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.

**Program**

The students are setting to know the work principles of polyclinics, as well as professional duties of doctors and their working methods.

They receive information about capacity, structure, and foundation of precinct principles of polyclinics.

Students meet with departments, offices of doctors of polyclinics, as well as emergency and recovery departments. In the statistics department they are getting acquainted with approved documents. These included bookkeeping, registration, and other documents of everyday use. A special care they pay to the filling out and maintaining an outpatient cards which covers all stages of human life. Students study how to issue recipes as well as patients medical histories.

There is also role and function of the Medical Advisory Commission takes important part in the activity of polyclinic. These students which are taken part in activity of prevention department have the opportunity to observe the conduct of medical examination and determine their types. The essence of clinical examination is revealed. While being in the offices of specialized doctors, like ophthalmologist, otolaryngologist, nephrologist, urologist, gastroenterologist etc. the participation of students in the examination of patients is ensured, they participate in filling up of documents, in treatment and medical rehabilitation works.

**Lecture program of 5th grade medical treatment and preventive faculties.**

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| № | Subject | Hours |
| 1. | Organization of primary care in medicine, its principals and low. Formation of Family Medicine Instruction in the World and in Azerbaijan. “Family health”, “Compulsory Medical Insurance”, “Medical Cybernetics”, “Disaster medicine”. | 2 |
| 2. | Polyclinic – as a primary health care. Its structure, strength, district principle Medical Advice Panel (MAP) and Medical Labour Examiner Panel (MLEP). Medical check-ups & preventive medicine. Medical rehabilitation and treatment in health resorts. | 2 |
| 3. | Violence in the family. The participation of family doctor in defending the rights of the family, women and children. | 2 |
| 4. | Phototherapy and non-traditional ways of treatment (acupuncture, apitherapy, treatment with leeches, homeopathy). Polypharmacy. | 2 |
| 5. | Bioethics and Medical ethics. Medical deontology. Organization of palliative medical care. Hospice care. | 2 |
| **Total: 10 hours** |

**Practical program of 5th grade medical treatment & preventive faculties**

 **I & II**

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| № | Subject | Hours |
| 1. | Polyclinic as a primary health care. It`s structure, strength, district principle | 2 |
| 2. | Family doctor, his main functional activities. Pediatric & health evaluation in the polyclinic  | 2 |
| 3. | Most frequently seen respiratory diseases in the practice of family doctor, in children & adults: bronchitis, bronchial asthma, COPD. Medical of disability situational tasks. | 2 |
| 4. | Most frequently seen respiratory diseases in the practice of family doctor, in children & adults: pneumonias, Plevritis. Medical examination of disability. | 2 |
| 5. | Most frequently seen cardio vascular diseases in the practice of family doctor, in children & adults: hypertension, myocarditis, and pericarditis. Medical examination of disability. Situational tasks. | 2 |
| 6. | Common cardio vascular diseases in the practice of family doctor, in children & adults: angina pectoris, myocardial infarction. Medical examination of disability. Situational tasks. | 2 |
| 7. | Common gastrointestinal diseases in the practice of family doctor, in children & adults: gastritis, peptic & duodenal ulcers. Medical examination of disability. Situational tasks. | 2 |
| 8. | Common gastrointestinal diseases in the practice of family doctor, in children & adults: enteritis colitis, croon’s disease. Medical examination of disability, situational tasks | 2 |
| 9. | Common hepato - biliary diseases in the practice of family doctor, in children & adults. Medical examination of disability. Situational tasks. | 2 |
| 10. | Common renal diseases in the practice of family doctor in children & adults: Medical examinational of disability. Situational tasks | 2 |
| 11.  | Surgical conditions in the practice of family doctor, in children & adults. Medical examination of disability. Situational tasks. |  |
| 12. | Hematological diseases in the practice in the practice of family doctor, in children & adults. Medical examinational of disability. Situational tasks Thalassemia.  | 2 |
| 13. | Common endocrine diseases in the practice of family doctor, in children and adults. Toxic goiters. Hashimoto`s disease. Medical examination of disability. Situational tasks. | 2 |
| 14 | Common endocrine diseases & metabolic conditions: diabetes mellitus & metabolic syndrome, hypercholesterolemia. Medical examination of disability situational tasks.  | 2 |
| 15.  | Common joint and connective tissue diseases in the practice of family practice, in children & adults. Medical examination of disability. Situational tasks. | 2 |
| 16. | Reproductive health Family Planning. |  |
| 17.  | Immunity. Types of immunity. Immunization of population National scheduler of vaccination.  | 2 |
| 18. | Palliative & supportive medical care. Optional choice of the patients for health resort treatment. | 2 |
| Total: 35 hours |