



**Faculty of Medicine
Suez Canal University**

**Family Medicine Department
Program Specification- MD**

PROGRAM SPECIFICATIONS

Program Title:
(Medical Doctorate of Family Medicine)

Code: (FMFM)



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Program Specification

A- Basic Information

- 1. Program Title:** Medical Doctorate of Family Medicine
- 2. Program Type:** Single Double Multiple
- 3. Department (s):** Family Medicine Department
- 4. Coordinator:** Dr. Eman Esmat Toson (1st part)
Dr. Rabab Ata (2nd part)
Dr. Sally Meawad (2nd part)
- 5. External Evaluator(s):** prof. Samir Wasef
- 6. Last date of program specifications approval:** the bylaws of the MD program in Family medicine in the Faculty of Medicine, Suez Canal University were approved by the Supreme Council of Universities in 2015.
- 7. Date of program specification revision approval:** 2019
- 8. Number of credit points for this degree:** 180 Credit Points(CP)

B- Professional Information

1- Program Aim

The aim of MD program in family medicine is to graduate competent consultant in family Medicine. He/she should be to show fluency in providing primary, integrated and continuous health and medical care, which is personal, holistic and comprehensive in concepts, focus on individuals, families and communities where they live and work. He/she should be able to demonstrate the appropriate attitude of Continuous Professional Development and Evidence Based Practice. He/she should demonstrate outstanding performance in leading a team, supervising an educational/research activities.

2- Intended Learning Outcomes (ILOs) of the program



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a. Knowledge and understanding:

- a.1.** Discuss the different teaching and learning methods in family medicine.
- a.2.** Recognize the importance and steps of conducting community diagnosis program.
- a.3.** Describe the differences between leadership and management
- a.4.** Demonstrate the doctor-patient relationship and communication skills with respect for the patient's autonomy.
- a.5.** Recognize the importance of EBM in clinical practice
- a.6.** Describe patient's problems presented in primary health care (acute/chronic, serious/not serious, Differentiated /undifferentiated) according to Evidence Based Guidelines.
- a.7.** Demonstrate role of EBM-CAM in prevention and management of common and important problems
- a.8.** Describe current and predicted demographic and epidemiological features of ageing
- a.9.** Identify the legal and ethical issues in geriatric medicine, including assessment of competence, driving and the elderly, end of life decision making, power of attorney and living wills.
- a.10.** Describe the principles of rational drug prescribing in Family Practice.
- a.11.** Discuss etiology, clinical picture and diagnosis of common perinatal and neonatal health problems.
- a.12.** Describe the role of family physician in antenatal care.
- a.13.** Recognize menopause: diagnosis; physical, emotional, and sexual impact of the transition; risks/benefits of hormone replacement therapy and complementary alternatives.
- a.14.** Discuss the preoperative care, routine postoperative assessment, the expected postoperative complications and the preventive strategies to patients with chronic diseases in family practice.
- a.15.** Discuss the occupational health and safety
- a.16.** Identify the concept of health economics (financing, cost analysis, cost effectiveness, cost containment)
- a.17.** Recognize the important Landmark studies (WHO initiatives/Other international academic societies) in the relevant domains to FP
- a.18.** Identify principles of quality in health care and the criteria of choosing quality improvement projects
- a.19.** Describe the basic research knowledge required for conducting applied research in PHC.

b. Intellectual skills

By the end of this course the student should be able to:-

- b1. Make use of the time as diagnostic/therapeutic tool and tolerate uncertainty on solving patient problem.
- b2. Apply EBM and problem solving skills in daily practice.
- b3. Value and recognize coping with uncertainty
- b4. Apply mentorship in Teaching/learning of trainees in Family Medicine
- b5. Analyze potentials as well as training needs for team members in order to effectively mobilize team members



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- b6. Exhibit creativity/resourcefulness in their professional learning, scientific behaviors and clinical practice.
- b7. Demonstrate interest in implementing quality, leadership culture in family practice and educational activities
- b8. Demonstrate interest in Applying professionalism ethical principles
- b9. Apply knowledge of research ethics and biostatistics and write scientific papers
- b10. Practice lifelong learning and support patient care decisions.
- b11. Determine personally effective strategies for the identification and remediation of gaps in medical knowledge needed for effective practice.
- b12. Assess risk related to professional practice

c. Professional & practical skills:

