
2. Włodarkiewicz A.: Dermatochirurgia. Cornetis, Wrocław 2009

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	63
Time spent on preparation to seminars/ practical classes	5
Time spent on reading recommended literature	10
Time spent on writing report/making project	0
Time spent on preparing to colloquium/ entry test	0
Time spent on preparing to exam	15
Other	0
Student's workload in total	93
ECTS credits	3

Notes

* 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