

T.C.

ATILIM UNIVERSITY FACULTY OF MEDICINE

EDUCATION IN 2021-2022 ACADEMIC YEAR

ACADEMIC CALENDAR

Laboratory Lessons:

1. Medical Skills: Intramuscular & subcutaneous injection (1 hour)

COMMITTEE NAME	STARTING DATE	COMPLETION DATE
MED 302	16.01.2023	24.02.2023
MED 304	27.02.2023	07.04.2023
MED 306	10.04.2023	19.05.2023

COMMITTEE NAME						
	MED 301	MED 302	MED 303	MED 304	MED 305	MED 306
MEDICAL SKILLS EXAM DATE						
COMMITTEE EXAM DATE						

MED304 ADULT HEALTH

PHASE III COORDINATOR	Prof. Dr. Yekbun Adıguzel			
CHAIR OF THE MED 304 COMMITTEE	Asst. Prof. Gökşen ÖZ			
MED 304 COMMITTEE DATE RANGE	14.03.2022 - 22.04.2022			
ACADEMIC STAFF AT THE MED 304 COMMITTEE	Prof. Dr. Nergiz Ercil CAGILTAY- Software Engineering Prof. Dr. Necla TÜLEK- Medical Microbiology Prof Dr. Fikri İçli-Internal Medicine Prof Dr.Nedret Kılıç- Biochemistry Prof Dr.Gamze Yurdakan ÖZYARDIMCI- Pathology Prof. Dr. Ahmet SALTIK- Public Health Prof. Dr. Ali ACAR- Medical Microbiology Prof. Dr. Selda Dilek TEKİNER-Family Medicine Prof. Dr. Gürol CANTÜRK-Forensic Medicine Prof. Dr. Aydoğan AYDOĞDU-Internal Medicine Prof. Dr. Murat SÜMER -Neurology Prof. Dr. Fikriye Figen AYHAN-Physical Medicine and Rehabilitation Assoc. Prof. Dr. Doğa ELÇİN- Private International Law Assoc. Prof. Dr. Handan BOZTEPE- Nursing Assoc Prof. Dr. Ali Doğan Dursun- Physiology Assoc Prof. Dr. Gülsüm ATAY- Pediatrics Asst. Prof. Dr. Nagehan ACET -Physiotherapy and Rehabilitation Asst. Prof. Dr. Esin BODUROĞLU - Pathology Asst. Prof. Dr. Gülçin AKBAŞ USLU- Psychology Asst. Prof. Mehmet Derviş Güner- Orthopedics and Traumatology Asst. Prof. Dr. Gökşen ÖZ- Medical Pharmacology Asst. Prof. Dr. Badegül SARIKAYA-Physiology Asst. Prof. Dr. Canan DEMİR-Internal Medicine Asst. Prof. Dr. Emel Sakinç ÇAĞLAR-Internal Medicine Asst. Prof. Dr. Eylül SAĞUN- Nutrition and Dietetics Asst. Prof. Dr. Cemal YÜCE- Radiology Asst. Prof. Dr. Recep Ali BROHİ- Anatomy, Neurosurgery			
ACADEMIC STAFF	THEORETICAL LECTURE TIME	PRACTICAL LECTURE TIME	INTERACTIVE EDUCATION TIME	TOTAL TIME
Medical Microbiology	21	-	2(2 hours for CBL)	23

Internal Medicine	6	-	-	6
Medical Pharmacology	10	-	3(3 hours for Panel)	13
Medical Pathology	3	-	-	3
Public Health	15	-	-	15
Neurology	2	-	-	2
Physiotherapy and Rehabilitation	2	-	-	2
Physical Medicine and Rehabilitation	2	-	-	2
Physiology	2	-	-	2
Nursing	-	1	-	1
Nutrition and Dietetics	1	-	-	1
Family Medicine	1	-	-	1
Pediatrics	2	-	-	2
Forensic Medicine	4	-	-	4
Law	2	-	-	2
Engineering	1	-	-	1
Psychology	1	-	-	1
Radiology	1	-	-	1
Orthopedics and Traumatology	2	-	-	2
Neurosurgery	2	-	-	2
TOTAL	80	1	5	86

