

Rotation Family Medicine (FAM-422)

STUDY GUIDE





Sohag University



Prepared by

Department of:

- Family Medicine.

Under supervision of

Medical Education Centre

Faculty of Medicine

Sohag University

2024-2025

**Contact Information of Staff Responsible
for Block**

Medicine 1 (FAM- 422)

Block Medicine 1 (FAM- 422)

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Basic Information about the Block

Program on which the course is given:

Bachelor of Medicine and Surgery (M.B. B.Ch.).

● Elements (major or minor) of the program:

Undergraduate

● Departments offering the course:

Family Medicine

Academic. year/level:

4th year

Date of specification approval:

2023 -2024/ 2024-2025

⊖ **Title:** Family medicine

⊖ **Code:** FAM-422

⊖ **Credit points:**3

⊖ **Weeks:** 2 weeks.

⊖ **Lectures:** 8 hours

⊖ **Practical :** 6 hours

⊖ **Student learning activities:** 30 hours.

⊖ Formative assessment (15 hours= 0.5 point)& portfolio based assignments (31 hours= 1 point)

⊖ Total hours: 90 hours.

Block MAP

The total hours of the MCQ exam	Total marks	hours/week	Points	Code	The responsible department	Block	Year
1	60	2hr/ week for 7 weeks	3	FAM-422	Family medicine department	Family medicine	4 th Year

NARS competencies covered by the block

Clinical Rotations (Blocks)/ Competencies

The competency areas of the NARS- Medicine competency framework are:

- 1- The graduate as a health care provider.
- 2- The graduate as a health promoter.
- 3- The graduate as a professional.
- 4- The graduate as a scholar and scientist.
- 5- The graduate as a member of the health team and a part of the health care system.
- 6- The graduate as a lifelong learner and researcher.

Upon completion of this course students should be able to:

NARS	Rotation	ILO Type
1.1. Take and record a structured, patient centered history.	Family Medicine	C
1.2. Adopt an empathic and holistic approach to the patients and their problems.		C
1.3. Assess the mental state of the patient.		C
1.4. Perform appropriately timed full physical examination of patients appropriate to the age, gender, and clinical presentation of the patient while being culturally sensitive.		C
1.5. Prioritize issues to be addressed in a patient encounter.		A & C

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1.6. Select the appropriate investigations and interpret their results taking into consideration cost/ effectiveness factors.		A & C
1.7. Recognize and respond to the complexity, uncertainty and ambiguity inherent in medical practice.		D & C
1.8. Apply knowledge of the clinical and biomedical sciences relevant to the clinical problem at hand.		A
1.9. Retrieve, analyze, and evaluate relevant and current data from literature, using information technologies and library resources, in order to help solve a clinical problem based on evidence (EBM).		D & C
1.10. Integrate the results of history, physical and laboratory test findings into a meaningful diagnostic formulation.		A&C
1.11. Perform diagnostic and intervention procedures ² in a skillful and safe manner, adapting to unanticipated findings or changing clinical circumstances.		C
1.12. Adopt strategies and apply measures that promote patient safety.		C
1.13. Establish patient-centered management plans in partnership with the patient, his/her family and other health professionals as appropriate, using Evidence Based Medicine in management decisions.		A&C
1.14. Respect patients' rights and involve them and /or their families/careers in management decisions.		D & C
1.15. Provide the appropriate care in cases of emergency, including cardio-pulmonary resuscitation, immediate life support measures and basic first aid procedures.		A&C
1.16. Apply the appropriate pharmacological and non-pharmacological approaches to alleviate pain and provide palliative care for seriously ill people, aiming to relieve their suffering and improve their quality of life.		A&C
1.17. Contribute to the care of patients and their families at the end of life, including management of symptoms, practical issues of law and certification.		A&C
2.1 Provide care for specific groups including pregnant women, newborns and infants, adolescents and the elderly.		D & C
2.2 Adopt suitable measures for infection control.		A&C
3.1. Exhibit appropriate professional behaviors and relationships in all aspects of practice, demonstrating		D