By the end of this course, the student should be able to

- c.1 Conduct clinical examinations of various body systems fluently for the different age groups and gender with eliciting abnormal findings
- c.2 Perform competently all procedures (invasive/non-invasive) considered essential for different age groups and gender in Family Practice
- c.3 Demonstrate effective, appropriate, and timely utilization of diagnostic procedures relevant to Obstetrics and Gynecology.
- c.4 Implement safe management strategies for the common physical and mental health problems (serious/not serious/undifferentiated/acute/chronic) in different age groups and gender using Evidence- based guidelines.
- c.5 Demonstrate fluency in managing difficult consultations for different age groups and different circumstances in Family Practice
- c.6 Apply principles of Ethics in managing ethical dilemmas in Family Practice
- c.7 Write and evaluate professional reports
- c.8 Implement EBM –CAM as a treatment modality for common and important health problems
- c.9 Develop and implement own personal development plan based on learning need assessment
- c.10 Apply the basic statistics and information technology in data management of the research study

d. General and transferable skills:

- d.1.** Communicate ideas and arguments effectively.
- d.2.** Use computers/Internet efficiently and Manage information effectively to improve quality of care.



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- d.3.** Present information clearly in written, electronic and oral forms
- d.4.** Conduct supervised training session for junior staff members.
- d.5.** Conduct appraisal session for junior staff members.
- d.6.** Apply the self-evaluation and self-learning skills.
- d.7.** Manage time and work effectively within a team.
- d.8.** Apply the principles of scientific evidence in daily practice
- d.9.** Patron scientific meetings effectively

3- Academic Standards

3a - External References for Standards (Benchmarks)

- Academic reference (s) standards ARS

3b -Comparison of Provision to External References (attached)

- Facilities Required for Teaching and Learning

- Family Practice Centers
- Suez Canal University hospital Outpatient Clinics.
- Data show, Computer and Internet facility.
- Family Medicine Me and college library.

4- Curriculum Structure and Contents

4a- Program duration: The program lasts for a minimum of 3 academic years and maximum 7 years, as specified in the internal bylaws for postgraduate studies based on credit points system in the Faculty of Medicine, Suez Canal University approved on February 7th, 2016.

4b- Program structure:

MD Program Credit points (CP) structure:

- Total needed credit points for getting MD degree 180 CP
- The program consists of:
First part 30 CP, Thesis 50 CP, and second part 100 CP



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First part

- Two papers (Three hours) written comprehensive exam. in Family Medicine and Community Health (Advanced)
- Oral exam in Family Medicine and Community Health(Advanced)
- Three hours written exam. in Biostatistics and Research Methodology (Advanced)
- Oral exam in biostatistics
- One hour written exams for every elective course (2 electives are required)
- Computer Certificate (ICDL)
- Passing level 60% of total marks of the exam and at least 50% passing level of the total written exam marks

Second part

- The MD Program is based in implementation on using teaching /learning methods consistent with adopting the adult learning. The following teaching/learning methods are used:-

- 1- Interactive Lectures (staff members/guest from other department)
- 2- Portfolio Presentation/tutorial
- 3- Learning through observation (one to one teaching) in FPCs/Hospital
- 4- Role play
- 5-Self-directed Learning (EBM case studies, library, web, journal club..)

1. Periodical evaluation

Satisfactory performance in the periodical evaluation is a prerequisite to set for final program exam (active participation in the educational activities (activities of half-day release), Portfolio, Application projects, written and clinical examination...)

