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 6th grade medical treatment & preventive faculties**

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| --- | --- | --- | --- |
| № | Subjects | | Hours |
| 1. | Common respiratory syndromes in the practice of family doctor | | 2 |
| 2. | Common syndromes in cardio vascular system in the practice of family doctor | | 2 |
| 3. | Common hematological syndromes in the practice of family doctor | | 2 |
| 4. | Common endocrinological syndromes in the practice of family doctor | | 2 |
| 5. | Common syndromes in renal medicine in the practice of family doctor. | | 2 |
| **Total 10 hours** | |

**Practical programme of 6th grade**

**medical treatment and preventive faculties I and II, autumn term**

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| --- | --- | --- |
| **№** | **Subject** | **Hours** |
|  | Respiratory diseases in the practice of family doctor. Clinical features, diagnosis, therapeutic health improvement and disease prevention measures. Emergencies. Medical examination of disability. Situational tasks (speciality tests) | **7** |
|  | Cardiovascular diseases in the practice of family doctor. Clinical features, diagnosis, therapeutic health improvement and disease prevention measures. Emergencies. Medical examination of disability. Situational tasks (speciality tests) | **7** |
|  | Diseases of gastrointestinal and hepatobliary tracts in the practice of family docor. Clinical features, diagnosis, therapeutic health improvement and disease prevention measures. Emergencies. Medical examination of disability. Situational tasks (speciality tests) | **7** |
|  | Endocrine diseases in the practice of family doctor. Metabolic sindrom. Clinical features, diagnosis, therapeutic health improvement and disease prevention measures. Emergencies. Medical examination of disability. Situational tasks (speciality tests) | **7** |
|  | Renal diseases in the practice of family doctor. Clinical features, diagnosis, therapeutic health improvement and disease prevention measures. Emergencies. Medical examination of disability. Situational tasks (speciality tests) | **7** |
|  | Haematological diseases in the practice of family doctor. Clinical features, diagnosis, therapeutic health improvement and disease prevention measures. Emergencies. Medical examination of disability. Situational tasks (speciality tests) | **7** |
|  | Reumatology and connective tissue diseases in the practice of family doctor. Clinical features, diagnosis, therapeutic health improvement and disease prevention measures. Emergencies. Medical examination of disability. Situational tasks (speciality tests) | **7** |
|  | Medical cybernetics and main principles of computerization in the practice of family doctor. Meanig of functional, endoscopic, electrophysiological and other diagnostic methods. Situational tasks (speciality tests) | **7** |
|  | Occupational diseases in the practice of family doctor. Clinical features, therapeutic health improvement and disease prevention measures. Emergencies. Medical examination of disability. Situational tasks (speciality tests) | **6** |
|  | Human immunoderficiency virus (HIV) in the practice of family doctor. Clinical features, therapeutic health improvement and disease prevention measures. Emergencies. Medical examination of disability. Situational tasks (speciality tests) | **6** |
|  | Ethnoscience and non-traditional ways of treatment (reflexology, acupuncture, apitherapy, treatment with leeches, fitotherapy, psychotherapy, homeopathy, bioenergotherapy) in the practice of family doctor. Situational tasks (speciality tests) | **6** |
|  | Basic principles of laboratory diaqnostics in in the practice of family doctor. Situational tasks (speciality tests) | **6** |

**Total: 80 hours**

**Practical program of 6th grade medical treatment & preventive faculties I & II, spring term**

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| № | Subject | Hours |
| 1 | Respiratory diseases of frequent occurrence in the practice of family doctor. Professional diseases. Early diagnosis of tuberculosis. Situational tasks. | 7 |
| 2 | Common syndromes of cardio vascular system in the practice of family doctor, in children and adults. Situational tasks. | 7 |
| 3 | Common rheumatological syndromes in the practice of family doctor. Situational tasks. | 7 |
| 4 | Common surgical and oncological diseases in the practice of family doctor, in children and adults. Situational tasks. | 7 |
| 5 | Basic principles of laboratory diagnostics in the practice of family doctor, in children and adults. | 7 |
| 6 | Common hematological syndromes in the practice of family doctor. Situational tasks. | 7 |
| 7 | Common neurological and psychiatric syndromes in the practice of family doctor, in children and adults. Situational tasks. | 7 |
| 8 | Common syndromes in renal medicine in the practice of family doctor, in children and adults. | 6 |
| 9 | Medical cybernetics and main principles of computerization in the practice of family doctor. Meaning of functional, endoscopic, electrophysiological and other diagnostic methods. | 6 |
| 10 | Dermatological syndromes in the practice of family doctor, in children and adults. Sexually transmitted diseases. | 6 |
| 11 | Common infectious diseases in the practice of family doctor. Coronavirus infection. |  |

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| **Total: 80 hours** |

**Practical programme of 6th grade**

**medical treatment and preventive faculties I and II, autumn term**

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| **№** | **Subject** | **Hours** |
|  | Respiratory diseases in the practice of family doctor. Clinical features, diagnosis, therapeutic health improvement and disease prevention measures. Emergencies. Medical examination of disability. Situational tasks (speciality tests) | **7** |
|  | Cardiovascular diseases in the practice of family doctor. Clinical features, diagnosis, therapeutic health improvement and disease prevention measures. Emergencies. Medical examination of disability. Situational tasks (speciality tests) | **7** |
|  | Diseases of gastrointestinal and hepatobliary tracts in the practice of family docor. Clinical features, diagnosis, therapeutic health improvement and disease prevention measures. Emergencies. Medical examination of disability. Situational tasks (speciality tests) | **7** |
|  | Endocrine diseases in the practice of family doctor. Metabolic sindrom. Clinical features, diagnosis, therapeutic health improvement and disease prevention measures. Emergencies. Medical examination of disability. Situational tasks (speciality tests) | **7** |
|  | Renal diseases in the practice of family doctor. Clinical features, diagnosis, therapeutic health improvement and disease prevention measures. Emergencies. Medical examination of disability. Situational tasks (speciality tests) | **7** |
|  | Haematological diseases in the practice of family doctor. Clinical features, diagnosis, therapeutic health improvement and disease prevention measures. Emergencies. Medical examination of disability. Situational tasks (speciality tests) | **6** |
|  | Reumatology and connective tissue diseases in the practice of family doctor. Clinical features, diagnosis, therapeutic health improvement and disease prevention measures. Emergencies. Medical examination of disability. Situational tasks (speciality tests) | **7** |
|  | Medical cybernetics and main principles of computerization in the practice of family doctor. Meanig of functional, endoscopic, electrophysiological and other diagnostic methods. Situational tasks (speciality tests) | **6** |
|  | Emergencies and first aid care in the practice of family doctor. Situational tasks (speciality tests) | **6** |
|  | Occupational diseases in the practice of family doctor. Clinical features, therapeutic health improvement and disease prevention measures. Emergencies. Medical examination of disability. Situational tasks (speciality tests) | **5** |
|  | Human immunoderficiency virus (HIV) in the practice of family doctor. Clinical features, therapeutic health improvement and disease prevention measures. Emergencies. Medical examination of disability. Situational tasks (speciality tests) | **5** |
|  | Ethnoscience and non-traditional ways of treatment (reflexology, acupuncture, apitherapy, treatment with leeches, fitotherapy, psychotherapy, homeopathy, bioenergotherapy) in the practice of family doctor. Situational tasks (speciality tests) | **5** |
|  | Basic principles of laboratory diaqnostics in in the practice of family doctor. Situational tasks (speciality tests) | **6** |

**Total: 80 hours**