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honesty, integrity, commitment, compassion, and respect.		
3.2. Adhere to the professional standards and laws governing the practice, and abide by the national code of ethics issued by the Egyptian Medical Syndicate.		D& C
3.3. Respect the different cultural beliefs and values in the community they serve.		C
3.4. Treat all patients equally, and avoid stigmatizing any category regardless of their social, cultural, ethnic backgrounds, or their disabilities.		D& C
3.5. Ensure confidentiality and privacy of patients' information.		D
3.7. Recognize and manage conflicts of interest.		D
3.8. Refer patients to appropriate health facility at the appropriate stage.		A,D,C
3.9. Identify and report any unprofessional and unethical behaviors or physical or mental conditions related to himself, colleagues or any other person that might jeopardize patients' safety.		D
4.1 Identify various causes (genetic, developmental, metabolic, toxic, microbiologic, autoimmune, neoplastic, degenerative, and traumatic) of illness/disease and explain the ways in which they operate on the body (pathogenesis).		A
4.2 Describe altered structure and function of the body and its major organ systems that are seen in various diseases and conditions.		A
4.3 Describe drug actions: therapeutics and pharmacokinetics; side effects and interactions, including multiple treatments, long term conditions and non-prescribed medication; and effects on the population.		A
5.1 Recognize the important role played by other health care professions in patients' management.		C& D
5.2 Respect colleagues and other health care professionals and work cooperatively with them, negotiating overlapping and shared responsibilities and engaging in shared decision-making for effective patient management.		C & D
5.3 Implement strategies to promote understanding, manage differences, and resolve conflicts in a manner that supports collaborative work.		C & D

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5.4 Apply leadership skills to enhance team functioning, the learning environment, and/or the health care delivery system.		C & D
5.5 Communicate effectively using a written health record, electronic medical record, or other digital technology.		C & D
5.6 Evaluate his/her work and that of others using constructive feedback.		D
5.7 Recognize own personal and professional limits and seek help from colleagues and supervisors when necessary.		C & D
5.8 Use health informatics to improve the quality of patient care.		D
5.9 Document clinical encounters in an accurate, complete, timely, and accessible manner, in compliance with regulatory and legal requirements.		D
5.10 Demonstrate accountability to patients, society, and the profession.		D
6.1 Regularly reflect on and assess his/her performance using various performance indicators and information sources.		D
6.2 Develop, implement, monitor, and revise a personal learning plan to enhance professional practice		D
6.3 Identify opportunities and use various resources for learning.		D
6.4 Engage in inter-professional activities and collaborative learning to continuously improve personal practice and contribute to collective improvements in practice.		A- D
6.5 Recognize practice uncertainty and knowledge gaps in clinical and other professional encounters and generate focused questions that address them.		A- D
6.6 Effectively manage learning time and resources and set priorities.		D
6.7 Summarize and present to professional and lay audiences the findings of relevant research and scholarly inquiry.		D

Professional Information

Block Aims

Overall Aims

1. This block aims to provide students with fundamental knowledge about Basics of Family Medicine and Health maintenance of the family at the primary health care level.
2. This block also aims to provide students with fundamental knowledge and clinical skills that enable him/her to detect, manage and/or refer common and important Women and Child health care related problems/Diseases in the family medicine practice.
3. By the end of the blocks, the students will be able to take informative history, perform appropriately timed physical examination of patients appropriate to the age, gender, and clinical presentation of the patient while being culturally sensitive , do some clinical procedures and interpret important investigations related to Women and Child health care related problems/Diseases in the family medicine practice.
4. By the end of the blocks, the students will be able counsel patients and their families about Health and Nutritional issues in common Women and Child health care related problems/Diseases in the family medicine practice.

Intended Learning Outcomes of the Block:

A- Knowledge and understanding

Upon completion of the course students should be able to:

A1- Apply definition, etiology, pathogenesis, clinical features, complications, principles of prevention and management in common Women and Child health care related problems/Diseases in the family medicine practice.

