

<i>Name of the course</i>	<b>Emergencies in Otorhinolaryngology</b>			<b>Code</b>	MSESES12
<i>Type of study program Cycle</i>	Integrated university study program, Medicine			<b>Year of study</b>	6
<i>Credits (ECTS):</i>	1.5	<i>Semester</i>	XI	Number of hours per semester (1+s+e)	25 (8 + 7 + 10)
<i>Status of the course:</i>	elective	<i>Preconditions:</i>	In accordance with the Rulebook	<i>Comparative conditions:</i>	/
<i>Access to course:</i>	Sixth year students			<i>Hours of instructions:</i>	According to schedule
<i>Course teacher:</i>	Assoc Prof Boris Jelavić, MD, PHD				
<i>Consultations:</i>	As agreed with students				
<i>E-mail address and phone number:</i>	boris.jelavic@mef.sum.ba				
<i>Associate teachers</i>	Tomislav Sušac, MD, Senior Assistant				
<i>Consultations:</i>	As agreed with students				
<i>E-mail address and phone number:</i>					
<i>The aims of the course:</i>	<ul style="list-style-type: none"> <li>- To identify common ENT emergencies and manage them appropriately (level of GP)</li> <li>- Timely referral when necessary</li> </ul>				
<i>Learning outcomes (general and specific competences):</i>	<p>Student:</p> <ul style="list-style-type: none"> <li>- Recognizes and describes ENT emergencies, performs independently basic diagnostics, describes and explains basic management, and provides first aid.</li> <li>- Performs independently therapeutic procedures for some ENT emergencies.</li> </ul>				
<i>Course content (Syllabus):</i>	Lectures are delivered using traditional classroom teaching. Diagnostics and management of common ENT emergencies are presented. At seminar, the student presents an ENT topic or problem. Exercises and practical training are performed on education medical models.				
<i>Format of instruction (mark in bold)</i>	<b>Lectures</b>	<b>Exercises</b>	<b>Seminars</b>	Independent assignments	
	Consultations	Work with mentor	Field work	Other	
<i>Student responsibilities</i>	<ul style="list-style-type: none"> <li>- Class attendance and participation</li> <li>- Seminar work</li> <li>- Independent performance of clinical skills on education medical models</li> <li>- Exam</li> </ul>				
<i>Screening student work (mark in bold)</i>	<b>Class attendance</b>	<b>Class participations</b>	<b>Seminar essay</b>	<b>Practical training</b>	
	Oral exam	<b>Written exam</b>	Continuous assessment	Essay	
<b>Detailed evaluation</b> within a <i>European system of points</i>					
<b>STUDENTS RESPONSIBILITIES</b>	<b>HOURS</b>	<b>PROPORTIONS OF ECTS CREDITS</b>		<b>PROPORTIONS OF GRADE</b>	
Class attendance and participation	20	0.65		0%	
Seminar work	2	0.10		0%	
Independent performance of clinical skills on education medical models	10	0.35		0%	
Exam	13	0.40		100%	
Total	45	1.5		100%	
<b>Final exam:</b>					
<ul style="list-style-type: none"> <li>- Exam is in the form of written test (20 questions, multiple choices, one correct answer)</li> </ul>					

	GRADE	CORRECT ANSWERS
	passed	12 - 20
	failed	0 - 11
<b>Required literature:</b>	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.	
<b>Optional literature:</b>	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.	
<b>Additional information about the course</b>		

Annexes: calendar classes

<b>The number of teaching units</b>	<b>TOPICS AND LITERATURE</b>
<b>I.</b>	Title: L1 – Introduction to ENT emergencies. Short description: Lecture Literature: Lit2
<b>II.</b>	Title: L2 – Nosebleeds. Post-tonsillectomy bleeding. Short description: Lecture Literature: Lit1, Lit2
<b>III.</b>	Title: L3 – Blood in the ear. Coughing up blood. Short description: Lecture Literature: Lit1
<b>IV.</b>	Title: L4 – Trauma to the nose Short description: Lecture Literature: Lit1
<b>V.</b>	Title: L5 – Trauma to the ear Short description: Lecture Literature: Lit1
<b>VI.</b>	Title: L6 – Trauma to the larynx Short description: Lecture Literature: Lit1
<b>VII.</b>	Title: L7 – Foreign bodies of food passage. Short description: Lecture Literature: Lit1
<b>VIII.</b>	Title: L8 - Foreign body in the ear. Foreign body in the nose.. Short description: Lecture Literature: Lit1
<b>IX.</b>	Title: L9 – Foreign body in the hypopharynx/larynx. Foreign body in the trachea and bronchi Short description: Lecture Literature: Lit1
<b>X.</b>	Title: L10 – Acute subglottic laryngitis. Epiglottitis Short description: Lecture Literature: Lit1, Lit2
<b>XI.</b>	Title: L11 – Complications of rhinosinusitis Short description: Lecture Literature: Lit1
<b>XII.</b>	Title: L12 – Complications of otitis Short description: Lecture Literature: Lit1
<b>XIII.</b>	Title: L13– Inflammatory otogenic facial paralysis Short description: Lecture

	Literature: Lit1
<i>XIV.</i>	<b>Title:</b> L14 – Inflammations of the neck
	Short description: Lecture
	Literature: Lit1
<i>XV.</i>	<b>Title:</b> L15 – Case reports: 1. Peritonsillar abscess. Parapharyngeal abscess and mediastinitis as complication of pharyngeal infection. 2. Retroesophageal -prevertebral abscess in neck and thorax
	Short description: Lecture
	Literature: Lit1
<i>XVI.</i>	<b>Title:</b> L16 – Coniotomy. Tracheotomy (surgical, percutaneous).
	Short description: Lecture
	Literature: Lit1
<i>XVII.</i>	<b>Title:</b> L17 – Corrosive ingestion injuries
	Short description: Lecture
	Literature: Lit1
<i>XVIII.</i>	<b>Title:</b> L18 - Sudden sensorineural hearing loss
	Short description: Lecture
	Literature: Lit1
<i>XIX.</i>	<b>Title:</b> S1 – Pediatric button battery injuries
	Short description: Seminar
	Literature: Lit3
<i>XX.</i>	<b>Title:</b> S2 – Stridor
	Short description: Seminar
	Literature: Lit1, Lit2
<i>XXI.</i>	<b>Title:</b> E1 – Epistaxis management
	Short description: Exercises (10 hours). Student performs anterior and posterior (Belloccq, Foley catheter) nasal packings on education medical models.
	Literature: Lit1, Lit2, Lit5