Advisor Visit	-
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CONTENT OF THE MED 304 COMMITTEE
<p>Adult &Public Health, Definitions: Physiology of aging, Nutrition in adults, Drug use in elderly, Exercise in the adults, Climate migration, Migration: Definitions and Economic aspects of migration, Follow up in different stages of life and periodic health examination, Vector borne diseases, Physiology of memory, Malnutrition, Physiotherapy-Musculoskeletal health-Postural alignment, Single gene Mendelian disease: adulthood, Dietary supplements and herbal medication, "One Health" concept, Vulnerable social groups, Cognitive and functional changes in elderly , Alzheimer, demantia, Administration of Drugs- Intramuscular & Subcutaneous, Prevention & Control of Non-Communicable Diseases, Biochemical Changes in the Elderly, Obesity and metabolic syndromes, Pathology of Obesity, Obesity Problem in Adult, Preventive oncology-Cancer screening programs, War, Migration and public health, Rational prescribing, Legal responsibilities of physician, Management of Work Related and Occupational Diseases, Emerging and re-emerging diseases, Systematic approach to enviromental health, Radiation and health, Immunization and Prophylaxis for Health Care Workers, Medical waste management, Zoonotic Diseases -1: Brucellosis, Zoonotic Diseases -2: Anthrax, tigmatization, discrimination, Zoonotic Diseases -3: Lyme disease and Tularemia, Zoonotic Diseases -4: Leptospira, Q fever, Ehrlichia and anaplasmosis, Zoonotic Diseases -5: Leptospira, Q fever, Ehrlichia and anaplasmosis, Degenerative osteoarthritis and complications, Drugs for inflammation and joint disease, Forensic Medicine reports, Vaccination in elderly, Epidemology and control of zoonotic disease, Vaccine storage/handling, Adolescent Health, Notification systems, Management of Outbreaks, Epidemics and Pandemics, Discussing serious news; Bereavement and grief in adults, Technology and health interaction, Vaccination in risk groups, Travel Associated Infections, Animal bite infections: Pasteurella multocida, bartonella, Traumatic Brain Injury, Severe Cruh Injury in Adults, Intramuscular & subcutaneous injection.</p>
MED 304 COMMITTEE AIM

This Adult and Old Age Years committee aims to address health and basic disorders in these age groups and to enable students to acquire intramuscular and subcutaneous injection skills.

MED 304 COMMITTEE LEARNING OBJECTIVES

- 1) List the most common zoonotic diseases.
- 2) Describe the groups most vulnerable to disease transmission.
- 3) Identify the causes of the most common zoonotic diseases.
- 4) Defines the One Health concept
- 5) Discuss the One Health concept and importance
- 6) Define the most common causes of brucellosis
- 7) Describe the common means of transmission and explain the pathogenesis