A2- Interpret differential diagnosis of common **Women and Child health care related problems/Diseases** presenting to doctors in primary health care setting, with emphasis on screening and early manifestations of serious diseases (e.g., **malignancy**).

A3- Correlate the risk factors, outcomes and treatment options of common clinical problems related to the field of **Women and Child health care in the family medicine practice**.

A4- Select the appropriate investigations and interpret their results taking into consideration cost/ effectiveness factors.

A5- Integrate the results of history, physical examination and laboratory test findings into a meaningful diagnostic formulation.

A6- Construct appropriate management algorithm (both diagnostic and therapeutic) for patients with common **Women and Child health care related problems/Diseases in the family medicine practice**.

C- Clinical skills

By the end of the course, students should be able to:

C1- Obtain and record informative history.

C2-Examine the patients systematically appropriate to the age, gender, and clinical presentation of the patient while being culturally sensitive.

C3- Design and /or present a structured, patient centered history and an appropriately timed full physical examination of patients.

C4- Apply measures that promote patient safety.

C5- Apply suitable measures for infection control when dealing with the patients and instruments.

C6- Conduct patient-focused care while working with health care professionals.

D- Generic and transferable skills

D1- Perform practice-based improvement activities using portfolio.

- D2- Practice effectively using a written health record, electronic medical record, or other digital technology
- D3- Display effective communication with patients, their families and community through proper verbal and written means, respecting their beliefs and level of education.
- D4- Display respect, compassion, and integrity; a responsiveness to the needs of patients and society.
- D5- Display a commitment to ethical principles including provision or withholding of clinical care, confidentiality of patient information, informed consent.
- D6- Work effectively with others as a member of team work by acting in small group.
- D7- Display adequate cooperation with his/her colleagues
- D8- Arrange the efforts required to accomplish the tasks in specified time.
- D9- Verify the use of sources of biomedical information to remain current with advances in knowledge and practice.
- D10- Share in the work efficiently in responsible manner keeping the Instruments and Equipment of the Department intact and clean.
- D11- Adhere to the basic ethical and medico-legal principles that should be applied in practice.
- D12- Describe his/her work and that of others using constructive feedback.
- D13- Present regular reflection on and assess his/her performance using various performance indicators and information sources.
- D14- Initiate a personal learning plan to enhance professional practice
- D15- Identify opportunities and use various resources for learning.
- D16- Integrate in inter-professional activities and collaborative learning to continuously improve personal practice and contribute to collective improvements in practice.
- D17- Organize learning time and resources and set priorities

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D18- Display accountability to patients, society, and the profession.

Structure of the block

Day	TOPIC	Lecture	Practical
1	Basics in Family Medicine	1 h	
2	Child Growth & development assessment	1h	
3	Breast feeding counseling at family medicine center	1h	
4	Practical session on: Child Growth & development assessment		2h
5	Clinical assessment of newborn and screening programs of neonates	1h	
6	The role of family physician in safe pregnancy (Preconception counseling- Prenatal -Post natal	1h	
7	Practical session on: Breast feeding counseling at family medicine center		2h
8	Nutritional counseling of pregnant and lactating mothers in family medicine center	1 h	
9	Health maintenance and preventive medicine	1h	
	Contraception methods used in family medicine practice and family	1h	
10	Practical session on: Preventive services in family medicine practice		2 h
Total		8	6

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<i>Day</i>	Lectures (NUMBER)	Practical (NUMBER)	Revisions and Exams	Total
1 st	1	-		1
2 nd	2	-		2
3 rd	2	-		3
4 th	-	1		2
5 th	-	1		2
6 th	1	-		2
7 th	1	-		1
8 th	1	-		1
9	-	1		2
10 th	-	-	2	2

Learning Methods

- 1- Lectures for knowledge outcomes.
- 2- Practical (Bedside/skill lab) sessions to gain clinical skills
- 3- Group discussions (Case – based) .

