

دبیرخانه شورای آموزش پزشکی عمومی

منابع آزمون انتقال به داخل رشته پزشکی و دندانپزشکی (مربوط به امتحان ۷۲ واحدی، پس از ۲۰۱۹) از مرداد ۱۴۰۵

منابع معرفی شده		نام درس
Clinical Anatomy by Region. R.S. Snell, 11th Edition, 2024 *برای رشته دندانپزشکی، فقط بخش آناتومی سر و گردن منبع امتحان می باشد.		آناتومی*
Junqueira's basic histology. Anthony L. Mescher. McGraw-Hill Education. 17th edition, 2024		بافت شناسی
Langman's medical Embryology. T.W. Sadler. Lippincott Williams & Wilkins. 15th Edition, 2022		جنین شناسی
Text book of medical physiology. A. Guyton & E. Hall, W.B. Sanders. 14th Edition, 2020 به استثنای فصل های: ۳، ۱۳، ۲۲، ۲۳، ۳۲، ۳۵، ۳۶، ۴۳، ۴۴، ۴۵، ۶۷، ۶۸، ۶۹، ۷۰، ۷۲، ۷۳، ۷۴، ۸۳، ۸۴، ۸۵		فیزیولوژی
Harper's Illustrated Biochemistry. Victor W. Rodwell, et al. Mc Graw-Hill Education 32nd Edition, 2023 شامل فصول منتخب در جدول زیر:		بیوشیمی
Chapter	Subject	
2	Water and pH	
3	Amino Acids and Peptides	
5	Proteins: Higher Order of Structure	
6	Proteins: Myoglobin and Hemoglobin	
7	Enzymes: Mechanism of Action	
8	Enzymes: Kinetics	
9	Enzymes: Regulation of Activities	
10	Biochemical Roles of Transition metals	
13	The Respiratory Chain and Oxidative Phosphorylation	
14	Overview of Metabolism & the Provision of Metabolic Fuels	
15	Carbohydrates of Physiologic Significance	
16	Citric Acid Cycle: The Central Pathway of Carbohydrate, Lipid and Amino Acid	
17	Glycolysis and the Oxidation of Pyruvate	
18	Metabolism of Glycogen	
19	Gluconeogenesis & the Control of Blood Glucose	
20	The Pentose Phosphate Pathway & Other Pathways of Hexose Metabolism	
21	Lipids of Physiologic Significance	
22	Oxidation of Fatty Acids: Ketogenesis	
23	Biosynthesis of Fatty Acids & Eicosanoids	
25	Lipid Transport & Storage	
27	Biosynthesis of the Nutritionally Nonessential Amino Acids	
28	Catabolism of Proteins & of Amino Acid Nitrogen	
29	Catabolism of the Carbon Skeletons of Amino Acids	
30	Conversion of Amino Acids to Specialized Products	
31	Porphyryns & Bile Pigments	
32	Nucleotides	
33	Metabolism of Purine & Pyrimidine Nucleotides	
34	Nucleic Acid Structure & Function	
35	DNA Organization, Replication, & Repair	
40	Membranes: Structure & Function	
41	The Diversity of the Endocrine System	
42	Hormone Action & Signal Transduction	
44	Micronutrients: Vitamins & Minerals	

