



Program Specification for MD Degree in Family Medicine

Program type: Single

Department offering the program: Family Medicine department

Program Code: 927FAML

Total Credit points: 285 (115 + 170 for the previous master degree)

Academic year: 2015/2016

Date of approval: July 2015

Program Coordinators:

Professor Nagwa Eid Sobhy

Professor: Ebtessam Abd EL Ghaffar

Assistant Professor: Maha Abdelrahman Mowafy

External Evaluator: Professor Mohammed Muhammedy **Suez Canal University**

II. Intended Learning Outcomes of the Program (ILOs)

A. Knowledge and Understanding: By the end of the program the candidate should be able to:

- 1) Define the health needs and problems according to the human life cycle.
- 2) Describe the health care system as well as the medico legal legislations in Egypt.
- 3) Recognize the health promotion and preventive measures at the level of individuals, families and communities.
- 4) Determine the epidemiological needs of the local and regional communities.
- 5) Explain the etiology, clinical manifestations, differential diagnoses, prevention and management of the common, important and emergency medical conditions in Egypt according to the best available evidence.
- 6) Identify the uses, effects, side effects and drug interactions of drugs used in primary health care level (in pediatrics, adults, geriatrics, pregnant, lactating females and patients with liver or kidney diseases).
- 7) Report the principles of medical ethics.
- 8) Express the different types of research methodology, and medical statistics.

B. Intellectual Skills: By the end of the program the candidate should be able to:

- 1) Integrate the information gathered from medical records, history, clinical examination and investigations to reach a proper diagnosis or differential diagnosis.
- 2) Design community focus research.
- 3) Critically appraise research articles.
- 4) Apply administrative and quality management skills in conducting cost-effective community services.

C. Professional and Practical Skills: By the end of the program the candidate should be able to:

- 1) Provide appropriate counseling in health and disease with patients and their families.
- 2) Develop a holistic patient-centered management plan based on the national/international guidelines.
- 3) Use the different models for behavioral modification for life style modification.
- 4) Master routine procedures and skills needed in family practice.
- 5) Initiate management of emergency cases (in a timely manner) and perform proper referral.
- 6) Perform basic life support measures when indicated.
- 7) Individualize drug use in a cost effective manner.
- 8) Utilize medical records to insure appropriateness of continuity of care.
- 9) Apply a coordinated referral system.

D. Attitude, General and Transferable Skills: By the end of the program the candidate should be able to:

- 1) Recognize self-limitations with regards to practice and seek consultation with other health care providers to provide optimal care for his/her clients.
- 2) Apply safe medical practice through early recognition, reporting and correction of medical errors.
- 3) Show appropriate management of client's right and different ethical dilemma.
- 4) Demonstrate the capacity to communicate effectively with his/her clients; their families and his/her team.
- 5) Work effectively in a team, either as a member or as a leader, who can educate, motivate, supervise and lead other health workers.
- 6) Practice continuous professional development.
- 7) Understand different scientific methodologies.

III. Academic standards

1. Academic reference standards: The academic standards of Family Medicine program is adopted and accredited by the departmental council
2. External References for Standards:
American Academy of Family Physicians

IV. Program Admission Requirements

According to the Faculty of Medicine, Cairo University Bylaws for postgraduate Programs (July 2009), applicants should have Master degree or equivalent accredit degree accredit of in the same specialty. Admission to the program is open during January and July. The training prior to registration may be accredited according to departmental and hospital evaluation.

V. Program Structure and Contents

Program duration: Not less than two years. **structure:** Total credit points 285 (Table 1)

- **Previous Master degree:** **170 points**
- **Compulsory courses;** two academic year (30 weeks each)
 - Family medicine **17 credit points**
- **Elective courses;** choose one course **3 credit points**
 - Geriatric Health Care **3 credit points**
 - Children And Adolescent Health Care **3 credit points**
 - Women Health Care **3 credit points**
 - Mental Health Care **3 credit points**
- **Scientific activities:** **5 credit points**
- **Practical training program** **50 credit points**
- **Medical Doctorate thesis:** **40credit points**

Table 1: First part

Courses		Credit Points		ILOs
Code	Title	CPS	Total	
	Previous Master degree		170	
	Compulsory COURSES (Two years)			
FAML927FAML	Family medicine	17	17	A1, A2, A3, A4, A5 B1, B2, B3, B4
	ELECTIVE COURSES Choose one courses			
FAML927GHC	Geriatric Health Care	3	3	A4, A5, A6
FAML927CHAD	Children And Adolescent Health Care	3		A4, A5, A6
FAML927WHC	Women Health Care	3		A4, A5, A6
FAML927MHC	Mental Health Care	3		A4, A5
	SCIENTIFIC ACTIVITIES			
	Scientific activities	5	5	D1, D2, D3, D4, D5 D6, D7, D8, D9, D10
	PRACTICAL TRAINING			
FAML927C	Practical training	50	50	B2, B2, B3, B4, B5 C1, C2, C3, C4, C5 D2, D3, D4, D5, D6
	THESIS			
	Thesis	40	40	A7 B5 C5 D6, D7, D8, D9, D10, D11

Practical training program (3rd phase, advanced training):

According to the faculty of Medicine, Cairo University Bylaws for postgraduate programs (July 2009), the duration of the advanced practical training is 24 months. All the students should complete the advanced training program for these two years in the Family Medicine Department in order to acquire the needed credit points.