- 8) Describe the major manifestations. Since this disease is called undulant fever determine what the fever is like (high/low), the periodicity of the fever (daily, every other week), and how long the fever lasts.
- 9) Differentiate from other diseases have similar presentations
- 10) Define the diagnostic tests and interpretation of serological test.
- 11) Describe how you treat and prevent this infection.
- 12) Discuss key barriers to accessing health services and infectious diseases screening for recent migrants.
- 13) Identify infectious diseases for which recent migrants are at increased risk.
- 14) Discuss the strengths and limitations of one-stop infectious disease screening for migrants
- 15) Define the most common cause of tularemia (shape and gram stain?)
- 16) Describe the common means of transmission
- 17) Describe the major manifestations of tularemia.
- 18) Describe how you diagnose, treat and prevent tularemia.
- 19) Define the agents of pestis.
- 20) Describe the common means of transmission Describe the major manifestations of this infection.
- 21) Describe how you diagnose, treat and prevent this infection. Discuss the impact of disease in history.
- 22) Describe the major manifestations of Lyme disease
- 23) Describe microbiology, transmission, pathogenesis, clinical findings, diagnosis, and treatment of Lyme Diseases
- 24) Discuss the prevention and control of Lyme disease
- 25) Describe the principal risks to the health of international travelers.
- 26) Appreciate the geographic distribution of tropical infectious disease.
- 27) Understand the fundamentals of the pre-travel health consultation.
- 28) Provide basic pre-travel health advice regarding food and water precautions, insect bite avoidance, animal bite management, and personal safety to intending travelers.
- 29) Recognize the leading causes of illness in the returned traveler
- 30) Discuss the effect of climate change on disease vectors and distribution
- 31) Analyze morbidity and mortality of the most prevalent vector-borne diseases, their temporal and spatial distribution and what populations are affected.
- 32) Give an example of a disease that has emerged due to human activities, and state what those human activities were (e.g., AIDS, Ebola virus, bird flu, Lyme disease, Zika etc.).
- 33) Explain how public health policies (e.g., quarantine and vaccination) can alter epidemic/pandemic progression.
- 34) Recognize the infectious risks for health care workers
- 35) Explain the screening programs
- 36) Explain the importance of vaccination for the purpose of inducing immunity. in the control of infectious diseases.
- 37) List the vaccines recommended to health care workers.
- 38) Understanding the reasons, and value of each vaccine.
- 39) Describes the post exposure prophylaxis
- 40) Defines the medical wastes, home waste, chemical waste.
- 41) Describe the items used for medical waste.
- 42) Describe the collection and disposal of medical waste.
- 43) Explain cold chain management.
- 44) Describe the components of routine and emergency procedures for vaccine storage and handling.
- 45) Describe proper vaccine storage and temperature monitoring equipment.
- 46) Describe correct vaccine and diluent storage, handling, and disposal of routinely recommended vaccine.
- 47) Identify actions that should be taken if vaccines have not been stored properly.
- 48) Describe: Which disease, disorders, which way, Use the system.
- 49) Describe notification of communicable diseases.
- 50) Use the system evaluate the effectiveness of the reporting system and its related feedback mechanisms on a regular basis and make improvements
- 51) Describe cognitive decline due to aging and differentiate dementia
- 52) Explain important epidemiological features, basic pathophysiology mechanisms, main signs, findings and laboratory features of dementia and Alzheimer's disease and make differential diagnosis
- 53) Developing an awareness on social groups within the population

