Name of the course	Emergencies in Otorhinolaryngology			Code	MSESES12		
Type of study program	Integrated university study program, Medicine		Year of study				
	1.5 Semester:		XI	, ,			
Credits (ECTS):	1.5	semester:	Al	Number of hours per	25		
				semester	(18+2+5)		
				(l+s+e)			
Status of the course:	elective	Preconditions:	In accordance with	Comparative	/		
			the Rulebook	conditions:			
Access to course:	Sixth year students Hours of				According to		
Covera o togohom			instructions: schedule				
Course teacher: Consultations:			Assoc Prof Boris Jelavić, MD, PHD				
E-mail address and phone number:		_	As agreed with students boris.jelavic@mef.sum.ba + 387 63 314 300				
Associate teachers	number.						
Associate teachers Consultations:			Tomislav Sušac, MD, Senior Assistant As agreed with students				
	E-mail address and phone number:		Tur students				
The aims of the course:		tify common EN	NT emergencies and m	anage them an	propriately (level of		
The aims of the course.	GP)	ing common 2	vi emergeneres una m	anage mem ap	propriately (lever of		
		referral when ne	cessary				
Learning outcomes	Student:						
(general and specific	- Recognizes and describes ENT emergencies, performs independently basic						
competences):			d explains basic manag				
~	- Performs independently therapeutic procedures for some ENT emergencies.  Lectures are delivered using traditional classroom teaching. Diagnostics and						
Course content							
(Syllabus):			ENT emergencies are problem. Exercises and				
	presents an ENT topic or problem. Exercises and practical training are performed on education medical models.						
Format of instruction			ercises	Seminars	Independent		
Format of instruction (mark in bold)	Lectures		ercises	Seminars	Independent assignments		
	Lectures	Ex			assignments		
		Ex	ork with mentor	Seminars Field work			
	Lectures	Ex			assignments		
(mark in bold)	Lectures  Consultatio	ns We	ork with mentor		assignments		
	Consultatio - Cla	Ex	ork with mentor		assignments		
(mark in bold)	Consultatio  - Cla - Sei	ns Wo	ork with mentor	Field work	assignments Other		
(mark in bold)  Student responsibilities	Consultation  - Cla - Set - Ind - Ex	ns Wo	ork with mentor  nd participation  rmance of clinical skills	Field work	assignments Other  nedical models		
(mark in bold)  Student responsibilities  Screening student work	Consultation  - Cla - Sen - Ind	ns Wo	ork with mentor	Field work	assignments Other  nedical models  Practical		
(mark in bold)  Student responsibilities	- Class attended	ns Wo	ork with mentor  and participation  rmance of clinical skills  ass participations	Field work on education m	assignments Other  nedical models  Practical training		
(mark in bold)  Student responsibilities  Screening student work	Consultation  - Cla - Set - Ind - Ex	ns Wo	ork with mentor  nd participation  rmance of clinical skills	Field work on education n Seminar essa Continuous	assignments Other  nedical models  Practical		
(mark in bold)  Student responsibilities  Screening student work	- Class attended	ns Wo	ork with mentor  and participation  rmance of clinical skills  ass participations	Field work on education m	assignments Other  nedical models  Practical training		
Student responsibilities  Screening student work (mark in bold)	- Class attender	ass attendance arminar work dependent performan dance Cla	ork with mentor  and participation  rmance of clinical skills  ass participations  ritten exam	Field work on education n Seminar essa Continuous	assignments Other  nedical models  Practical training		
(mark in bold)  Student responsibilities  Screening student work	- Class attender	ass attendance arminar work dependent performan dance Cla	ork with mentor  and participation  rmance of clinical skills  ass participations  ritten exam	Field work on education n Seminar essa Continuous	assignments Other  nedical models  Practical training		
Student responsibilities  Screening student work (mark in bold)	- Class attender	ass attendance arminar work lependent perforam dance Class was system of points.	ork with mentor  and participation  rmance of clinical skills  ass participations  ritten exam	Field work  on education m  Seminar essa  Continuous assessment	assignments Other  nedical models  Practical training		
Student responsibilities  Screening student work (mark in bold)  Detailed evaluation withi  STUDENTS RESPONSIBILITIES	- Class attender Oral exam	ass attendance arminar work lependent perforam dance Class was system of points.	ork with mentor ad participation ass participations ritten exam	Field work  on education m  Seminar essa  Continuous assessment	assignments Other  nedical models  Practical training Essay		
Student responsibilities  Screening student work (mark in bold)  Detailed evaluation withi  STUDENTS RESPONSIBILITIES  Class attendance and	- Cla - Set - Ind - Ex: Class attendor	ass attendance arminar work lependent perforam dance Class was system of points.	ork with mentor  and participation  rmance of clinical skills  ass participations  ritten exam  PROPORTION	Field work  on education m  Seminar essa  Continuous assessment	assignments Other  nedical models  Practical training Essay  PROPORTIONS		
Student responsibilities  Screening student work (mark in bold)  Detailed evaluation withi  STUDENTS RESPONSIBILITIES  Class attendance and participation	- Class attendorm a European	ass attendance arminar work lependent perforam dance Class was system of points.	ork with mentor  and participation  rmance of clinical skills  ass participations  ritten exam  PROPORTION  ECTS CREDIT  0.80	Field work  on education m  Seminar essa  Continuous assessment  SOF  SOF  O  O	assignments Other  nedical models  ny Practical training Essay  PROPORTIONS OF GRADE  1996		
Student responsibilities  Screening student work (mark in bold)  Detailed evaluation withi  STUDENTS RESPONSIBILITIES  Class attendance and participation Seminar work	- Class attendorm a European HOURS	ass attendance arminar work lependent perforam dance Class was system of points.	pork with mentor and participation armance of clinical skills ass participations ritten exam  PROPORTION ECTS CREDIT 0.80 0.10	Field work  on education m  Seminar essa  Continuous assessment  SOF  O  O	assignments Other  nedical models  Ay Practical training Essay  PROPORTIONS OF GRADE 19%		
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Student responsibilities  Screening student work (mark in bold)  Detailed evaluation withi  STUDENTS RESPONSIBILITIES  Class attendance and participation Seminar work  Independent performance of clinical skills on	- Class attendorm a European HOURS	ass attendance arminar work lependent perforam dance Class was system of points.	pork with mentor and participation armance of clinical skills ass participations ritten exam  PROPORTION ECTS CREDIT 0.80 0.10	Field work  on education m  Seminar essa  Continuous assessment  SOF  O  O	assignments Other  nedical models  Ay Practical training Essay  PROPORTIONS OF GRADE 19%		
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Student responsibilities  Screening student work (mark in bold)  Detailed evaluation withi  STUDENTS RESPONSIBILITIES  Class attendance and participation Seminar work  Independent performance of clinical skills on	- Class attendorm a European HOURS	ass attendance arminar work lependent perforam dance Class was system of points.	pork with mentor and participation armance of clinical skills ass participations ritten exam  PROPORTION ECTS CREDIT 0.80 0.10	Field work  Seminar essa  Continuous assessment  SOF  S  O  O  O  O	assignments Other  nedical models  Ay Practical training Essay  PROPORTIONS OF GRADE 19%		