2. End of program exam.

- The candidate could pass two comprehensive exams. (3-hour exam.) in family medicine
- Clinical examinations

Thesis: Passing is required with 50 credit points before standing for 2nd part examination

5. Program courses:

5.1- Level/Year of Program: 1st of MD (30 CP)



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Courses			Assessment				
Code No.	Course Title	No. of Credit points	Written Exam			Oral exam	Practical or clinical Exam.
			No of papers	Duration	Marks		
FMFM51	Family Medicine and Community Health (Advanced)	18	2 papers	3 hours For each paper	130+130	100	0
BR	Biostatistics and Research Methodology (Advanced)	8	1 paper	3 hours	160		
E	Two elective Courses*	2+2	1paper + 1paper	1 hour for each paper	40 + 40		
Total		30 credit points			600 marks**		

* Student should select two courses that had not been selected before in the Master degree. Each one has 2CP.

- E01 Evidence Based Medicine (Community Medicine Department)
- E02 Scientific Writing (Medical Education Department)
- E03 Quality in Medical Education (Medical Education Department)
- E04 Infection Control (Microbiology Department)
- E05 Critical Appraisal (Community Medicine Department)
- E06 Communication Skills (Medical Education Department)

** Every credit point equal 20 marks

5.2- Level/Year of Program: Second part of MD program (100 CP)

Courses			Assessment					
Code No.	Course Title	No. of Credit points	Written Exam			Oral exam	Practical or clinical Exam	Continuous assessment *(Portfolio)
			No of papers	Duration	Marks			
FMFM52	Scientific and	30	2	3 hours For each	270 for	180	540	540



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theoretical Course in family medicine				paper	each paper			
Clinical training in family medicine	60							
Scientific activities in family medicine* **	10 (not included in the total marks)							
Total		100 credit points				1800 marks**		

****every credit point equal 20 marks ***Scientific activities are not included in the total marks**

6- Program Admission Requirements

Bachelor of medicine & surgery with minimum good grade

The program accepts candidates with Master in Family Medicine with a grade of GOOD at least.

7- Student Assessment Methods

- 7.1 Written (MEQ):** to assess the cognitive domain.
- 7.2 Written (MCQs):** to assess the cognitive domain
- 7.3 Oral Viva Cards:** to assess higher cognitive and attitude domains.
- 7.3 Clinical exam :** to assess practical and professional skills.
- 7.4 Portfolio :** to assess the cognitive, psychomotor and the affective domains.

8- Weighting of Assessments

Total marks for MD degree are 2400 Marks

Type of exam

First part (30 credit points= 600 mark)

- Written exam 500
- Oral exam 100
- **Total 600**



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Second part (100 credit points including 10 credit points not included in the total marks =1800 mark)

• Written exam	540
• Oral exam	180
• Clinical exam	540
• Portfolio	540
• Total	1800

Total of the MD degree 2400

9- Regulations for Progression and Program Completion

The regulations for program completion follow the regulations of Medical Doctorate of Family Medicine in the Faculty of Medicine, Suez Canal University approved by the Supreme Council of Universities.

First part.

- Passing level 60% of total marks of the exam
- At least 50% passing level of the total written exam marks for each course.

Second part.

- Passing level 60% of total marks of the exam
- At least 60% passing level of the total written exam marks for each course.
- At least 60% passing level of the total (oral and clinical) exam marks for each course.

Thesis/Assay

Passing thesis defense is prerequisite for getting MD degree

10- Evaluation of Program Intended Learning Outcomes (ILOs)

Evaluator	Tool	Sample
1- Senior students	Questionnaires	Random sample of participants
2- Alumni	Questionnaires	Comprehensive sample
3- Stakeholders (Employers)	Interviews	Random sample
4-External Evaluator(s) (External Examiner(s))	Attending exam. (using checklist and/or rating scale)	
5- Other		



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References:

- The European Definition of General Practice / Family Medicine. WONCA Europe 2011 Edition. 2011.
- An Introduction to Competency-based Residency Education”: 2006 ACGME. A product of the ACGME Outcome Project, 2006.

- **Scientific supervisor for first part** : Prof. Maged Khattab
- **Scientific supervisor for second part** : Prof. Abdul Mageed Ahmed
: Prof. Hanan Abass
- **Head of Family Medicine Department** : Prof. Mosleh Abdelrahman
- **Date:** August, 2019