

Name of the module: Family Medicine 5th year Medicine

Number of module 4718-5072

BGU Credits: 5

ECTS credits

Academic year: 5th year medicine

The Family Medicine clerkship will be six weeks in duration.

Hours of instruction in primary care

setting: 40 hours a week during 4 weeks.

Lecture and clinical discussions: 35 hours. Specific classroom numbers are indicated in the schedule.

Language of instruction: Lectures will be given in Hebrew.

Cycle: B.Med.Sc

Position: Mandatory module

Field of Education: Family Medicine Department Faculty of Health Sciences; Ben Gurion University

General prerequisites: Students should complete successfully the following modules: Pediatrics, Internal Medicine, and Psychiatry

Grading scale: Successful work in the primary care clinic and passing of the examination.

Course Description: This six-week clerkship is composed of a clinical rotation in primary care, community clinics and theoretical modules presented every Wednesday of the rotation. The issues to be discussed and learnt focus in Family Medicine (FM), a primary care specialty that provides the majority of care for individuals and their families, integrating biological, psychological and social sciences. The scope of FM encompasses all ages, genders, organ systems and disease entities.

Aims of the module: To introduce and teach the basic principles of FM.

Objectives of the module:

1. Learn how to diagnose and treat common clinical problems confronted by family physicians.
2. Obtain a focused or comprehensive history and physical examination appropriate to the constraints of the encounter and the patient's presenting complaint.
3. Generate differential diagnoses for patient's problems, with special consideration of the common disorders that present in a primary care setting.
4. Develop a reasonable evaluation and treatment plan for the patient, taking into account patient preferences, psychological state, cultural background, financial resources and other life circumstances.
5. Communicate effectively with patients and their families.

Learning outcomes of the module: On successful completion of the course, the student should be able to:

1. To recognize and manage common acute and chronic ambulatory medical problems (evaluation of common presenting signs and symptoms, acute illnesses, chronic diseases, clinical preventive medicine and palliative care conditions).
2. To determine the health risks of patients and populations and make recommendations for screening and health promotion.
3. To identify community resources available to enhance patient care as well as barriers to optimal care.
4. To recognize and understand the principles of FM (community-oriented care, equity, accessibility, comprehensiveness, continuity of care, coordinated care, health promotion and disease prevention).
5. To establish effective relationships with patients and families using patient-centered communication skills.
6. To describe the nature and scope of primary care practice and how it interacts with other health professions.

Attendance regulation: Students are expected to participate in 80% of their clinical rotation days and 80% of their theoretical classes.

Teaching arrangement and method of instruction:

1. Each student works with a community-based family physician, on a 1:1 basis.
2. All students should have both supervised and independent patient interactions throughout the rotation.

Contact details:

Department of Family Medicine,
University Center for Health
Sciences Ben-Gurion University of
the Negev, P.O.Box 653, Beer-
Sheva, 84105, Israel
Tel. 972-8-6477436
Fax.972-8-6477552
E-mail: family@bgu.ac.il

Module evaluation: at the end of the clerkship the students will evaluate the module, in order to draw conclusions, and for the university's internal needs

Confirmation: 2012 (academic year)

Last update: 11/2015

3. Students will also discuss selected topics in depth in small group case based learning sessions (Teaching Attending), and will take active part in a Geriatric Home Visit and Orthopedic Workshop Session.
4. One day a week students come together for frontal oral lectures and clinical discussions. In this learning format, students are expected to develop a differential diagnosis, decide what further tests are needed and determine a patient care plan. A faculty moderator is present to provide guidance and direction to the group.
5. In addition to attendance in the primary care clinic and class, the students are expected to do their assignment and individual work at home:
 - a. Students are required to study and review the lectures.
 - b. Students are required to prepare medical histories of two patients which they had been observing during their rotation in the clinic. Patient's histories over the basis for the oral examination.

During the rotation it is recommended to use worksheet (Appendix A). The sheet was built from 3 tables on the following topics:

1. List of common signs and symptoms.
2. List of acute and chronic conditions.
3. Basic principles of community and preventive medicine

The tables show the majority of subjects to study and meet in round tables. Daily check allows you to assess your initial clinic and then to see what is lacking in your experience and help guide or middle course to maximize those items which have not been met. Students should check the tables every day, and if they met topics that do not appear, they can add them in the free space at the end of each list. .







