

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

Course title: Principles of Health Services_ International Med Stu _ Semester 2
Audiences: Students in the first semester of medicine - Basic Sciences
Unit number: 1,53 theoretical units
Time and Place: Tuesdays, 8- 10 AM, School of Medicine
Course Director: Dr. Ali Azizi, Community Medicine specialist

Overall Objective: Students become familiar with the basics health care

Overall objectives of the sessions:

Students become familiar with:

1. _General Health History
2. Health and disease concepts and prevention levels
3. Primary Health Care System PHC (1)
4. Primary Health Care System PHC (2)
5. Education and health promotion
6. Health-related environmental factors
7. Social Determinants of Health
8. Health and safety of work environment
9. Principles of immunization
10. Principles of Health Care Management
11. International organizations related to health
12. Health Indicators
13. Salaries of health care recipients

Special-purpose to the overall objectives of each session:

Session 1: General Health History

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

- 1-1. The concept of public health.
- 1-2. Describe the tasks and applications of public health.
- 3.1 Public health is defined by the World Health Organization (WHO).
- 1-4. Describe the public health outlook from the WHO perspective in the third millennium.
- 1-5. Describe the scope of public health activities.

Session 2: Health and disease concepts and prevention levels

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

- 2.1 Define health from different perspectives.
- 2.2. Health is from the ecological point of view.
- 2.3. Define the World Health Organization for Health.
- 2.4. Explain the statistical meaning of health and problem situations.
- 2.5. Describe the concept of disease, the spectrum and the natural course of the disease.

- 2.6. Define the phenomenon of iceberg disease.
- 2-7. Explain the concept of risk factors and describe some of the risk factors for several common illnesses.
- 2.8. Describe the stage of preparation for the disease and its effective factors.
- 2.9. Definition of terminology for the incapacity stage.
- 2-10. Explain the concepts of prevention and types of intervention.
- 2-11. Define the types of prevention (elementary - primary - secondary - third) and describe it objectively.

Session 3: Primary Health Care System PHC(1):

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

- 3.1. Definition for Health for All (HFA)
- 3.2. Explain the principles and underpinning of the Health Policy for All (HFA)
- 3.3. Improvement interventions, prevention, treatment and rehabilitation for a health problem .
- 3.4. Explain the 12 World Health Indicators for HFA
- 3.5. Explain the goals and strategies for health for everyone in the 21st Century .
- 3.6. Define and describe the basic principles of PHC .
- 3.7. Describe the components and contents of the PHC .

Session 4: Primary Health Care System PHC(1):

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. Describe the responsibilities of the different levels of service delivery in the healthcare network of the country.
- 4.3. Describe the criteria for the development of health facilities 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 health care system of the country in the field of primary health care.
- 4.6. Describe the specifications and descriptions of the duties of health centers in rural health centers.
- 4.7. Describe the specifications and descriptions of the duties of health centers and health centers.

Session 5: Education and health promotion

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

- 5.1. First and second revolutions in public health.
- 5.2 Importance of the role of health education and health promotion programs in the second revolution.
- 5.3. Define health education and health promotion.
- 5-4. List the reasons for using theories and patterns in health interventions.
- 5.5 Define the theory and the pattern.
- 5-6. Explain the most important patterns of health education planning.
- 5-7. Describe the most important theories and patterns of behavior change.

Session 6: Health-related environmental factors

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

- 6-1. Explain the importance of healthy drinking water.
- 6.2 List diseases transmitted through water.
- 6.3. Define the standards for the microbial quality of water.
- 6.4. The various groups of diseases that water plays a role in its transmission.
- 6.5. Explain the good practices of drinking.

Session 7: Session 6: Health-related environmental factors

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

- 7.1. Define air pollution.
- 7-2. Describe the importance of air pollution.
- 7-3. Describe the sources of air pollution and their contribution to the production of pollutants.
- 7-4. Describe the categorization of air pollutants (originally-secondary).
- 7-5. Describe the classification of air pollutants in terms of physiological effects (mufflers, stimulants, systemic toxins, opiate and anesthetic compounds, carcinogenic substances).
- 7.6. Express important illnesses caused by air pollution in humans.