## Final exam:

- Exam is in the form of written test (20 questions, multiple choices, one correct answer)

	GRADE passed	CORRECT ANSWERS 12 - 20	
	<u>failed</u>	0 – 11	
Required literature:	Lit 1. Becker W, Naumann HH, Pfaltz CR, Behrbohm H. Ear, nose, and throat diseases with head and neck surgery. 3 <sup>rd</sup> edition. Stuttgart, New York: Thieme, 2009.		
Optional literature:	Lit 2. Carter S, Laird C. 10 Assessment and care of ENT problems. Emerg Med J 2005;22:128–139.  Lit 3. Jatana KR, Litovitz T, Reilly JS, Koltai PJ, Rider G, Jacobs IN. Pediatric button battery injuries: 2013 task force update. Int J Pediatr Otorhinolaryngol.2013;77:1392-9.  Lit 4. Presentations of lectures are available to students.  Lit 5. Video presentations of skills performed on education medical models are available to students at the course website.		
Additional information about the course			

Annexes: calendar classes

The number of	TOPICS AND LITERATURE
teaching units	TOTICS AND LITERATURE
I.	Title: L1 – Introduction to ENT emergencies.
	Short description: Lecture
	Literature: Lit2
II.	Title: L2 – Nosebleeds. Post-tonsillectomy bleeding.
	Short description: Lecture
	Literature: Lit1, Lit2
III.	Title: L3 – Blood in the ear. Pseudohemoptysis.
	Short description: Lecture
	Literature: Lit1
IV.	Title: L4 – Trauma to the nose
	Short description: Lecture
	Literature: Lit1
V.	Title: L5 – Trauma to the ear
, .	Short description: Lecture
	Literature: Lit1
VI.	Title: L6 – Trauma to the larynx
	Short description: Lecture
	Literature: Lit1
VII.	Title: L7 – Foreign bodies of food passage.
	Short description: Lecture
	Literature: Lit1
VIII.	Title: L8 - Foreign body in the ear. Foreign body in the nose.
	Short description: Lecture
	Literature: Lit1
IX.	Title: L9 – Foreign body in the hypopharynx/larynx. Foreign body in the trachea and bronchi
	Short description: Lecture
	Literature: Lit1
Х.	Title: L10 – Acute subglottic laryngitis. Epiglottitis
	Short description: Lecture
	Literature: Lit1, Lit2
XI.	Title: L11 – Complications of rhinosinusitis
	Short description: Lecture
	Literature: Lit1
XII.	Title: L12 – Complications of otitis media
	Short description: Lecture
	Literature: Lit1

XIII.	Title: L13– Inflammatory otogenic facial paralysis
	Short description: Lecture
	Literature: Lit1
XIV.	Title: L14 – Inflammations of the neck
	Short description: Lecture
	Literature: Lit1
XV.	Title: L15 – Case reports: Peritonsillar abscess. Parapharyngeal abscess and mediastinitis as
	complication of pharyngeal infection.
	Short description: Lecture
	Literature: Lit1
XVI.	Title: L16 – Coniotomy. Tracheotomy (surgical, percutaneous).
	Short description: Lecture
	Literature: Lit1
XVII.	Title: L17 – Corrosive ingestion injuries
	Short description: Lecture
	Literature: Lit1
XVIII.	Title: L18 - Sudden sensorineural hearing loss
	Short description: Lecture
	Literature: Lit1
XIX.	Title: S1 – Pediatric button battery injuries
	Short description: Seminar
	Literature: Lit3
XX.	Title: S2 – Stridor
	Short description: Seminar
	Literature: Lit1, Lit2
XXI.	Title: E1 – Epistaxis management
	Short description: Exercises (5 hours). Student performs anterior and posterior (Bellocq, Foley
	catheter) nasal packings on education medical models.
	Literature: Lit1, Lit2, Lit5