- 54) Recognizing major vulnerable / fragile social groups within the community
- 55) During supplying health care, acting in sensitization for such groups and individuals
- 56) Understanding specialized health care needs of socially vulnerable groups and individuals
- 57) Serving on equity & equality basis accounting handicaps of communal fragile groups
- 58) Understanding occupational labor health conditions
- 59) Understanding occupational labor safety conditions
- 60) Recognizing occupational safety and health risk factors
- 61) Constructing a responsibility for prevention of the labor from Occupational risks
- 62) Understanding the relationship between war condition and individual – societal health
- 63) Understanding the relationship between being migrant and individual – societal health
- 64) Recognizing major health problems arising from war media and carrying a migrant status
- 65) Developing responsibility for prevention of health & serving medical care for these handicapped groups
- 66) Recognizing addiction status within individuals and making diagnosis
- 67) Evaluating the burden of addictive behavior both on individual and family
- 68) Developing responsibility and skills for managing these problems at personal and communal level
- 69) Giving counselling to the related persons and families
- 70) Cooperating with the local and national institutions that established for managing this problem
- 71) Giving definition of chronic disease and disease burden
- 72) Conceptualization of major indicators for disease burden: DALY and QALY
- 73) Realizing the multi-dimensional load of chronic diseases both individual and communal scale
- 74) Feeling responsibility for serving preventive care targeting mitigation of disease burden arising from chronic diseases
- 75) Developing Professional capability for making early diagnosis of chronic disease
- 76) Taking part in prognostic surveillance within secondary and tertiary care units
- 77) Giving definition of zoonotic disease and describing disease of burden
- 78) Introducing basic epidemiological tools for fighting against zoonotic disease
- 79) Having essential knowledge on epidemiological distribution of important zoonosis within practicing region
- 80) Realizing the mutual relationships between zoonosis and human diseases
- 81) Evaluating essential environmental sanitation measures for the prevention from zoonotic diseases
- 82) Taking part within veterinary public health units in the responsibility area for fighting against zoonosis
- 83) Who is health care worker legally?
- 84) Reviewing Turkish Act #6331 within the framework of lecture topic
- 85) Gaining essential legal normative information related to Health & rights of health care workers
- 86) Becoming a defender and advocate for promising the rights of health care workers
- 87) Examining basic ILO Conventions in connection with the rights of health care workers
- 88) What is disability legally and medically and related terminology (impairment, handicapped.) ?
- 89) Understanding loss of labor due to disability on legal and medical basis
- 90) Reviewing national regulations and ILO Conventions on the issue
- 91) Becoming a defender and advocate for labor rights with Professional responsibility
- 92) Constructing professional medical responsibilities in order to control disability induced loss of labor
- 93) Gaining required terminology and concepts within this field
- 94) Understanding the pathogenetic mechanisms among environmental conditions and the ill health
- 95) Reviewing basic environmental threats both national and worldwide scale
- 96) Developing skills of systematic approach for tackling environmental health problematic area
- 97) Gaining required terminology and concepts in order to conceive radiation induced health hazards
- 98) Recognizing potential sources of hazardous effects of radiation in medical applications
- 99) Developing a proper judging for utilization of radiological tools for diagnostic & therapeutic purposes
- 100) Reasoning stochastic and non-stochastic hazardous effects of ionizing radiation particularly on DNA
- 101) Gaining required terminology and concepts within this field
- 102) Understanding the serious disease burden of Outbreaks, Epidemics and Pandemics
- 103) Reviewing the essential epidemiological tools for fighting against Outbreaks, Epidemics and Pandemics
- 104) Developing suitable approaches for controlling Outbreaks, Epidemics and Pandemics both national and international level
- 105) Describes musculoskeletal system injuries and degenerative conditions and know their complications.
- 106) - Describes the general treatment principles of musculoskeletal injuries and degenerative conditions.
- 107) - Describes the functions of all the elements of the spine
- 108) Describes posture analysis, determines postural disorders seen in all populations.
- 109) Describes different types of postures and how to identify them.
- 110) Understanding how computer Technologies were evolved
- 111) Understanding the current Technologies and their implementations in healthcare
- 112) Understanding the future of the technology and health interaction
- 113) Risky and life-threatening conditions in the neonatal period.
- 114) Risky and life-threatening situations in childhood.
- 115) Risky situations in adolescence.
- 116) Screenings that should be done during pregnancy.