Assessment:

Students are assessed in the module only after successful work in the primary care clinic with a score at the end of 70 or higher and by passing the exam with a score of 65 or higher.

Recommended Textbooks

1. Branch — Office Practice of Medicine
2. Goroll, May, Mulley — Primary Care Medicine
3. Rakel, Conn — Family Practice
4. Taylor — Family Medicine: Principles and Practice
5. Barker et al Principles of Ambulatory Medicine
6. Hoekelman — Primary Pediatric Care
7. Nelson — Textbook of Pediatrics
8. Berkowitz — Pediatrics: A Primary Care Approach

Medical Journals

-  www.medicalmedia.co.il - Israeli Journal of Family Practice
-  www.acc.org – The New England Journal of Medicine
-  bmj.bmjournals.com – The British Medical Journal
-  www.thelancet.com – The Lancet
-  jama.ama-assn.org – The Journal of American Medical Association
-  www.aafp.org/afp.xml - Journal American Family Physician

Medical sites

-  www.univadis.co.il
-  www.goldenhour.co.il
-  www.mednet.co.il
-  www.e-med.co.il
-  www.theheart.org
-  www.UpToDate
-  www.Medscape.com
-  http://www.USPreventiveServicesTaskForce.org
-  www.cochrane.org
-  www.tripdatabase.com
-  www.eboncall.org
-  www.guidelines.gov
-  www.eguidelines.co.uk
-  www.ahrq.gov
-  www.cdc.gov
-  www.who.int/en/

*All learning material will be available to the students on the module's website / library/ electronic documents available to BGU students

Appendix A

Common symptoms and signs

1	Abdominal Pain		25	Nausea/Vomiting	
2	Anxiety		26	Palpitations	
3	Back pain		27	Rash	
4	Chest Pain		28	Red Eye	
5	Constipation		29	Rhinorrhea	
6	Cough		30	Sexual dysfunction	
7	Depression		31	Pruritus	
8	Diarrhea		32	Sleep disturbances	
9	Dizziness / Vertigo		33	Sore throat	
10	Dyspnea		32	Weight loss	
11	Dysuria		35	Obesity	
12	Earache		36	Vaginal discharge	
13	Nocturnal enuresis		37		
14	Fatigue/Weakness		38		
15	Fever		39		
16	Dyspepsia		40		
17	Headache		41		
18	Hematuria		42		
19	Incontinence		43		
20	Joint pain /swelling		44		
21	Limp		45		
22	Lymphadenopathy		46		
23	Menstrual problems		47		
24	Mood Disturbances		48		

Acute and Chronic Conditions

1	C.V.A.		22	Irritable bowel disease	
2	Foreign body in eye		23	Malignant diseases	
3	Head injury		24	Migraine	
4	Lacerations		25	Osteoarthritis	
5	ACS -Myocardial infarction & ischemia		26	Osteoporosis	
6	Otitis media		27	Parkinson's disease	
7	Pneumonia		28	Somatization	
8	Renal colic		29		
9	Sinusitis		30		
10	Sprains		31		
11	Tonsillitis		32		
12	Upper respiratory tract infection		33		
13	Urinary tract infection		34		
14	Substance abuse		35		
15	Anemia		36		
16	Asthma/C.O.P.D		37		
17	Diabetes Mellitus		38		
18	Epilepsy		39		
19	Hyperlipidemia		40		
20	Hypertension		41		
21	Hyperthyroidism/hypothyroidism		42		

Basic principles of community and preventive medicine

1	Preventive medicine and health promotion	
2	Checking a baby / child / teenager has healthy growth and development	
3	Family planning / tracking pregnant women	
4	Evaluation and treatment postmenopausal women	
5	Evaluation of the elderly and confined patient	
6	Definition and identification of high risk population	
7	Making a home visit	
8	Monitoring a patient in the hospital	
9	Monitoring, treatment and support terminally ill patient and his family	
10	Knowledge of community resources	
11	Reference patient person family and environmental context	
12	Understanding family problems such as divorce, violence, separation and death	

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