Methods of Student Assessment

1. Formative:

This is used to monitor student's learning to provide ongoing feedback that can be used by instructors to improve their teaching and by students to improve their learning.

It's given at least once in the form of quizzes that is made available for the students at the E-learning site at the end of the block.

Answers are presented instantly after the attempts and discussed on the students groups or in person with the teaching staff

Questions should be consistent with the level of the final exam. The student's attendance is a condition for entering the summative exams. The electronic or paper achievement file must be used to follow up on the students' evaluation, and its completion is a condition for entering the final exams

2. Summative

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It is used to evaluate student's achievements at the end of an instructional unit. The grades tell whether the student achieved the learning goal or not.

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The student's performance will be assessed according to the following:

الدور الأول First role

Assessment task	Type of assessment	Proportion of total	
		%	Marks
Midterm exam	All questions are MCQ only correct one answer,	20%	12 marks
Portfolio	Include attendance at practical sessions and	10%	6 marks
Final exam	75%MCQ only correct one answer from all curriculum, 25% Short answer questions & Modified essay questions.	40%	24 marks
Practical	Possibly videos, case-scenarios or MCQ questions only correct one answer	30%	18 marks
Total		100%	60

الدور الثاني Second role

Assessment task	Type of assessment	Proportion of total	
		%	Marks
Final exam	75%MCQ only correct one answer from all curriculum, 25% Short answer questions & Modified essay questions.	60%	36 marks
Practical	Possibly videos, case-scenarios or MCQ questions only correct one answer	40%	24 marks
Total		100%	60

Block evaluation

- Students' results
- Students' feedback

Block Contents

Lecture Topics and Their Intended Learning Outcomes

Choose one source for each topic

No.	Sub-competencies A	Lectures Titles And specified reference	Day No	Date		Contact Hours
				from	to	
1	A1,A2,A3,A4,A5,A6	Principles and concepts of Family Medicine (Text book of family medicine 9 th edition, part 1 page 1-16)	1 st			2
2	A1,A2,A3,A4,A5,A6	Child Growth & development assessment (USMLE STEP 2 CK Lecture Notes 2020 Pediatrics page27-45)	2 nd			1
3	A1,A2,A3,A4,A5,A6	Breast feeding counseling at family medicine practice (Kaplan: USMLE- STEP 2 CK: PEDIATRICS-Lecture notes 2020 (p119-125), First Aid for the pediatrics clerkship (p56-58, p63-65)/Amboss	3 rd			1
4	A1,A2,A3,A4,A5,A6	Clinical assessment of newborn and screening programs of neonates (USMLE STEP 2 CK Lecture Notes 2020 Pediatrics page27-45)	2 nd			1
5	A1,A2,A3,A4,A5,A6	The role of family physician in safe pregnancy (Preconception counseling- Prenatal -Post natal care). (Kaplan, USMLE step 2 CK, pages 126, 127) (1 st Aid for USMLE Step 2 CK, six edition) (First aid for family medicine board 3 rd edition, page 528)	3 th			1

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6	A1,A2,A3,A4,A5,A6	Nutritional counseling during pregnancy and lactation in family medicine medicine center. First aid in obstetrics and gynecology Nutrition during pregnancy and lactation pages 58-60	6 th			1
7	A1,A2,A3,A4,A5,A6	Health maintenance and preventive medicine (Kaplan USMLE STEP 2 CK: Internal Medicine Lecture Notes 2019. (page 15-51) First Aid for The Family Medicine Boards (page 8-14)	7 th			2
8	A1,A2,A3,A4,A5,A6	Contraception methods used in family medicine practice and family planning counseling. (Kaplan, USMLE STEP 2 CK Obstetrics & Gynecology (p655-673)	8 th			1
		Total				10

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Skills and tasks and Their Intended Learning Outcomes in addition to real patients and skills stated in the NARS should be learned either in practical or group discussion