Medical Doctorate Thesis:

All MD degree students should prepare a thesis. The research and ethical committee must approve the protocol of research. The thesis must include review of literature and a research. The thesis is supervised by one or more senior staff members and may include personnel from other specialties according to the nature of the research. The thesis should be evaluated and approved by a committee of three professors including one of the supervisors and an external professor.

Scientific Activities:

The candidates should participate in the scientific activities of the department such as:

- Seminars
- Journal clubs
- Scientific meetings
- Workshops
- Conferences
- Thesis discussions

Each activity is allocated a number of points. The log book is revised prior to the permission for MD exam entry to ensure the completion of the recommended points.

Family Medicine MD DEGREE PROGRAM MATRIX

Courses		A Knowledge and Understanding								B Intellectual Skills				C Intellectual skills									D General Transferable skills								
		1	2	3	4	5	6	7	8	1	2	3	4	1	2	3	4	5	6	7	8	9	1	2	3	4	5	6	7		
Code	Name																														
	Family Medicine	X		X		x	X			x		x	x	x				x			x				X				X	X	
	Geriatric Health Care				X			X					x					x		x		x			x		x	x	x		
	Children And Adolescent Health Care	X	X		X		X		X	x	x			x				x		x									x	x	
	Women Health Care	X		X			X											x		x					x	X				X	
	Mental Health Care		X					X	X	x	x				x					x									x	x	
	Scientific Activities	X		x		X	X						x							x		x							x	x	
	Residency Training Program				X				x	x					x					x		x	x	x					x	x	
	MD	x	X				x	X					x							x									x	x	X

VI. Regulations for Progression and Program Completion

After collecting the required credit points for the related courses of Family Medicine syllabus, the advanced practical training, the scientific activities and ultimately the Thesis, the candidate will be eligible to sit for the final examination. In case of failure of the candidate to pass the examination, he/she may resubmit for the next examination. The candidate will receive the MD degree after passing this final examination. MD degree should be obtained within a maximum of six years after the registration date.

VII. Assessment

A: Assessment Tools

- **Supervision and Monitoring of Training Program**

According to the Faculty of Medicine, Cairo University Bylaws for practical Training Programs, the supervisors carry continuous assessment during the program. A practical training program logbook will be kept for each candidate to document all his/her practical activities as well as his/her participation in different scientific activities. The head of the department should allow the candidates to undergo the final examination when they complete their training program and collect the needed credit points.

- **Formal Assessment**

According to the Faculty of Medicine, Cairo University Bylaws for postgraduate Programs (July 2009). Students should be assessed at the end of the program.

- **Compulsory courses:** Family medicine: distributed in three written exam papers, three hours each (Problem-solving questions, essay questions, MCQs, EMQs and three cases)+ practical and oral exams.
- **Elective courses:** Geriatric Health Care, Children And Adolescent Health Care, Women Health Care and Mental Health Care (choose one courses): distributed in one written exam paper for three hours (problem-solving questions, essay questions, MCQs and EMQs) + practical and oral exams.

B: Assessment Schedule:

Written examination will be held in four days (Three hours each) include short and long assay questions, and MCQ (include problem solving). This will be followed by the practical and oral examinations in separate days.

The written exam will be held in May/ November (four days)

Day one: Family medicine (2 paper 3 hours each written exam)

Day two: Family medicine one commentary 3 cases

The practical exams will be held in two days.

The oral exams will be held in two days.

C: Weighing Of Assessment (Marks allocated to courses):
(50 marks for each credit point)

Courses		Marks			
Code	Title	Written	Oral	Practical	Total
Compulsory courses					
FAML927FAML	Family Medicine	450	150	300	850
Elective courses (choose only 1 course)					
FAML927GHC	Geriatric Health Care	100	50	-	150
FAML927CHA	Children And Adolescent Health Care	100	50	-	150
FAML927WHC	Women Health Care	100	50	-	150
FAML927MHC	Mental Health Care	100	50	-	150
Total					1000

- It is mandatory to pass all the papers of written exams separately.
- The passing mark in any written exam is $\geq 60\%$.

VIII. Evaluation of Program Intended Learning Outcomes

Evaluator	Tool	Sample
1. Senior Students	Questionnaire at the end of the program	All the PG students
2. Alumni	The faculty is currently developing an Alumni office for postgraduates	Not yet determined
3. Stakeholders	A meeting will be arranged during annual conference of the department	Available representatives from: <ul style="list-style-type: none"> - Army hospitals - National medical insurance - Medical syndicate - Ministry of health
4. External Evaluators	Review program and courses Attending the final exam	Once before implementation Bi-annual report
5. College Quality Assurance committee	Annual program reviewer	

Signatures

Date of approval by department: July 2015

Program coordinator:

Professor Nagwa Eid Sobhy

Professor: Ebtesam Abd EL Ghaffar

Head of Department

Prof. Dr. Maha Abd Elrahman