



**MUĞLA SITKI KOÇMAN UNIVERSITY FACULTY of MEDICINE**

**PHASE 4**

**ENGLISH MEDICINE PROGRAM**

**COURSE of CHRONIC WOUND  
MANAGEMENT AND DISEASES DUE TO  
PRESSURE CHANGES**

**2022/2023 Academic Year**

**COURSE GUIDEBOOK**

# PREFACE

**Dear Students,**

Welcome to the Underwater and Hyperbaric Medicine course, which is an important part of your education. In this course program, which will last for 1 week, we aim to provide the basic training of Underwater Medicine and Hyperbaric Medicine with all aspects of theoretical lessons and practical applications.

This guide explains what you will learn during your course, what you need to do, and the rules and working conditions you must abide by. We wish you all success with the belief that this guide will guide you in your course.

**Department of Underwater and Hyperbaric Medicine**

## GENERAL INFORMATION on COURSE

<b>Course Title</b>	: Chronic Wound Management and Diseases Due to Pressure Changes
<b>Main Department of Course</b>	: Medicine Sciences
<b>Department Responsible for Course</b>	: Underwater and Hyperbaric Medicine
<b>Course Code</b>	: MED-4501
<b>Course Topic Code</b>	: MED4-
<b>Course Type</b>	: Elective
<b>Duration of the Course</b>	: 1 week
<b>Teaching Method of the Course</b>	: Formal
<b>ECTS</b>	: 1
<b>Language</b>	: English
<b>Head of the department</b>	: Serkan Ergözen
<b>Teaching Staff</b>	:

Teaching Staff	Subject area	Theoretical Course duration (Hours)
Serkan Ergözen	Underwater and Hyperbaric Medicine	6

<b>Coordinator of the Department Education Program</b>	: Serkan Ergözen
<b>Coordinator of the Course Education Program</b>	: Serkan Ergözen
<b>Coordinator of the Course Examinations</b>	: Serkan Ergözen
<b>Coordinator of Course Assessment and Evaluation</b>	: Serkan Ergözen

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## TEACHING METHODS-TECHNIQUES

### 1. Theoretical lessons

PowerPoint presentation

### 2. Learning Centered Instruction

- a. Inpatient bedside clinical practice applications
- b. Outpatient bedside clinical practice applications

### 3. Interactive teaching

## PHYSICAL SPACE

Educational Activity	Physical Space	Description
Lessons	Courses will be notified to the class course group representative determined by the Dean's Office	Morphology Classrooms
Inpatient bedside Practical	Practical Chronic wound clinic	Inpatient wing of the hospital building;
Outpatient bedside practical	Outpatient clinic	Hospital building polyclinics wing 1st Floor / Underwater and Hyperbaric Medicine Polyclinic

## RELATED LEGISLATION

<http://www.tip.mu.edu.tr/tr/ilgili-mevzuat-6641>

## AIM(s) of the COURSE

<b>1</b>	In this course, it is aimed that students learn the concept and management of chronic wounds.
<b>2</b>	In this course, it is aimed that the students learn the diagnosis and treatment of diseases related to pressure changes.

## OBJECTIVE(s) of the COURSE

1	To be able to define chronic wound.
2	To be able to comprehend the importance of interdisciplinary approach in the management of chronic wound.
3	To be able to comprehend the measures to prevent the formation of chronic wound.
4	To be able to care for chronic wounds.
5	To be able to explain the diagnosis and treatment of diseases related to pressure changes in divers.

## INTENDED LEARNING OUTCOME(S)

1	Can define chronic wound.
2	Can comprehend the importance of interdisciplinary approach in the management of chronic wound.
3	Can comprehend the measures to prevent the formation of chronic wound.
4	Can care for chronic wounds.
5	Can explain the diagnosis and treatment of diseases related to pressure changes in divers.