- 117) 5- Screenings and routine health examinations for male and female gender from the age of 40 and until the end of life
- 118) At the end of this course, student describes climate change, climate migration, displacement, environmental mobility, forced migration, vulnerability, internal migration, international migration, refoulement, regular/irregular migration. Solves problems by fundamental principles of international migration law. Discusses contemporary problems of international migration law. Designs international migration law order benefits from fundamental principles of international migration law and comparative law.
- 119) Defines aging. Explains age-related changes in the physiological systems.
- 120) Define single gene Mendelian diseases in adulthood
- 121) Explains the developmental mechanisms of single-gene Mendelian inherited diseases in adulthood with their genetic basis.
- 122) Describes the effects of single-gene Mendelian inherited diseases in adulthood on different systems (cardiovascular system and musculoskeletal system).
- 123) Define the microbiological features of Bacillus anthracis bacteria.
- 124) Explain the diseases caused by Bacillus anthracis and make differential diagnosis.
- 125) Define the microbiological features of Pasteurella multocida, bartonella type bacteria.
- 126) Explain the diseases caused by Pasteurella multocida, bartonella type bacteria and make differential diagnosis.
- 127) Define the indications, immunization programs and vaccines for immunization of adults and elderly in risk group.
- 128) Plan and advise on immunizations of adults and elderly at risk.
- 129) To understand pharmacologic changes associated with aging
- 130) Define major drug groups mostly used in geriatric patients
- 131) Define the adverse drug reactions in the elderly
- 132) Discussing the practical aspects of geriatric pharmacology
- 133) Understand the concept of Rational Drug Use
- 134) Explain the elements of Prescription
- 135) Discuss the prescription errors and poor prescription writing
- 136) Find drug information from the updated and reliable internet sources
- 137) Find the summary of product characteristics (spc) of medicines in international websites and "*kısa ürün bilgisi*" in Turkish websites
- 138) Write a rational prescription
- 139) Defining basic ethical principles in medical research
- 140) Avoiding breaching of ethical and legal norms in medical research
- 141) Introducing international ethical regulations on medical research
- 142) Internalization of ethical – legal basic principles for biomedical research
- 143) Describing the mutual relationships between health and culture
- 144) Understanding the contribution of Anthropology on medical sciences
- 145) Bridging Cultural issues and the medical anthropology discipline
- 146) Realizing the ways in order to solve some cultural health problems by means of medical anthropology
- 147)
- 148) Defining and classifying accidents as of major categories
- 149) Conceiving the relative share of accidents in general, among integrity of health problems
- 150) Becoming an active partner for constructing a safer daily and Professional life in terms of accidents
- 151) Describing required precautions as an advocator both for general society and individuals
- 152) Developing safety skills for a systematic approach for preventing from accidents as a whole
- 153) The aim of this course is present the legal aspects of climate migration and migration definitions also economic aspects of migration. In this sense it is aimed to present related multilateral international conventions on migration.
- 154) To explain the physio-pathological features of single-gene Mendelian disorders that occur in adulthood and to pay attention to common genetically transmitted diseases in terms of public health.
- 155) To be able to describe the microbiological features of Bacillus anthracis bacteria
- 156) To be able to explain the diseases caused by C bacillus anthracis and make differential diagnosis.
- 157) To be able to describe the microbiological features of Pasteurella multocida, bartonella type bacteria
- 158) To be able to explain and differential diagnosis of diseases caused by Pasteurella multocida, bartonella type bacteria.
- 159) To be able to define indications, immunization programs and vaccines for immunization of adults and elderly in risk group.
- 160) To be able to plan and advise the immunization of adults and the elderly in the risk group
- 161) To Understand Special Aspects of Geriatric Pharmacology
- 162) To Explain Rational Prescribing & Prescription Writing
- 163) Define single-gene Mendelian diseases in adulthood
- 164) Explains the developmental mechanisms of single-gene Mendelian inherited diseases in adulthood with their genetic basis.
- 165) Describes the effects of single-gene Mendelian inherited diseases in adulthood on different systems (cardiovascular system and musculoskeletal system).
- 166) Defines screening and periodic health examination
- 167) Defines newborn screening methods
- 168) Defines screening programs in Turkey
- 169) Explains the importance of screening programs
- 170) Defines adult periodic health examinations

- 171) Defines the screenings methods of old people
- 172) Contrast the regulations applied to botanicals and nutritional supplements with those applied to therapeutic drugs with regard to efficacy and safety.
- 173) List several of the most widely used botanical products, and describe their purported medical uses, adverse effects, and potential for drug interactions.
- 174) Describe the proposed medical uses and adverse effects of several purified nutritional supplements
- 175) Define the term 'traumatic brain injury
- 176) Describe the basic anatomy of the skull and brain
- 177) Describe mechanisms of injury and skull fractures associated with head trauma
- 178) Compare and contrast focal and diffuse brain injuries
- 179) Discuss the assessment and diagnosis of traumatic brain injury
- 180) Discuss complications associated with increased intracranial pressure
- 181) Recognise how trauma impacts upon the structures of the brain
- 182) Discuss the pathophysiology and management of Crush Syndrome