نام درس	منابع معرفی شده																															
	*** توجه: از ابتدای مرداد ۱۴۰۶، منبع زیر جایگزین Harper’s Illustrated Biochemistry میشود: Lippincott Illustrated Reviews Biochemistry, Emine E. Abali. 9th edition, 2025, LWW Wolters Kluwer شامل بخش ها / فصول منتخب زیر: Unit I: Protein structure and function Unit II: Bioenergetics and Carbohydrate metabolism Unit III: Lipid Metabolism Unit IV: Nitrogen Metabolism Unit V: Integration of Metabolism Unit VI: Medical Nutrition Chapter 3: DNA Structure, Replication, and Repair																															
	Medical microbiology. Murray et al. Elsevier, 9th Edition, 2020 <table><tr><th>مباحث انتخابی در جدول زیر:</th></tr><tr><td>Introduction to Medical Microbiology</td></tr><tr><td>Commensal and Pathogenic Microbial Flora in human</td></tr><tr><td>Sterilization, Disinfection, and Antisepsis</td></tr><tr><td>Microscopy and in Vitro Culture</td></tr><tr><td>Bacterial Classification, Structure, and Replication</td></tr><tr><td>Bacterial Metabolism and Genetics</td></tr><tr><td>Mechanisms of Bacterial Pathogenesis</td></tr><tr><td>Role of Bacteria in Disease</td></tr><tr><td>Laboratory Diagnosis of Bacterial Diseases</td></tr><tr><td>Antibacterial Agents</td></tr><tr><td><i>Staphylococcus</i> Gram-Positive Cocci and Related</td></tr><tr><td><i>Streptococcus</i></td></tr><tr><td><i>Enterococcus</i> Gram-Positive Cocci and Other</td></tr><tr><td><i>Bacillus</i></td></tr><tr><td><i>Listeria</i> and <i>Erysipelothrix</i></td></tr><tr><td><i>Corynebacterium</i> Gram-Positive Rods and Other</td></tr><tr><td><i>Nocardia</i> and Related Bacteria</td></tr><tr><td><i>Mycobacterium</i></td></tr><tr><td><i>Neisseria</i> and Related Genera</td></tr><tr><td>Enterobacteriaceae</td></tr><tr><td><i>Vibrio</i> and <i>Aeromonas</i></td></tr><tr><td><i>Campylobacter</i> and <i>Helicobacter</i></td></tr><tr><td><i>Pseudomonas</i> and Related Bacteria</td></tr><tr><td><i>Haemophilus</i> and Related Bacteria</td></tr><tr><td><i>Bordetella</i></td></tr><tr><td><i>Francisella</i> and <i>Brucella</i></td></tr><tr><td><i>Legionella</i></td></tr><tr><td>Miscellaneous Gram-Negative Rods</td></tr><tr><td><i>Clostridium</i></td></tr><tr><td>Anaerobic, Non – Spore-Forming, Gram-Positive Bacteria</td></tr><tr><td>Anaerobic Gram-Negative Bacteria</td></tr></table>	مباحث انتخابی در جدول زیر:	Introduction to Medical Microbiology	Commensal and Pathogenic Microbial Flora in human	Sterilization, Disinfection, and Antisepsis	Microscopy and in Vitro Culture	Bacterial Classification, Structure, and Replication	Bacterial Metabolism and Genetics	Mechanisms of Bacterial Pathogenesis	Role of Bacteria in Disease	Laboratory Diagnosis of Bacterial Diseases	Antibacterial Agents	<i>Staphylococcus</i> Gram-Positive Cocci and Related	<i>Streptococcus</i>	<i>Enterococcus</i> Gram-Positive Cocci and Other	<i>Bacillus</i>	<i>Listeria</i> and <i>Erysipelothrix</i>	<i>Corynebacterium</i> Gram-Positive Rods and Other	<i>Nocardia</i> and Related Bacteria	<i>Mycobacterium</i>	<i>Neisseria</i> and Related Genera	Enterobacteriaceae	<i>Vibrio</i> and <i>Aeromonas</i>	<i>Campylobacter</i> and <i>Helicobacter</i>	<i>Pseudomonas</i> and Related Bacteria	<i>Haemophilus</i> and Related Bacteria	<i>Bordetella</i>	<i>Francisella</i> and <i>Brucella</i>	<i>Legionella</i>	Miscellaneous Gram-Negative Rods	<i>Clostridium</i>	Anaerobic, Non – Spore-Forming, Gram-Positive Bacteria
