YEDİTEPE UNIVERSITY MEDICAL SCHOOL

AIM AND OUTCOMES OF MEDICAL EDUCATION PROGRAM*,**

*"Consensus Commission Report" based on draft compiled at *"Workshop for Revision of Aim and*

***Outcomes of Medical Education Program at Yeditepe University Medical School*"**

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AIM

The aim of medical education program *is to graduate physicians* who

- *are aware of* the local and global health issues

- *have acquired competence* in knowledge, skills and attitudes to manage and provide primary health care service

- *know*, *apply* and *care* for ethical principles of the medical profession

- *keep up with* current knowledge at national and international level

- *are capable of* systematical thinking

- *are* investigative and questioning

- continually *renovate* and *improve* themselves

- *are capable of* teamwork

- *use* technology competently in medicine and related areas

- *have* effective communication skills

- *have* community leadership qualifications

OUTCOMES

Graduate should be able to:

1) *practice* **as a physician,**

- **oriented towards**
    - **individual and non-individual factors affecting health**
    - **sustainment and improvement of healthy condition**
    - **clinical conditions which**
        - **are frequent in community**

        and/or
        - **pose high risk for individual or community health**

        and/or

- ○ **life-threatening or constitute an emergency**
- **at a competency level appropriate to deliver primary health care services compatible with surrounding context of health determinants.**

1.1 *explain* normal structural components of human body, their functions and operational mechanisms at organismal, multisystem, system, organ, tissue, cellular and molecular levels.

1.2 *explain* healthy condition and factors affecting health.

1.3 *explain* and *relates* causes of clinical conditions, courses of effect and outcomes.

1.4 *explain* changes (*i.e. physiological and pathological*) in structural components of body, their functions and operational mechanisms under healthy and clinical conditions.

1.5 *explain* most frequently occurring or most important clinical complaints (*i.e. chief complaint*), symptoms, signs, laboratory and imaging findings and their emergence mechanisms in clinical conditions.

1.6 *explain* current medical and surgical methods used in interventions directed towards health conditions.

1.7 *use* contextually appropriate medical history taking method, out of different types (*e.g. comprehensive, focused or hypothetico-deductive*) and systematically, to gather medical information from healthy individual, patient or patient's companions (*i.e. heteroanamnesis*), in case of an encounter with a healthy person or a patient who seeks health care service for a health condition.

1.8 *employ* physical examination methods for systems in case of an encounter with a healthy person or a patient who seeks health care service for a health condition.

1.9 accurately *interpret* findings in medical history and physical examination, in case of an encounter with a healthy person or a patient who seeks health care service for a health condition.

1.10 *implement* diagnostic procedures (*e.g. point of care testing, physician office testing*) required for primary health care, in case of an encounter with a healthy person or a patient who seeks health care service for a health condition.

1.11 *select* (*utilize*) tests shown to be highly effective in clinical decision making by evidence-based medicine from the aspects of reliability, practicality and outcome

measures, in case of an encounter with a healthy person or a patient who seeks health care service for a health condition, and ***interpret*** results.

1.12   ***make*** clinical decisions (*e.g. benefit estimation, risk estimation, prevention, screening, test requisition, diagnosis, triage, staging, consultation, prognosis, watchful-waiting, intervention, monitoring, end of intervention, discharge, control, end of follow-up*) shown to be highly effective from the aspects of outcome measures by evidence-based medicine, in case of an encounter with a healthy person or a patient who seeks health care service for a health condition.

1.13   accurately ***perform*** interventional procedures (*i.e. interventional clinical skills, competencies and proficiencies*) required for primary health care, in case of an encounter with a healthy person or a patient who seeks health care service for a clinical condition.

1.14   ***coordinate*** referral or transport of patient, when necessary and with patient-centered approach, to secondary health care institution, without posing any risk to patient's health, security and confidentiality, in case of an encounter with a patient who seeks health care service for a clinical condition.

1.15   ***manage*** request or symptom, healthy or clinical condition, and healthy individual or patient, with beneficiary-centered approach, and with clinical decisions made by analytical and critical thinking, clinical reasoning and problem solving methods, in case of an encounter with a patient who seeks health care service for a health condition.