RECOMMENDED BOOKS

1. Cognitive Changes with Aging, Review, M.S. Baghel et al. Proc. Natl. Acad. Sci., India, Sect. B Biol. Sci. DOI 10.1007/s40011-017-0906-4
2. Understanding Alzheimer's Disease and Other Dementias, Dr. Nori Graham, Dr. James Warner. Published by Family Doctor Publications Limited in association with the British Medical Association
<https://readingagency.org.uk/adults/FDP%20Alzheimers%20Disease%20ist%20x%20chapter.pdf>
3. Vulnerable Populations in the Context of Public Health Emergency Preparedness Planning and Response
<https://oxfordmedicine.com/view/10.1093/med/9780190270742.001.0001/med-9780190270742-chapter-4>
4. Creating a Culture of Prevention in Occupational Safety and Health Practice
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4909854/>
5. Family and social aspects of substance use disorders and treatment
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4158844/>
6. Epidemiology of Zoonotic Diseases in the United States: A Comprehensive Review
https://www.researchgate.net/publication/313270944_Epidemiology_of_Zoonotic_Diseases_in_the_United_States_A_Comprehensive_Review
7. Patient Responsibilities, Health Care Workers Rights (for a Change)
8. RISKS TO HEALTH CARE WORKERS IN DEVELOPING COUNTRIES Turkish Act #6331 : Occupational Health & Safety Act (Official Gazette : 30.06.2012 No : 28339
9. Health Effects of Radiation / CDC. Health effects of radiation and other health problems in the aftermath of nuclear accidents, with an emphasis on Fukushima / The LANCET
10. ILO Encyclopedia, 2015. The Nature and Effects of Noise <https://www.iloencyclopaedia.org/part-vi-16255/noise>
11. Managing epidemics, Key facts about major deadly diseases, by WHO
<https://www.who.int/publications/i/item/managing-epidemics-key-facts-about-major-deadly-diseases>
12. Mandell, Douglas, and Bennett's Principles and Practice of Infectious Diseases, 9th Edition, Bennett, JE, Dolin R, Blaser MJ. Elsevier, 2019
13. O'Regan, G., & O'Regan. (2008). A brief history of computing (pp. I-XIX). London: Springer.
14. Driscoll, K. (2012). From Punched Cards to "Big Data": A Social History of Database Populism. *communication+ 1*, 1(1), 1-33.
15. Andreu-Perez, J., Poon, C. C., Merrifield, R. D., Wong, S. T., & Yang, G. Z. (2015). Big data for health. *IEEE journal of biomedical and health informatics*, 19(4), 1193-1208.
16. Thomason, J. (2021). MetaHealth-How will the Metaverse Change Health Care?. *Journal of Metaverse*, 1(1), 13-16.
17. Panch, T., Szolovits, P., & Atun, R. (2018). Artificial intelligence, machine learning and health systems. *Journal of global health*, 8(2).
18. Udhan, S., & Patil, B. (2021). A systematic review of Machine learning techniques for Heart disease prediction. *International Journal of Next-Generation Computing*, 12(2).
19. Verma, N., Singh, S., & Prasad, D. (2021). A Review on existing IoT Architecture and Communication Protocols used in Healthcare Monitoring System. *Journal of The Institution of Engineers (India): Series B*, 1-13.
20. Screening programmes: a short guide. Increase effectiveness, maximize benefits and minimize harm. Copenhagen: WHO Regional Office for Europe; 2020. Licence: CC BY-NC-SA 3.0 IGO
21. Screening. Textbook of Family Medicine Eighth ed Rakesh R, Rakesh DP eds. Elsevier Saunders Philadelphia p:74.
22. Robbins Basic Pathology Tenth Ed., 2018 by Elsevier Inc Vinay Kumar, MBBS, MD, FRCPath., Abul K. Abbas, MBBS, Jon C. Aster, MD, PhD Understanding Pathophysiology First Canadian Ed. 2018 by Elsevier Inc. Sue Huether; Kelly PowerKean; Mohamed ElHusseini
23. Pathophysiology of Diseases: An introduction in clinical medicine 8 ed. 2019 by McGraw-Hill Education; Lange Inc. Gary D. Hammer, MD, PhD Stephen J. McPhee, MD
24. Pathophysiology: The biologic basis for diseases in adults and children 8th ed. 2019 by Elsevier Inc. Kathryn L. McCance, MS, PhD Sue E. Huether, MS, PhD Valentina L. Brashers, Neal S. Rote, PhD
25. Rapid Review Pathology, Fifth Edition 2019 by Elsevier, Inc. Edward F. Goljan, MD

