Curriculum on the subject of

**FAMILY MEDICINE**

CODE OF SUBJECT:

070101– «Therapeutical –Preventive medicine»

The training program:

On the curriculum subject “Family Medicine” for the Therapeutical –Preventive and Military-Medical faculty of the Medical University of Azerbaijan.

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Approved under the degree of the Ministry of Education of Azerbaijan Republic at \_\_\_\_\_\_\_\_\_\_\_ date under the registration number\_\_\_\_\_\_\_\_\_\_\_

**Introduction:** This program, based on the principles of family medicine, has been compiled by the department of Family Medicine of AMU for educational purpose. Family Medicine is a form of medical service which provides primary healthcare of most diseases and comprise whole family or individuals regardless their age bracket and both genders.

**Purpose:** The purpose of this curriculum training is to provide through lectures and practical classes, as well as through internship, for students of grades IV-V-VI of both Therapeutic-Preventive and military-medical faculties, main principles of the healthcare in family medicine.

**The purpose of teaching a subject:**

1. To exercise the reasons of health problems in the facilities providing primary healthcare, to define most common illnesses that occur in practice of family medicine, diagnostics, treatment and prevention, contacts with relatives of the patients, according to the specific characteristics of the diseases referral to the appropriate medical clinic, the olsility to provide preliminary medical care.

**Results of teaching a subject:**

1. Students will learn how to define early detection of diseases of various organs of all age groups, drawing up a plan for several clinical and laboratory – instrumental studies, providing differential diagnosis and (XBT) to determine the final diagnosis in XBT.
2. Defines the concept of biological and calendar age and according to these criteria determines the degree of heath o the patient.
3. Performs widespread manipulations o physician.
4. Studying methods of treatment of minor but frequently encountered diseases, and can decide to which specialist or hospital direct.
5. Provides clinical examination and rehabilitation, can determine the level of working capacity of patient.
6. Has the ability of enlightenment of population and its progress activity/

**A student must know the followings:**

* Deontological aspects of family physician
* Collection of medical history of family member’s diseases, as well as among population, to provide several clinic examinations.
* Understanding the difference between biological and calendar age of patients and according to that criterion to provide examination.
* To know the pathogenesis and etiology identified diseases:
* Organization of schedule of laboratory – instrumental examination.
* The formation of methods of prevention and treatment of various diseases.

**A student should be able to do the followings:**

* To work on MS Office computer program.
* To provide express – examination by glucometric and interpretation the results.
* To check the blood pressure by sphygmomanometer.
* To measure the height and weight, calculation of BKI and its interpretation.
* To provide examination by ERQ and explain the results.
* To examine peakflowmetry and interpretation the results.
* To take a throat swab.
* Examination using basic instruments, like USM, Roentgen, Ediocardiography, colonoscopy etc. and explanation the results.
* Artificial lungs ventilation.
* Restoration of the respiratory tract.
* Performing a closed heart massage.
* Performing of puncture of peripheral veins.

**A student has to take possession of the followings.**

* Diagnosis of common and widespread diseases, treatment and principles of prevention.

**Azerbaijan State Medical Univercity**

**Department of Family Medicine**

**Educational Programm of subject "Family Medicine"**

**Lecture Programm of 5th grade medical treatment**

**and preventive faculties № I and II**

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| **№** | **Subject** | **Hours** |
|  | General practitioner (family doctor), his main functional activities. Managment of emergency and first aid care. Arangement of the "Institution of the Family doctors". Concept of the "Medical Insurance", "Medical cybernetics", Accidental medicine". | **2** |
|  | Polyclinic- as a primary health care. It's structure and strength, district principle. Medical Advise Panel (MAP) and Medical-Labour Examiner Panel (MLEP). District doctor and Family Doctor. Optional choice of the patients for health resort treatment. | **2** |
|  | "Gerontology" and "Geriatric medicine". Aging and growing older. Paliative and supportive medical care. Medical and family psychotherapy. | **2** |
|  | Clinical pharmacotherapy and ethnoscience in the practice of family doctor. Non-traditional ways of treatment (reflexology, acupuncture, apitherapy, treatment with leeches, fitotherapy, psychotherapy, homeopathy, bioenergotherapy) Concept- "Bioethics and Medical ethics", "Medical deontology", "Mental health". | **2** |
|  | Legal basis of practical activities and legal liability of family doctor, legal protection of patients. Human immunodeficiency virus (HIV). Oncological diseases in the practice of family doctor. | **2** |

**Total: 10 hours**

**Practical programme of 5th grade medical treatment**

**and preventive faculties I and II**

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| **№** | **Subject** | **Hours** |
|  | District doctor and general-practitioner (family doctor), his main functional activities. Structure and strength of the polyclinic. Concept "Gerontology"and "Geriatric medicine". Situational tasks (speciality tests) | **5** |
|  | Respiratory diseases in the practice of family doctor. Treatment, emergencies. Medical examination of disability. Situational tasks. (specialty tests) | **5** |
|  | Cardiovascular, haematological diseases in the practice of family doctor. Treatment, emergencies. Occupational diseases, treatment and prevention. Medical examination of disability. Situational tasks. (specialty tests) | **5** |
|  | Diseases of gastrointestinal and hepatobiliary tracts in the practice of family doctor. Treatment, emergencies. Medical examination of disability. Situational tasks. (specialty tests) | **5** |
|  | Renal deiseases in the practice of family doctor. Treatment, emergencies. Medical examination of disability. Situational tasks. (specialty tests) | **5** |
|  | Endocrine and metabolic diseases, pheumatology and connective tissue diseases in the practice of family doctor. Treatment and emergencies. Medical examination of disability. Situational tasks. (specialty tests) | **5** |
|  | Reproductive health. Family Planning. Palliative and supportive medical care. Optional choice of the patients for health resort treatment. Situational tasks. (specialty tests) | **5** |

**Total: 35 hours**

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