

Course Specification

(2025-2026)

1. Basic Information

Course Title:	Family Medicine & Integrated Management of Common Illness			
Course Code:	FMIM 513			
Department/s participating in delivery of the course	Family medicine, Internal medicine, Surgery, Paediatrics, Public health ,Obstetrics and Gynaecology & Psychaitry			
Number of credit hours/points of the course (according to the bylaw)	Theoretic al	Clinical	Other (specify)	Total
	2.4	1.8	1.8	6
Course Type	اجبارى			
Academic level at which the course is taught	الفرقة/المستوي الخامس			
Academic Program	Bachelor of Medicine & Surgery (Integrated program 5+2)			
Faculty/Institute	Faculty of medicine			
University/Academy	Benha university			
Name of Course Coordinator	Prof.dr. Mona Elmahdy			
Course Specification Approval Date	7/9/2025			
Course Specification Approval (Attach the decision/minutes of the department /committee/council)	16/9/2025			

2. Course Overview (Brief summary of scientific content)

1- The overall aims of the module are to:

The overall aims of the module are to:

- To introduce students to the principles, concepts, and scope of family medicine and its role in primary health care.
- To develop students' ability to recognize, assess, and manage common health problems encountered in primary care settings.
- To enhance students' understanding of preventive medicine, health promotion, and screening programs across different age groups.
- To train students to apply effective communication skills and patient-centered approaches in family practice.
- To enable students to work collaboratively within a multidisciplinary health care team and understand the organization of primary health care services.
- To promote ethical practice, professionalism, and respect for patient autonomy and confidentiality in family medicine.

3. Course Learning Outcomes CLOs

Matrix of course learning outcomes CLOs with program outcomes POs (NARS/ARS)

Program Outcomes (NARS/ARS) (according to the matrix in the program specs)		Course Learning Outcomes Upon completion of the course, the student will be able to:	
Code	Text	Code	Text
CLO1	Explain principles of primary health care and family medicine practice	1.1.	Understand the scope and principles of family medicine / Explain the role of the family physician in primary care

Program Outcomes (NARS/ARS) (according to the matrix in the program specs)		Course Learning Outcomes Upon completion of the course, the student will be able to:	
Code	Text	Code	Text
CLO2	Describe etiology, clinical presentation, diagnosis and management of common diseases/conditions	1.2	1.2.1. Diagnose and manage menstrual disorders / Identify psychotic disorders / Recognize thyroid disease presentations / Diagnose common STDs / Diagnose dyspepsia and peptic ulcer disease. 1.2.2. Identify signs of child abuse and apply appropriate reporting and management procedures 1.2.3. Recognize common adolescent behavioral disorders and outline basic assessment and management strategies. 1.2.4. Assess travel-related health risks in pediatric patients and recommend preventive measures including vaccinations and safety advice
CLO3	Explain principles of disease prevention, screening and health promotion	1.3	1.3.1. Select appropriate screening and diagnostic tests / Conduct periodic health maintenance / Promote healthy lifestyle interventions 1.3.2. Identify and evaluate breast masses 1.3.3. Explain core lifestyle interventions to prevent and manage chronic diseases in children and adolescents.
CLO4	Describe health care systems and organization of primary health care services	1.4	Describe Egyptian healthcare system and family health model / Describe composition and function of family health team
CLO5	Recognize ethical and legal aspects of medical practice	1.5	Apply ethical principles in clinical decision-making / Recognize patient autonomy and confidentiality
CLO6	Analyze patient health problems using clinical reasoning	1.6	1.6.1. Analyze family dynamics affecting health / Differentiate cardiac vs non-cardiac chest pain
CLO7	Interpret laboratory and diagnostic results	1.7	1.7.1. Interpret common diagnostic test results / Assess dehydration severity in children/Fever with rash (pediatric)