26. Katzung, B.G., Vanderah T, W., Basic & Clinical Pharmacology, 15th Ed., 2021, McGrawHill Lange, New York
27. Katzung, B.G., Vanderah T, W., Basic & Clinical Pharmacology, 14th Ed., 2018, McGrawHill Lange, New York
28. Whalen K., Lippincott Illustrated Reviews Pharmacology, 7th Ed., 2019, Wolters Kluwer, Philadelphia
29. Culture and Health Applying Medical Anthropology, by Michael Winkelmann, 2009
30. Masic, I., Hodzic, A., & Mulic, S. (2014). *Ethics in medical research and publication*. International journal of preventive medicine, 5(9), 1073–1082.
31. https://hsgm.saglik.gov.tr/depo/birimler/Toplum_Sagligi_Hizmetleri_ve_Egitim_Db/Dokumanlar/rehberler/psm_2019.pdf
32. Blake GJ, Wolff T, Chirchlow R Preventive Health Care in Textbook of Family Medicine eds: Rakel R, Rakel D Eighth ed; Elsevier Saunders Philadelphia 2011.
33. <https://www.cdc.gov/newbornscreening/>
34. https://www.cdc.gov/cancer/cervical/basic_info/screening.htm
35. Jekel's Epidemiology, Biostatistics, Preventive Medicine, and Public Health Fifth Edition Elmore, Joann G., MD, MPH; Wild, Dorothea M.G., MD, MPH; Nelson, Heidi D., MD, MPH, MACP, FRCP; Katz, David L., MD, MPH 2020 by Elsevier
36. Aron DC, Headrick LA. *Educating physicians prepared to improve care and safety is no accident: it requires a systematic approach*. Qual Saf Health Care. 2002 Jun;11(2):168-73. doi: 10.1136/qhc.11.2.168. PMID: 12448811; PMCID: PMC1743611.
37. Youmans Neurological Surgery
38. https://www.uptodate.com/contents/severe-crush-injury-in-adults?search=crush%20syndrome&source=search_result&selectedTitle=1~150&usage_type=default&display_rank=1

MED 304 COMMITTEE EXAM WEEK

DATE	EXAM NAME	EXAM HOUR		
Teaching Methods and Techniques	<input checked="" type="checkbox"/> Lecture	<input type="checkbox"/> Case based learning	<input checked="" type="checkbox"/> Case discussion	<input checked="" type="checkbox"/> Student presentation
	<input type="checkbox"/> Role playing	<input type="checkbox"/> Problem based learning	<input type="checkbox"/> Project	<input type="checkbox"/> Homework
	<input checked="" type="checkbox"/> Laboratory practice	<input type="checkbox"/> Team based learning	<input checked="" type="checkbox"/> Self Learning	<input type="checkbox"/> Student Panel
Evaluation Method	Theoretical Exam (85%), Panel (10 %), Clinical Skill (5%) (MAY CHANGE due to the decision of Council of High Education- YÖK)			
Lesson Language	English			