# DUTIES AND RESPONSIBILITIES OF STUDENTS and OTHER ISSUES

## RESPONSIBILITIES

1. The training and education activities within the Course/Course blocks are carried out under the supervision of the instructor in charge of the course.
2. Before the clinical / outpatient applications, they introduce themselves as "Trainee Doctor" to the patient, give information and get permission from the patient, take the patient's medical history and perform a physical examination. They perform other medical procedures under the supervision of instructors.
3. The clothing of the trainee doctors in the working environment should be appropriate for the health worker.
4. Trainee doctors wear their ID cards visibly inside the hospital and in all educational environments.
5. Trainee doctors should wear a white doctor's coat inside the hospital.
6. They attend the theoretical and practical courses given by the instructors, as well as the applied trainings under the supervision of the instructors.
7. They attend visits during service working hours in line with the curriculum prepared by the department; They monitor all kinds of medical interventions for diagnosis and treatment in outpatient clinics, services and other diagnosis and treatment units, and perform the procedures in the practice list in accordance with the National Core Education Program / MSKU Extended Education Program at the specified level during course under the permission and supervision of the trainer.
8. In line with the program prepared by the department, they take the medical history of the patients given to them for educational purposes in the units, perform the physical examination, determine the preliminary diagnosis, make the interpretation and differential diagnosis of the case and present it to the lecturer.
9. They act in accordance with the principles and rules of medical professional ethics and deontology during practices.
10. They know the rights of patients and their relatives, acts respectfully to these rights and abides by the principle of confidentiality of patient information.



11. They do not share, use or accumulate for other purposes, information, documents and samples obtained from patients during training and practice studies with third parties, including patient relatives.
12. The patient should not inform the patient's relatives or third parties about the patient's medical condition and course without the knowledge and supervision of the instructors.
13. When they have serious information, observations and findings about patients that require changes in diagnosis and treatment, they immediately notify the relevant instructors.
14. They do not take the patient files out of the service.
15. They avoid behaviors that will harm patient safety and disrupt hospital hygiene.
16. During the course, they perform the tasks of preparing/presenting articles, preparing/presenting seminars, preparing/presenting interactive lessons, preparing/presenting cases and similar tasks.
17. All the work of the trainee students is for educational purposes only, and the trainee students cannot in any way be involved in the decisions, practices and records regarding the diagnosis, treatment, follow-up and medical care of the patients.
18. They know the patient rights regulation and the current health legislation and act accordingly.
19. During the course, it is important that the personal logbook is filled in carefully, signed and handed over to the responsible instructor at the end of the course.
20. They should be aware of the legislation of the Faculty of Medicine, including the Muğla Sıtkı Koçman University Faculty of Medicine Education-Training and Examination regulations, and act accordingly.
21. They act in accordance with the principles regarding attendance and other matters of Phase IV and V students in the MSKU Faculty of Medicine Education-Training and Examination Regulations.
22. As in all health institutions, they must comply with the rules, regulations and directives of the institution stated below.
  - ✓ Infection control rules
  - ✓ Rules on medical waste, household waste and recyclable waste
  - ✓ Radiation safety rules
  - ✓ Rules regarding employee health
  - ✓ Rules regarding patient safety

- ✓ Sample taking, sending, request writing, consent and similar rules
- ✓ Fire and safety precautions
- ✓ Ethical and deontological rules

**Please read:** MSKU Medical Faculty Pre-Graduation Education Rules, Students' Responsibilities and Duties

**OTHER ISSUES:**

1. Course period is 1 week
2. In addition to the theoretical courses, “patient practice” courses are conducted during the course
3. Practical lessons are conducted according to the practical application calendar created by the instructor in charge of the course by dividing them into groups and conveyed to the representative of the course group.
4. In practical lessons, they receive training to observe or apply the practical use of the topics covered in the theoretical courses in the outpatient clinic and inpatient service. The place where these practice hours will be held, and the preparation required from the students are announced to the group by the relevant lecturer.
5. During the course, students are expected to comply with the dress code and wear white coats and/or scrubs during bedside practice hours.
6. There is an obligation to continue during the course.