Program Outcomes (NARS/ARS) (according to the matrix in the program specs)		Course Learning Outcomes Upon completion of the course, the student will be able to:	
Code	Text	Code	Text
CLO8	Formulate differential diagnosis and management plan	1.8	1.8.1. Recognize acute abdomen presentations / Bronchial asthma chest pain / Detect depressive disorders/ anxiety in primary care 1.8.2. Provide initial management
CLO9	Identify cases requiring referral and prioritize management	1.9	Recognize indications for emergency referral in different conditions
CLO10	Obtain history and perform clinical examination	2.1	Conduct comprehensive ambulatory visits / Monitor growth and development
CLO11	Apply screening and diagnostic procedures in primary care	2.2	2.2.1.Screen for hypertension / Screen for anxiety disorders / Screen for osteoporosis risk factors 2.2.2.Discuss laboratory investigations and diagnostic criteria for evaluating immunologic dysfunction in children.
CLO12	Manage common acute and chronic conditions in primary care	2.3	2.3.1. Manage hypertension / Manage diabetes mellitus / Provide initial management for asthma 2.3.2. Apply appropriate management and referral decisions according to IMCI protocols. 2.3.3. Explain the pathophysiology, clinical features, and complications of common pediatric immunologic dysfunction disorders.
CLO13	Provide patient counseling and health education	2.4	2.4.1. Demonstrate patient counseling techniques / Promote patient understanding and health behavior change / Counsel patients on family planning 2.4.2. Describe the principles and components of the Integrated Management of Childhood Illness (IMCI) strategy
CLO14	Maintain medical records and continuity of care	2.5	Maintain comprehensive family health records / Utilize health records for patient follow-up

Program Outcomes (NARS/ARS) (according to the matrix in the program specs)		Course Learning Outcomes Upon completion of the course, the student will be able to:	
Code	Text	Code	Text
CLO15	Perform a comprehensive geriatric assessment including functional, cognitive, and psychosocial evaluation of older patients.	3.1	Demonstrate the ability to assess an elderly patient's physical, cognitive, and psychosocial status and document findings.
CLO16	Administer vaccines safely to patients with chronic illnesses, pregnancy, or immunodeficiency according to guidelines.	3.2	Apply modifications to standard immunization schedules for special situations and document vaccination correctly.
CLO17	Collect, handle, and interpret newborn screening samples according to standard protocols.	3.3	Demonstrate correct procedures for newborn screening, including sample collection, lab submission, and follow-up actions.
CLO18	Assess breastfeeding technique and infant growth; provide practical guidance to correct feeding problems.	3.4	Identify and manage common breastfeeding difficulties and implement nutritional support plans for infants.
CLO19	Conduct dietary assessment of elderly patients and develop practical meal plans based on their needs.	3.5	Evaluate geriatric patients' nutrition status and implement individualized dietary interventions.
CLO20	Demonstrate practical skills in counseling, selection, and application of contraceptive methods.	3.6	Provide hands-on counseling and assist patients in selecting appropriate contraception.
CLO21	Perform anthropometric, dietary, and laboratory assessments for women; interpret results for planning interventions.	3.7	Conduct nutritional assessments for women and implement evidence-based dietary plans.
CLO22	Apply clinical skills to evaluate menopausal symptoms and implement management plans.	3.8	Demonstrate patient-centered counseling and symptom management for menopausal women.
CLO23	Assess infant readiness for weaning, advise caregivers, and implement safe complementary feeding practices.	3.9	Identify weaning difficulties and provide practical guidance to ensure smooth transition to solid foods.
CLO24	Work effectively within a multidisciplinary health team.	4.1	Collaborate effectively within family health team.

Program Outcomes (NARS/ARS) (according to the matrix in the program specs)		Course Learning Outcomes Upon completion of the course, the student will be able to:	
Code	Text	Code	Text
CLO25	Practice professionalism and ethical conduct	4.2	3.1.6 Identify breastfeeding challenges and apply strategies to ensure optimal infant nutrition.
CLO25	Apply lifelong learning and evidence-based practice	4.3	Evaluate complementary and alternative medicine / Apply evidence-based preventive care

4. Teaching and Learning Methods

- **Modified Lectures:** A modified lecture, generally presented in a manner of interaction between students and the lecturers
- **Clinical sessions.**
- **Tutorials:** Small group teaching on special topics will be organized for the purposes of enhancing the students' general knowledge and overall understanding. It allows students to apply newly acquired knowledge and it is suitable for higher order cognitive objectives.
- **Field training in family health centers. And Skill lab.**

Course Schedule:

Number of the Week	Scientific content of the course (Course Topics)	Total Weekly Hours	Expected number of the Learning Hours			
			Theoretical teaching (lectures/discussion on groups/	Training (Practical/Clinical/	Self-learning (Tasks/ Assignments / Projects/ ...)	Other (to be determined)
1	Introduction Principles, concepts and scope of family medicine , The family structure, family function	1	1	-	-	
2	Family Physicians Team Family Health	1	1			
3	Record Family Health	1	1			
4	Difficult consultation and delivering bad news in family practice	1	1			
5	infrastructure in The health care Health Model Egypt & Family	1	1			
6	&Criteria of Family Genogram standard Genogram	1	1	1		
7	Screening, diagnostic tests useful in family medicine practice	1	1	1		
8	Medical Ethical issues in family practice	1	1			
9	The Basic Benefit Package (B.B.P.), and Child and maternal (BBP) health services in	1	1			
10	Patient Counseling Patient compliance & patient education	1	1			
11	Management of menstrual Cycle irregularity & PMS	1	1			
12	Family Planning	1	1			
13	(Psychiatry) Psychosomatic	1	1			
14	Psychiatry) (Psychosis	1	1			
15	(O&G) ANC	1	1			
16	Common female genital infections (STDs)	1	1			
17	(Surgery) Breast masses	1	1	1		
18	(Surgery) Thyroid Disorders	1	1	1		
19	Anxiety disorders	1	1			
20	Depression (Psychiatry)	1	1			
21	Role of family physician in hypertension management of	1	1			

22	Referral in family practice (Family medicine)	1	1			
23	Causes & Role of family physician in management of acute abdomen (Surgery)	1	1			
24	Role of family physician in management of diabetic foot	1	1			
25	Bronchial asthma (first aid management & referral)	1	1			
26	Chest pain (first aid management & referral)	1	1			
27	Growth & puberty problem	1	1			
28	(pediatric) Fever with rash	1	1			
29	Diarrhea in children (pediatric)	1	1			
30	Integrated management (IMCI) of childhood illness	1	1			
31	Role of family physician in management of DM	1	1			
32	Dyspepsia and peptic ulcer disease	1	1			
33	Osteoporosis (Rheumatology)	1	1			
34	Immunologic dysfunction disorders among children (Rheumatology)	1	1			
35	Periodic health maintenance I	1	1			
36	Periodic health maintenance II	1	1			
37	Palliative treatment	1	1			
38	Complementary and alternative medicine	1	1			
39	Geriatric neglect and abuse	1	1			
40	Puberty changes	1	1			
41	Child abuse and family violence	1	1			
42	Life style medicine principles	1	1			
43	Behavioral disorders among adolescent	1	1			
44	Travel medicine	1	1			
45	Ambulatory visits	1	1			
46	Comprehensive geriatric assessment			1		
47	Immunization in special situation			1		
48	Newborn screening			1		
49	Breastfeeding problems and nutritional care of infants			1		

50	Nutrition of geriatric			1		
51	Application of methods of contraception			1		
52	Nutritional assessment of females			1		
53	Role of family physician in managing menopausal symptoms			1		
55	Weaning problems			1		

5. Methods of students' assessment

No.	Assessment Methods *	Assessment Timing (Week Number)	Marks/ Scores	Percentage of total course Marks
2	Formative assessment	4-1-2026	-	-
	Continuous assessment	11-1-2026	45	30
3	Final Written Exam	1-3-2026	60	40
	Final Clinical Exam (OSCE)	5-3-2026	45	30
	Assignments / Project /Portfolio/ Logbook	18-1-2026 & 21-1-2026		
	Field training	23-12-2025, 24-12-2025, 30-12-2025& 31-12-2025		

6. Learning Resources and Supportive Facilities *

Learning resources (books, scientific references, etc.) *	The main (essential) reference for the course (must be written in full according to the scientific documentation method)	<ul style="list-style-type: none"> • Textbook of Family Medicine, 9th Edition by Robert E. Rakel , David Rakel; 2016 • Taylor' s manual of family medicine Paul M. Paulman, Audrey A. Paulman, Kimberly J. Jarzynka & Nathan P. Falk. Third edition, LWW; Fourth edition (2015)
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		<ul style="list-style-type: none"> • Swanson's Family Practice Review: A Problem-Oriented Approach, by Alfred Tallia , Joseph Scherger , Nancy Dickey , 9th edition, 2021 • Case file of family medicine, fourth edition . Mc Graw Hill Education, 2016.
	Skill Labs/ Simulators	Skill lab

**Name and Signature
Course Coordinator**

Prof.Dr. Mona Elmahdy.

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