No.	Sub-competencies C& D	Bedside/skill lab sessions and Titles	Days	Date*		Hours
				from	To	
1.	C1,C2,C3,C5,C6,C7 D1-D18	1. Use growth charts to monitor growth in pediatrics. 2. Assess the development of a child and how to deal (Role play/Real case/Case scenario) 3. Perform a counseling session about Proper breastfeeding practice (+videotaping/Role play/Real case/ case scenario) 4. Perform a counseling session about proper weaning program (Role play/Real case/ case scenario)	4 th			1
2	C1,C2,C3,C5,C6,C7 D1-D18	1- Perform a preconception counseling session. (Role play/Real case/ case scenario). 2- Integrate the results of history, physical and laboratory test findings into a meaningful diagnosis of high risk pregnancy. (Role play/ Real case/ case scenario) 3- Counsel a mother in an antenatal visit session for a safe pregnancy and baby (Role play /Real case/ case scenario). 4- Integrate the results of history, physical and laboratory test findings into a meaningful diagnosis of any post-partum problem (Role play/ Real case/ case scenario)	5 th			1
5		Revision				
6		Total				

Formative assessment

No.	Task	Quiz Case Based MCQs	Days	Hours
1.	- Use growth charts to monitor growth in pediatrics & Assess the development of a child and how to deal (Role play/Real case/Case scenario) - Perform a counseling session about Proper breastfeeding practice or about proper weaning program (Role play/Real case/ case scenario) - Perform a preconception counseling session. (Role play/Real case/ case scenario). - Counsel a mother in an antenatal visit session for a safe pregnancy and baby (Role play /Real case/ case scenario). -Design and /or present a structured, patient centered history and an appropriately timed full physical examination of any post-partum problem (Role play/ Real case/ case scenario)	Formative 1 Quiz to evaluate topics of the 1 st , 2 nd & 3 rd days	Day 3	2

Blueprint of the block

No.	List of Topics (lectures/cases)	ILOs Sub-competencies	Weight * From	Total marks	Midterm exam✓	Final exam %25 SAQ& MEQs= 6marks
1.	Basics in Family Medicine	A1,A2,A3,A4, A5,A6	11.11%	4 marks	3	1
2.	Child Growth & development assessment	A1,A2,A3,A4, A5,A6	16.11%	6 marks	3	3
3.	Breast feeding, counseling at family medicine center	A1,A2,A3,A4, A5,A6	11.11%	4 marks	3	1
4.	Clinical assessment of newborn and screening programs of neonates	A1,A2,A3,A4, A5,A6	11.11%	4 marks	3	1
5.	The role of family physician in safe pregnancy (Preconception counseling- Prenatal -Post natal care).	A1,A2,A3,A4, A5,A6	11.11%	4 marks		4
6.	Nutritional counseling of pregnant and lactating mother in family medicine center	A1,A2,A3,A4, A5,A6	11.11%	4 marks		4
7.	Health maintenance and preventive	A1,A2,A3,A4, A5,A6	16.11 %	6 marks		6
8.	Contraception methods used in family medicine practice and family planning	A1,A2,A3,A4, A5,A6	11.11%	4 marks		4
	Total		100%	36	12	24

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Weight*= decided according to hours, amounts of information and clinical significance

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Practical Blue Print:

	List of skills	ILOs sub-competencies Skills	Weight *	Practical الدور الأول MCQ	Practical الدور الثاني MCQ
1.	1. Use growth charts to monitor growth in pediatrics. 2. Assess the development of a child and how to deal (Role play/Real case/Case scenario)	C1,C3, D1- D18	16.66 % 16.66 %	3 3	4 4
2.	1- Perform a counseling session about Proper breastfeeding practice (+videotaping/Role play/Real case/ case scenario)	C1,C3, D1- D18	33.33	6	8
3.	1- Perform a counseling session about Proper primordial prevention intervention 2- Perform a counseling session about important vaccines during pregnancy and in special situations 3- Perform a counseling session about recommended vaccines according to EPI program in Egypt.	C1,C3, D1- D18	33.33	6	8
4.	1-Counsel the mother/woman to choose the appropriate contraception method and how to deal with contraception related problems (Role play/Real case/ case scenario) 2- Learn how to insert IUD and implanon (videotaping/Skill lab)	C2,C3, C5,C6,C7 D1-D18			
	Total			18	24

