

**International School of Medicine / Medicine (English)**

**2023 - 2024 Academic Year**

**INTEGRATIVE MEDICAL SCIENCES IV**

**Syllabus**

<b>Course Description</b>					
<b>Name</b>	<b>Code</b>	<b>Semester</b>	<b>T+A Hour</b>	<b>Credit</b>	<b>ECTS</b>
INTEGRATIVE MEDICAL SCIENCES IV	ISM3213837	Spring Semester	32+0	0	2
<b>Prerequisites Courses</b>					
<b>Recommended Elective Courses</b>					
<b>Language of Instruction</b>	English				
<b>Course Level</b>	First Cycle (Bachelor's Degree)				
<b>Course Type</b>	Elective				
<b>Course Coordinator</b>	Assoc.Prof. Ali Timuçin ATAYOĞLU				
<b>Name of Lecturer(s)</b>	Assoc.Prof. Ali Timuçin ATAYOĞLU				
<b>Assistant(s)</b>					
<b>Aim</b>	To define the methods of Cuppingtherapy, Mesotherapy, Prolotherapy, Ozonotherapy and Neural Therapy; inform about their history; to state the relevant basic concepts and principles and to inform them about exemplary scientific studies.				
<b>Course Content</b>	This course contains; Definition and History of Cupping Therapy,Basic Principles and Effect Mechanism of Cupping Therapy,Indications and Contraindications in Cupping Therapy,Application Principles and Scientific Studies in Cupping Therapy,Definition and History of Mesotherapy,Basic Principles and Effect Mechanism of Mesotherapy,Application Principles and Scientific Studies in Mesotherapy,Midterm exam,Definition, History, Basic Principles and Effect Mechanism of Propolotherapy,Application Principles and Scientific Studies in Prolotherapy,Definition and History of Ozone Therapy,Basic Principles and Effect Mechanism of Ozone Therapy,Application Principles and Scientific Studies in Ozone Therapy,Basic Principles, Effect Mechanism, Definition and History of Neural Therapy,Application Principles and Scientific Studies in Neural Therapy,Final exam.				
<b>Course Learning Outcomes</b>			<b>Teaching Methods</b>	<b>Assessment Methods</b>	
Defines Cuppingtherapy, Mesotherapy, Prolotherapy, Ozonotherapy and Neural Therapy methods.			10, 13, 16, 17, 19, 2, 37, 4, 5, 9	A, D, E	
Gains knowledge about the history of Cuppingtherapy, Mesotherapy, Prolotherapy, Ozonotherapy and Neural Therapy methods.			10, 13, 16, 17, 19, 2, 37, 4, 5, 9	A, D, E	
Knows the basic concepts and application principles of Cuppingtherapy, Mesotherapy, Prolotherapy, Ozonotherapy and Neural Therapy methods.			10, 13, 16, 17, 19, 2, 37, 4, 5, 9	A, D, E	
Becomes aware of exemplary scientific studies on Cuppingtherapy, Mesotherapy, Prolotherapy, Ozonotherapy and Neuraltherapy methods.			10, 13, 16, 17, 19, 2, 37, 4, 5, 9	A, D, E	
<b>Teaching Methods</b>	10: Discussion Method, 13: Case Study Method, 16: Question - Answer Technique, 17: Experimental Technique, 19: Brainstorming Technique, 2: Project Based Learning Model, 37: Computer-Internet Supported Instruction, 4: Inquiry-Based Learning, 5: Cooperative Learning, 9: Lecture Method				
<b>Assessment Methods</b>	A: Traditional Written Exam, D: Oral Exam, E: Homework				
<b>Lecture Schedule</b>					
<b>Sequence</b>	<b>Topics</b>	<b>Preliminary Preparation</b>			
1	Definition and History of Cupping Therapy	Reading related resource.			
2	Basic Principles and Effect Mechanism of Cupping Therapy	Reading related resource.			
3	Indications and Contraindications in Cupping Therapy	Reading related resource.			
4	Application Principles and Scientific Studies in Cupping Therapy	Reading related resource.			
5	Definition and History of Mesotherapy	Reading related resource.			
6	Basic Principles and Effect Mechanism of Mesotherapy	Reading related resource.			
7	Application Principles and Scientific Studies in Mesotherapy	Reading related resource.			
8	Midterm exam				
9	Definition, History, Basic Principles and Effect Mechanism of Propolotherapy	Reading related resource.			
10	Application Principles and Scientific Studies in Prolotherapy	Reading related resource.			
11	Definition and History of Ozone Therapy	Reading related resource.			
12	Basic Principles and Effect Mechanism of Ozone Therapy	Reading related resource.			
13	Application Principles and Scientific Studies in Ozone Therapy	Reading related resource.			
14	Basic Principles, Effect Mechanism, Definition and History of Neural Therapy	Reading related resource.			
15	Application Principles and Scientific Studies in Neural Therapy	Reading related resource.			
16	Final exam				
<b>Evaluation Methods</b>		<b>Weight(%)</b>			
Midterm Exam		40			
General Exam		60			

<b>Resources</b>	
1. Geleneksel ve Tamamlayıcı Tıp Uygulamaları Yönetmeliği ( <a href="https://www.resmigazete.gov.tr/eskiler/2014/10/20141027-3.htm">https://www.resmigazete.gov.tr/eskiler/2014/10/20141027-3.htm</a> )	
2. Geleneksel ve Tamamlayıcı Tıp Uygulamalarının Klinik Araştırmaları Hakkında Yönetmelik ( <a href="https://www.resmigazete.gov.tr/eskiler/2019/03/20190309-2.htm">https://www.resmigazete.gov.tr/eskiler/2019/03/20190309-2.htm</a> )	
3. Lecturer's notes.	