## RECOMMENDED RESOURCE(S)

### KEY RESOURCE(S)

KEY RESOURCE(S)	Matched Course Outcome(s)
1. Hiperbarik Tip	1, 2, 3, 4, 5
2. Diving and Subaquatic Medicine	5

### ADDITIONAL RESOURCE(S)

ADDITIONAL RESOURCE(S)	Matched Course Outcome(s)
1. Diabetic Foot	1, 2, 3, 4
2. Handbook of HyperbaricMedicine	1, 2, 3, 4, 5

# ASSESSMENT and EVALUATION

## Assessment and Evaluation Methods in Course Evaluation Exam

Assessment and Evaluation Method	Explanation	Role in the End of Course Evaluation	% Value for the End of Course Evaluation
Attendance to Classes		Compulsory	
Course Logbook		Compulsory	
Structured Theoretical Written Exam	The point value of each question will be written next to it.		%50
Structured Classical Oral Examination	All students will be tested by asking the same questions.		%50
<b>Total</b>			<b>%100</b>

## Availability of Course Logbook, Place of Course Report in Course Assessment and Evaluation Principles

In order to take the written exam, the student must not be absent.

## Existence of Attendance Requirement and Its Place in Course Assessment-Evaluation Principles

It is stated at the beginning of the course that the student who is absent from the courses will not be taken to the written exam.

## The Effect of the Assessment and Evaluation Methods to be Applied on the Success Status at the End of the Course

In order to be successful in the course, it is required to get at least 60 points in each stage of the course exams. A student whose score is 59 and below in an assessment-evaluation technique is not allowed to participate in the other exam phase.

Structured Theoretical Written Exam  
Structured Classical Oral Examination

#### Assessment and Evaluation in the Resit Examination

Assessment and Evaluation Method	Explanation	Role in the End of Course Evaluation	% Value for the End of Course Evaluation
Structured Theoretical Written Exam	The point value of each question will be written next to it.		%50
Structured Classical Oral Examination	All students will be tested by asking the same questions.		%50
<b>Total</b>			<b>%100</b>

#### Assessment and Evaluation in the Single Course Resit Exam

Assessment and Evaluation Method	Explanation	Role in the End of Course Evaluation	% Value for the End of Course Evaluation
Structured Theoretical Written Exam	The point value of each question will be written next to it.		%50
Structured Classical Oral Examination	All students will be tested by asking the same questions.		%50
<b>Total</b>			<b>%100</b>

## COURSE LOGBOOK

**NAME- SURNAME**

**STUDENT NUMBER:**

**LEVEL: IV**

APPLICATION	LECTURER SIGNATURE				
DATE					
1.Taking History					
2.Dressing					
3.Explaining the precautions to prevent wound formation in diabetic patients					

**DECISION:**      **PASS**                      **FAIL**

**Head of Department or Coordinator:**

**Date:**

**Signature:**



## TRAINING ACTIVITY AND ASSESMENT AND EVALUATION METHODS MATCHING OF COURSE GAINS

Intended Learning Outcome	TRAINING ACTIVITY MATCHING	ASSESSMENT AND EVALUATION METHODS
1.Can define chronic wound.	V, CS, P, R, L, S	P, OE, T
2.Can comprehend the importance of interdisciplinary approach in the management of chronic wound.	V, CS, P, R, L, S	P, OE, T
3.Can comprehend the measures to prevent the formation of chronic wound.	V, CS, P, R, L, S	P, OE, T
4.Can care for chronic wounds.	V, CS, P, R, L, S	P, OE, T
5.Can explain the diagnosis and treatment of diseases related to pressure changes in divers.	V, CS, P, R, L, S	P, OE, T
<b>Abbreviations</b>  Teaching Effectiveness: Visit (V), Case report (CS), Clinical presentation discussion-Outpatient clinic (P), Radiological evaluation (R), Laboratory evaluation (L)  Assessment Method: Practical - Scorecard (P), Oral exam (OE), Theoretical exam (T)		