Weight*= decided according to hours, amounts of information and clinical significance

Lecture Outlines

Lecture (1) Principles and concepts of Family Medicine

**Text book of family medicine 9th edition, part 1
page 1-16, lecture notes and department book**

Specific learning Objectives ILOs:

By the end of the lecture the student will be able to:

1. Define family medicine
2. Identify the role of the primary care in the health system
3. Explain the characteristics and function of family physician

Contents:

1. Definition of family medicine
2. Definition of family physician
3. Definition of primary care
4. Characteristics and function of family physician

Lecture (2)

**Child Growth & development assessment
(USMLE STEP 2 CK Lecture Notes 2020
Pediatrics page27-45, lecture notes and
department book))**

Specific learning Objectives ILOs:

By the end of the lecture the student will be able to:

1. Demonstrate steps in evaluation of growth
2. Identify growth assessment and disorders of growth I height and weight
3. Identify Primitive reflexes and developmental milestones

Contents:

1. Basic Principles of Growth
2. Assessment of Growth
3. Primitive reflexes and developmental milestones

Lectures (3)

Breast feeding counseling at family medicine center

(Kaplan: USMLE- STEP 2 CK: PEDIATRICS-Lecture notes 2020 (p119-125), First Aid for the pediatrics clerkship (p56-58, p63-65, **lecture notes and department book**)

Specific learning Objectives ILOs:

By the end of the lecture the student will be able to:

- Apply principles of health education to the mothers about the benefits of breastfeeding for her and for the child & contraindication of breast feeding
- Describe the common problems of breastfeeding.
- Apply principles of health education to the mothers about the basic principles of weaning
- Apply explanatory model for optimal nutrition during fetal and child development and describe the concept of the nutrition in the first 1,000 days of life.

Contents:

- Benefits of breastfeeding for mother and for the child
- Contraindication of breast feeding
- Common problems of breastfeeding

Lectures (4)

Clinical assessment of newborn and screening programs of neonates

USMLE STEP 2 CK Lecture Notes 2020 Pediatrics
page27-45, **lecture notes and department book**))

Specific learning Objectives ILOs:

By the end of the lecture the student will be able to:

1. Identify items of Apgar score
2. Apply the care of newborn
3. Differentiate between normal and abnormal finding in neonatal assessment
4. Demonstrate understanding of newborn screening

Contents:

1. Newborn Care
2. Common Birth injuries
3. Physical examination: normal and abnormal findings

4. Newborn screening

- Precautions, contraindication and misconceptions of vaccination
- Vaccination in specific situations in family medicine practice (proper use of live vaccines in immune status, active immunization after disease exposure)
- Classification of vaccines & Specific vaccines (Routine vaccination)
- Vaccination program in Egypt

Lecture 5

The role of family physician in safe pregnancy (Preconception counseling- Prenatal -Post natal care).

(Kaplan, USMLE step 2 CK, pages 126, 127) (1st Aid for USMLE Step 2 CK, six edition)
(First aid for family medicine board 3rd edition, page 528, **lecture notes and department book**)

Specific learning Objectives ILOs:

By the end of this lecture the student will be able to:

- 1- Perform preconception counseling
- 2- Identify the risk assessment for the prenatal period
- 3- Enumerate the required labs in each prenatal visits
- 4- Council the mother about nutritional needs during pregnancy
- 5- Enumerate the normal changes during the post-partum period
- 6- Identify the complications of post-partum period

Contents:

- 1- Preconception counseling
- 2- Prenatal care
- 3- Post natal care

Lectures (6)

Nutritional counseling of pregnant and lactating mothers in family medicine center

First aid for the obstetrics and gynecology 58-60

Nutrition during pregnancy, **lecture notes and department book**)

Specific learning Objectives ILOs:

By the end of the lecture the student will be able to:

1. Educate pregnant and lactating mothers their nutritional requirement and specific issues.
2. Assess and manage cases of nutritional imbalances of these mothers in family medicine practice.

