

Kermanshah University of Medical Sciences
School of Medicine
Department of Community & Family Medicine
Lesson Plan

Course Title: Principles of Health Services_ International Med Students
Audiences: Semester3- Basic Sciences students
Unit number: 1,53 theoretical units
Time and Place: Saturday, 10- 12 AM, School of Medicine
Course Director: Dr. Behrooz Hamzeh, Ph.D. of Health Promotion

Overall Objective: familiarity with the basics of health care

Overall objectives of the sessions:

Students become familiar with:

- 1- Generalities and history of public health in Iran and the world
- 2- Concepts of health and disease and levels of prevention
- 3- PHC primary health care system
- 4- Different levels of service delivery in the country's health care network
- 5- Health education and promotion
- 6- Environmental factors related to health (water hygiene)
- 7- Social factors related to health
- 8- Health and safety of the workplace
- 9- Important occupational diseases
- 10- Principles and generalities of immunization
- 11- National vaccination programs
- 12- Principles of health services management
- 13- International Health

Special-purpose to the overall objectives of each session:

Session 1: Familiarity with the General Health History

Special goals: In the end, students will be able to:

- 1-1 -Explain the concept of public health.
- 1-2 -Describe the duties and applications of public health.
- 1-3 -Define public health from the perspective of the World Health Organization.
- 1-4 -Describe the perspective of public health from the perspective of the World Health Organization in the third millennium.
- 1-5 -State the scope of public health activities.

Session 2: Familiarity with the concepts of health and disease and levels of prevention

Special goals: In the end, students will be able to:

- 2-1 -Express the definition of health from different perspectives.
- 2.2 Express health from an ecological point of view.
- 2-3 -Explain the definition of the World Health Organization regarding health.
- 2-4 -Explain the statistical concept of health and cases of problems.
- 2-5 -Recognize the multiple dimensions of health and provide objective examples for them.
- 2-6 -Explain the concept of the disease, the spectrum and the natural course of the disease.

- 2-7 -Define the phenomenon of iceberg of disease.
- 2-8 -Different ecological models draw the way of causing the disease.
- 2-9 -Explain the concept of risk factors and express a number of risk factors for some common diseases.
- 2-10 -Explain the stage of preparation for a disease and the factors affecting it.
- 2-11 -Define the terms of the disability stage of diseases.
- 2-12 -Explain the concepts of prevention and types of intervention.
- 2-13- Define the types of prevention (primary - primary - secondary - tertiary) and explain its objective examples.

Session 3: Familiarity of students with primary health care system

Special goals: In the end, students will be able to:

- 3-1 -Define Health for All (HFA).
- 3.2 Explain the principles and foundation of Health for All (HFA) policy.
- 3.3 Analyze the principles that considered in order providing primary health care (HFA).
Design promotional, preventive, therapeutic, and rehabilitation interventions for a health problem.
- 3-5 - Explain the 12 global indicators of health assessment for all.
- 3.6 Explain health goals and strategies for everyone in the 21st century.
- 3-7 -Define and explain the basic principles of PHC.
- 3-8 -Describe the components and content of PHC.
- 3-9- Describe the levels of health care and provide examples for them.

Session 4: Familiarity of students with different levels of service in the Iranian health care network

Special goals: In the end, students will be able to:

- 4-1 -Describe the different levels of service delivery in the health care network of the country.
- 4-2 -Explain the duties of different levels of service delivery in the health care network of the country.
- 4-3 -Explain the criteria for the development of health units in the country.
- 4-4 -Explain the leveling and integration of services and service delivery through the referral system.
- 4-5 -Explain the characteristics of the country's health services delivery system in the field of primary health care.
- 4-6 -Explain the characteristics and description of the duties of the health houses of the rural health centers.
- 4-7- Explain the characteristics and job descriptions of urban health centers and health centers.

Session 5: Familiarity of students with education and health promotion

Special goals: In the end, students will be able to:

- 5-1 -Describe the first and second revolutions in public health.
- 5.2 Express the importance of the role of health education and health promotion programs in the Second Revolution.
- 5-3 -Define health education and health promotion.
List the reasons for using theories and models in health interventions.
- 5-5 -Define theory and model.
- 5-6 -Explain the most important planning patterns in health education.
- 5-7- Describe the most important theories and patterns of behavior change.

Session 6: Familiarity of students with environmental factors related to health (water hygiene)

Special goals: In the end, students will be able to:

- 6-1 -Explain the importance of healthy drinking water.
- 6-2 -List water-borne diseases.
- 6-3 -Define microbial quality standards of water.
- 6-4- Name the different groups of diseases that water is involved in transmitting.

Session 7: Familiarity of students with social factors related to health

Special goals: In the end, students will be able to:

- 7-1 -Explain the history of social factors that determine health.
- 7-2 -Express the concepts of social factors that determine health.
- 7-3- Explain the relationship between social factors and health consequences.