1.16   ***execute*** protective and therapeutic medical practices that are individual, family and community-oriented, easily accessible, integrated and coordinated, continuous, comprehensive, and based on the principles of confidentiality, in primary health care services.

1.17   ***identify*** factors that pose a high risk to individual and community health, and ***determine*** individuals or populations at risk in advance or at an early stage and implement the necessary measures.

1.18   ***value*** preventive health services, ***offer*** primary prevention (*i.e. prevention of diseases for the protection of health*), secondary prevention (*i.e. early diagnosis and treatment*) and tertiary prevention (*i.e. rehabilitation*) services, and ***provide*** consultacy on these issues.

1.19   ***provide*** life-style consultancy and design services to sustain and improve individual and community health.

2) ***manage*** primary health care services.

2.1   ***manage*** health care team in primary health care organization.

2.2.   ***lead*** community with sense of responsibility, good behavior and manners in consideration of individual behaviors and social dynamics of community, and if there is a necessity, ***develop*** projects directed towards health care services.

2.3   ***define*** health management and economics principles, models for organization and finance of health care services.

2.4   ***use*** health care resources with cost-effective manners.

3) ***advocate*** **individual and community health under all circumstances.**

3.1. ***provide*** consultancy services to sustain and promote the health of individual and community.

3.2. ***explain*** epidemiology of clinical conditions, and ***define*** measures to reduce frequencies.

3.3. ***describe*** completely all high risk factors for the community health (*e.g. natural disasters, nuclear accidents, fire, war, bio-terrorism, etc.*), and ***implement*** necessary measures in order to prevent effects on health.

3.4. ***explain*** health determinants completely (*e.g. physical environment, social environment, genetic background, individual response -behavior, biology-, health care services, welfare, etc.*), including conditions that prevent access to health care.

4) ***perform*** **medical practices according to regulatory and ethical principles and in consideration of behavioral sciences, social sciences, and humanities.**

4.1 ***recognize*** determinants affecting individual behaviors and attitudes, and social dynamics.

4.2 ***recognize*** basic ethical principles completely, and ***distinguish*** ethical and legal problems.

4.3 ***recognize*** regulations concerning national and international health systems.

4.4 ***employ*** safety, security and confidentiality principles completely for beneficiaries of health care services, companions and visitors, and health care workers.

4.5 *use* medical record and information systems according to regulations and ethical principles.

4.6 *value* informed consent taking in the framework of patients' rights, and *employ* fully.

4.7 *interpret* historical, anthropological and philosophical evolution of medicine, health and disease concepts, and *relate* to current medical practice

5) *establish* correct and effective communication with all stakeholders of health care services and collaborate.

5.1. *communicate* by using problem solving abilities during all of professional life with health care beneficiaries, co-workers, accompanying persons, visitors, patient's relatives, care givers, colleagues, other individuals and organizations.

5.2. *collaborate* with related organizations and institutions, with other professionals and health care workers as a team member through using problem solving abilities.

5.3. *communicate* with all stakeholders with consideration of socio-cultural differences.

6) *promote* **self medical knowledge and skills in view of the current scientific developments throughout own career.**

6.1. *adopt* and *implement* the importance of lifelong self-learning.

6.2. *recognize* importance of updating knowledge and skills; *search* current advancements and improve own knowledge and skills.

6.3. *speak* at least one foreign language at advanced level to follow the international literature and communicate with colleagues.

6.4. *recognize* methods to reach current scientific knowledge, and *use* available technology.

6.5. *recognize* principles of evidence-based medicine, and *implement* in health care services.

6.6. *develop* and *present* research projects.

7) *manage* **own postgraduate career.**

7.1. *recognize* and *investigate* postgraduate work domains and job opportunities.

7.2. *determine* postgraduate work domains, job opportunities and requirements for application, *distinguish* and *plan* requirements for further training and work experience.

7.3. *prepare* a resume, and **recognize** job interview methods.

7.4*. recognize* health technologies expected to be implemented in near future and emerging work areas.