Contents

1. Nutritional requirements during pregnancy.
2. Nutritional requirements during lactation.

Lectures (7)

Health maintenance and preventive medicine

(Kaplan USMLE STEP 2 CK: Internal Medicine Lecture Notes 2019. (page 15-51) First Aid for The Family Medicine Boards (page 8-14), **lecture notes and department book**)

Specific learning Objectives ILOs:

By the end of the lecture the student will be able to:

1. Identify the age of screening of colon, lung, breast and cervical cancer
2. Identify the methods of screening of each one
3. Apply health education to smokers
4. Identify the screening method of osteoporosis and the age of screening
5. Enumerate the common vaccination in adults
6. Identify the age and methods of screening of hypertension, diabetes and hypercholesterolemia.
7. Identify the age and method of screening of abdominal aortic aneurysm screening

Contents

1. Cancer screening (colon, breast, cervix, and lung).
2. Health education to smokers
3. Osteoporosis screening
4. Common vaccination of adult

5. Abdominal aortic aneurysm screening
6. Hypertension, diabetes mellitus, and hypercholesterolemia screening

Lecture (8)

Contraception methods used in family medicine practice and family planning counseling.

(Kaplan USMLE STEP 2 CK: OBSTETRICS AND GYNECOLOGY (p 655-673))

Specific learning Objectives ILOs:

By the end of this lecture the student will be able to:

- 1- Enumerate the different contraception methods and their mechanism of action
- 2- Counsel the mother to choose the best contraception method

Contents:

- 1- Non hormonal contraception methods
- 2- Hormonal Contraception Methods
- 3- Intrauterine Contraception
- 4- Long-Acting Irreversible Contraception

Outlines of practical topics

Practical topic 1

Child Growth & development assessment

FIRST AID CASES USMLE STEP2CK Second Edition pediatrics page 370
& FIRST AID clinical skills USMLE STEP2CK Fifth Edition section 2 mini cases
page 136, **department practical notes**

Specific learning Objectives:

By the end of the lecture the student will be able to :

- 1- Integrate the results of history, physical examination and laboratory test findings into a meaningful diagnostic formulation.
- 2- Select the appropriate investigations.
- 3- Construct appropriate management algorithm (both diagnostic and therapeutic) for patients with hypertension
- 4- Assess child growth and development.

Practical topic 2

Breastfeeding counseling at family medicine center

(Kaplan: USMLE- STEP 2 CK: PEDIATRICS-Lecture notes 2020 (p119-125), First
Aid for the pediatrics clerkship (p56-58, p63-65) ,
department practical notes

Specific learning Objectives ILOs:

By the end of the lecture the student will be able to:

- Apply principles of health education to the mothers about the benefits of breastfeeding for her and for the child & contraindication of breast feeding
- Describe the common problems of breastfeeding.
- Apply principles of health education to the mothers about the basic principles of weaning
- Apply explanatory model for optimal nutrition during fetal and child development and describe the concept of the nutrition in the first 1,000 days of life.

Contents:

- Benefits of breastfeeding for mother and for the child
- Contraindication of breast feeding
- Common problems of breastfeeding

Practical topic 3

Preventive services at family medicine center

First aid cases for USMLE step 2, page 318, FIRST AID clinical skills USMLE
STEP2CK Fifth Edition section 2 mini cases page
133, department practical notes

Specific learning Objectives:

By the end of the lecture the student will be able to :

- 1- Determine levels of prevention
- 2- Interventions of primordial prevention.
- 3-Types of vaccines, its storage, safety and contraindications

Specific learning Objectives:

By the end of the lecture the student will be able to :

- 1- Differentiate between different levels of prevention.
- 2- Differentiate between different types of vaccine and scheduled vaccines for pregnant women and other special situations as travelers.
- 3-List the recommended vaccines in EPI program in Egypt to children from birth to 2 years.