Session 8: Familiarity of students with health and safety at work

Special goals: In the end, students will be able to:

- 8-1 -Define occupational health.
- 8-2 -Explain the reasons for the emergence of occupational health science and its importance.
- 8-3 -Name the occupations and industries that were the initiators and implementers of occupational health science.
- 8-4 -Name the people who were the initiators and designers of this science in history.
- 8-5 -Explain the time and place of occupational health science in Iran.
- 8.6 Explain the definitions of occupational health from the perspective of the World Health Organization and the International Labor Organization.
- 8-7 -Explain the principles of occupational health.
- 8-8 -State the goals of occupational health and the ways to achieve it.
- 8-9 -Describe the health policies related to occupational health in Iran.
- 8-10 -Understand the conditions of occupational health and sustainable development.
- 8-11- Give examples of ways to achieve occupational health goals.

Session 9: Familiarity of students with occupational diseases

Special goals: In the end, students will be able to:

- 9-1 -Explain the most important occupational lung diseases
- 9-2 -Explain the most important occupational cancers
- 9-3 -Explain the types of occupational dermatitis
- 9-4 -Express the sources and symptoms of inorganic and organic lead poisoning
- 9-5 -Explain the types of occupational hazards of farmers
- 9-6- Explain the types of industrial work accidents

Session 10: Familiarity of students with the principles and generalities of immunization

Special goals: In the end, students will be able to:

- 10-1 -Explain the terms and definitions related to vaccination.
- 10-2 -Describe the immunological basis of vaccines.
- 10-3 -Express the safety determinants in vaccination.
- 10-4 -Explain the types of immunity in humans.
- 10-5 -List the available vaccines.
- 10-6- Explain the prohibitions of vaccination

Session 11: Familiarity of students with national vaccination programs

Special goals: In the end, students will be able to:

- 11-1 -Express the immunization program in children
- 11-2 -Express the immunization program in pregnant women.
- 11-3 -Explain how to inoculate different vaccines
- 11-4 -Do not state the specific cases of vaccine use
- 11-5 -Describe how to keep vaccines in the refrigerator.
- 11-6- Explain the problems in proper maintenance of the vaccine

Session 12: Familiarity of students with the principles of health services management

Special goals: In the end, students will be able to:

- 12-1 -Define management and leadership in healthcare.
- 12-2 -Name the schools of management and explain the characteristics of each.
- 12-3 -Explain the methods of recognizing health problems in a population
- 12-4 -Describe the planning steps.
- 12-5- Explain the difference between evaluation and evaluation in healthcare

Session 13: Familiarity of students with international health

Special goals: In the end, students will be able to:

- 13-1 -Explain the definition and importance of international health measures.
- 13-2 -Mention the most important measures in the field of international health.
- 13-3 -Express the international organizations related to health with the mission of each
- 13-4 -Explain the formation and mission of the World Health Organization.
- 13-5 -Mention the structure of the World Health Organization and its six regions.
- 13-6 -Explain the main tasks of the World Health Organization.
- 13-7- Name other organizations, programs and UN funds that are involved in health development.

References:

Park's Textbook of Preventive and Social Medicine 23rd Edition (2015)

Teaching method:

The lecture method, using slides and whiteboard, is in line with the questionnaire. In order to create a student participation in conducting a lecture, a question-and-answer method is used.

In case of holding virtual classes, use PowerPoint with audio in Navid system.

Educational tools:

A class with visual-audio features (computer, video projector, whiteboard or smartboard)

Evaluation

Exam	Date		Share of total score (in percent)	Exam Type
Midterm exam	19 March 2022		40%	MCQ
End of Term Exam	According to college education		60%	MCQ
One absence is allowed, the second absent is 0.25 and the third absent is 0.5 score (except by providing acceptable evidence) and more than three absences are treated in accordance with the training regulations.				

Class rules and expectations of Students:

Students should avoid any disturbance during teaching, such as:

1. Entering the class after the teacher
2. Eating and drinking during class
3. Long talk, laugh and make noise
4. Use of mobile phones and other audio and video equipment

Name and signature of the teacher: Dr. Behrooz Hamzeh

Name and signature of Head of Department: Dr. Ali Azizi

Name and signature of the EDO Director of the School of Medicine:

Course title: Principles of Health Services- Second Semester of Academic year 400- 401

Time and Place: Sunday, 10- 12 AM, School of Medicine

Ses sion	Date	Subject	Teacher
1	5 Feb 2022	Generalities and history of public health in Iran and the world	Dr. Hamzeh
2	12 Feb 2022	Concepts of health and disease and levels of prevention	Dr. Hamzeh
3	19 Feb 2022	primary health care system	Dr. Hamzeh
4	26 Feb 2022	Different levels of service delivery in the country's health care network	Dr. Hamzeh
5	5 March 2022	Health education and promotion	Dr. Hamzeh
6	12 March 2022	Environmental factors related to health (water hygiene)	Dr. Hamzeh
7	19 March 2022	Social factors related to health	Dr. Hamzeh
8	9 April 2022	Health and safety of the workplace	Dr. Hamzeh
9	16 April 2022	Important occupational diseases	Dr. Hamzeh
10	23 April 2022	Principles and generalities of immunization	Dr. Hamzeh
11	30 April 2022	National vaccination programs	Dr. Hamzeh
12	7 May 2022	Principles of health services management	Dr. Hamzeh
13	14 May 2022	International Health	Dr. Hamzeh