**INFORMATION AND MATCHING TABLE ON THE THEORETICAL AND PRACTICAL COURSES IN THE COURSE TO BE INCLUDED IN THE 2022- 2023 ACADEMIC YEAR COURSE PROGRAM**

Lecture Code	Hours	Lesson Type (Theoretical / PT)	The subject of the Lecture	NCEP 2020 Item	Course Aim (CA/CA Relation )	Event Matching	Measuring Technique Matching	Associated Topics (Vertical Integration)	Associated Topics (Horizontal Integration)
	08:30-09:20		Course Introduction-Information Meeting						
TIP4- HPR001	09:30-10:20	T	Hyperbaric oxygen therapy	58, 190	1,2,3,4,5		P, S, T	Physiology, Biophysics	
TIP4- HPR002	10:30-11:20	T	Hyperbaric Oxygen for the Treatment of Difficult Infections	70, 114, 216, 238	2,3		P, S, T	1,2,3.class area	Infectious Diseases, Microbiology, General Surgery
	11:30-12:10		Free Study Hour and discussion						
	13:30-14:20	P							
	14:30-15:20	P	Polyclinic examination hour						
	15:30-16:20	P	Polyclinic examination hour						
	16:30-17:30		Polyclinic examination hour						
	08:30-09:20		Free Study Hour and discussion						
	09:30-10:20		Free Study Hour and discussion						
TIP4- HPR003	10:30-11:20	T	Hyperbaric Oxygen in Peripheral Vascular Diseases Applications	58, 70, 90, 95, 190, 251	2,3		P, S, T	1,2,3.class area	Cardiac surgery, General Surgery
TIP4- HPR004	11:30-12:10	T	Hyperbaric Oxygen in Diabetic Foot/Hand Wounds	70, 71, 76	2,3		P, S, T	1,2,3.class area	Internal medicine

			Treatment						
	13:30-14:20	P	Polyclinic examination hour						
	14:30-15:20	P	Polyclinic examination hour						
	15:30-16:20	P	Polyclinic examination hour						
	16:30-17:30	P	Polyclinic examination hour						
	08:30-09:20		Free Study Hour and discussion						
	09:30-10:20		Free Study Hour and discussion						
TIP4- HPR00 5	10:30-11:20	T	In Neurological and Pressure Change-Related Diseases Hyperbaric Oxygen Therapy	65, 86, 154, 280, 341	5		P, S, T	1,2,3.class area	Neurology, Emergency Medicine
TIP4- HPR00 6	11:30-12:10	T	Approach to the Chronic Wound	38, 71, 326	1,2,3,4,5		P, S, T	1,2,3.class area	General Surgery, Plastic Surgery, Infectious Diseases
	13:30-14:20	P	Polyclinic examination hour						
	14:30-15:20	P	Polyclinic examination hour						
	15:30-16:20	P	Polyclinic examination hour						
	16:30-17:30	P	Polyclinic examination hour						
	08:30-09:20		Free Study Hour and discussion						
	09:30-10:20		Free Study Hour and discussion						
	10:30-11:20	T	Free Study Hour and discussion						
	11:30-12:10	T	Free Study Hour and discussion						
	13:30-14:20	P	Polyclinic examination hour						
	14:30-15:20	P	Polyclinic examination hour						
	15:30-16:20		Free Study Hour and discussion						
	16:30-17:30		Free Study Hour and discussion						
	08:30-09:20		Pre-exam preparation time						
	09:30-10:20		Pre-exam preparation time						
	10:30-11:20	Exam	Exam written						

	11:30-12:10								
	13:30-14:20	Exam	Exam oral						
	14:30-15:20		Evaluation of Course Exam Questions						
	15:30-16:20		Course Evaluation Meeting						
	16:30-17:30								