Session 8: Social Determinants of Health

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

- 8.1. History of the determinants of health determinants.
- 8.2. Concepts of determinants of health determinants.
- 8.3. Describe the relationship between social factors and health outcomes

Session 9: Health and safety of work environment

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

9.1. Define professional health.

- 9.1. General occupational health due to work-related disease
- 9.2. methods of prevention of occupational diseases

Session 10: Principles of immunization

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

- 10.1. Explain the terms and definitions relating to vaccination.
- 10.2. Explain the immunological basis of vaccines.
- 10.3. The factors that determine the immunity in vaccination.
- 10.4. Explain the types of safety in humans.
- 10.5. List existing vaccines.
- 10.6. Explain the contraindications for vaccination.
- 10.7. Promote immunization program in children
- 10-8. Express the immunization program in pregnant women.
- 10.9. The syntax of the inoculation of various vaccines
- 10.10. Do not express any special use of vaccines
- 10-11. Describe how to keep vaccines in the refrigerator.
- 12.12. Describe the problems in the correct maintenance of the vaccine

Session 11: Principles of Health Care Management

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

- 11.1. Define management and planning in healthcare.
- 11.2. Explain the objectives of a well-planned health plan.
- 11.3. Explain the principles of management.

- 11.4. Describe the methods and techniques of management.
- 11.5. Describe the difference between assessment and evaluation in healthcare.
- 11.6. Describe the planning process.
- 11.7. List the characteristics of a comprehensive health plan.
- 11.8. Define the definition of "problem" in healthcare.
- 11.9. Explain ways of recognizing health problems in a specific population

Session 12: Principles of Health Care Management

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

- 12.1. List the most important international health international organizations.
- 12.2. The importance and necessity of the existence of international health organizations.
- 12.3. Explain the most important and the implications of each of the international health organizations.
- 12.4. Name the World Health Organization's six regions.
- 12.5. Describe the world's health care delivery systems
- 12.6. Explain the main characteristics of health systems in different countries.
- 12.7. The Principles of International Health Measures.
- 12.8. The scope of activities of organizations and funds that directly contribute to health development.
- 12.9. Describe the scope of activities of organizations and programs that are directly related to health.

Session 13: Health Indicators

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

- 13.1. To compare the status of access to health services in the world and in Iran.
- 13.2. Interpret the health status of countries according to their indicators.
- 13.3. Describe the state of communicable diseases in the country and the world.
- 13.4. Describe the state of food and nutrition security in the country and the world.
- 13.5. Interpretation of the status of financial resources spent on the health system at the national and international levels.

Session 14: Salaries of health care recipients

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

- 14.1. Describe the patient's favorable health care.
- 14.2. Describe the optimal way of providing information to the patient.
- 14.3. The principle of the right to choose and decide freely on the receipt of health care should be respected.
- 14.4. It must provide a health service based on respect for the patient's privacy (right to privacy) and respect for the principle of confidentiality.
- 14.5. Explain the principle of access to an effective system for dealing with patient complaints

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.

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 Mar 2019		50%	MCQ and Descriptive
End of Term Exam	According to college education		50%	MCQ and Descriptive
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:

Name and signature of Head of Department:

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

Course title: Principles of Health Services- Semester 1
Time and Place: Tuesdays, 8- 10 AM, School of Medicine

Session	Date	Subject	Teacher
1	1 Oct 2019	General Health History	Dr. Azizi
2	8 Oct 2019	Health and disease concepts and prevention levels	Dr. Azizi
3	15 Oct 2019	Primary Health Care System PHC(1)	Dr. Azizi
4	22 Oct 2019	Primary Health Care System PHC(2)	Dr. Azizi
5	29 Oct 2019	Education and health promotion	Dr. Azizi
6	5 Nov 2019	Health-related environmental factors	Dr. Azizi
7	12 Nov 2019	Social Determinants of Health	Dr. Azizi
8	19 Nov 2019	Health and safety of work environment	Dr. Azizi
9	26 Nov 2019	Principles of immunization	Dr. Azizi
10	3 Des 2019	Principles of Health Care Management	Dr. Azizi
11	10 Des 2019	International organizations related to health	Dr. Azizi
12	17 Des 2019	Health Indicators	Dr. Azizi
13	24 Des 2019	Salaries of health care recipients	Dr. Azizi