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	<i>Treponema, Borrelia, and Leptospira</i> <i>Mycoplasma and Ureaplasma - Rickettsia and Orientia</i> <i>Ehrlichia - Anaplasma, and Coxiella - Chlamydia and Chlamydophila</i>																				
آسیب شناسی	Robbins and Kumar Basic Pathology. 11th Edition. Elsevier Inc. 2023																				
فیزیک پزشکی	فیزیک پزشکی برای دانشجویان پزشکی و دندانپزشکی. دکتر محمدعلی عقابیان و همکاران. ویرایش پنجم، ۱۴۰۳																				
ایمنی شناسی پزشکی	Basic Immunology: Functions and Disorders of the Immune System. Abul K. Abbas and A. H. Lichman. Elsevier, 7th Edition, 2023 شامل فصول منتخب زیر: <table border="1"> <thead> <tr> <th>Subjects</th><th>Chapter</th></tr> </thead> <tbody> <tr> <td>Introduction to the Immune System: Nomenclature, General Properties, and Components</td><td>1</td></tr> <tr> <td>Unlabeled image-Innate Immunity: The Early Defense Against Infections</td><td>2</td></tr> <tr> <td>Antigen Presentation to T Lymphocytes and the Functions of Major Histocompatibility Complex</td><td>3</td></tr> <tr> <td>Antigen Recognition in the Adaptive Immune System: Structure of Lymphocyte Antigen Receptors and Development of Immune Repertoires</td><td>4</td></tr> <tr> <td>T Cell-Mediated Immunity: Activation of T Lymphocytes</td><td>5</td></tr> <tr> <td>Effector Mechanisms of T Cell-Mediated Immunity: Functions of T Cells in Host Defense</td><td>6</td></tr> <tr> <td>Humoral Immune Responses: Activation of B Lymphocytes and Production of Antibodies</td><td>7</td></tr> <tr> <td>Effector Mechanisms of Humoral Immunity: Elimination of Extracellular Microbes and Toxins</td><td>8</td></tr> <tr> <td>Immunologic Tolerance and Autoimmunity: Self-Nonself Discrimination in the Immune System and Its Failure</td><td>9</td></tr> </tbody> </table>	Subjects	Chapter	Introduction to the Immune System: Nomenclature, General Properties, and Components	1	Unlabeled image-Innate Immunity: The Early Defense Against Infections	2	Antigen Presentation to T Lymphocytes and the Functions of Major Histocompatibility Complex	3	Antigen Recognition in the Adaptive Immune System: Structure of Lymphocyte Antigen Receptors and Development of Immune Repertoires	4	T Cell-Mediated Immunity: Activation of T Lymphocytes	5	Effector Mechanisms of T Cell-Mediated Immunity: Functions of T Cells in Host Defense	6	Humoral Immune Responses: Activation of B Lymphocytes and Production of Antibodies	7	Effector Mechanisms of Humoral Immunity: Elimination of Extracellular Microbes and Toxins	8	Immunologic Tolerance and Autoimmunity: Self-Nonself Discrimination in the Immune System and Its Failure	9
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ژنتیک پزشکی	Emery's Elements of Medical Genetics and Genomics 16th Ed, Elsevier, 2021																				
زبان انگلیسی	1) English for the students of medicine (ESM 2) دکتر تحریریان 2) English for the students of medicine (ESM 3) دکتر تحریریان 3) Medical English (English in Medicine), Vaughan James 4) Mosby's' Medical, Nursing & Allied Health Dictionary. Medical Terminology ۵- هرمتن ، مقاله ویا کتاب انگلیسی پزشکی دیگری که در سطح منابع فوق باشد.																				

***توجه: از ابتدای مرداد ۱۴۰۶، برای درس زبان، منابع زیر جایگزین خواهد شد:

کتاب	نویسنده / نویسندگان	انتشارات	ویرایش
English in Medicine	Eric H. Glendinning	Cambridge	3 rd
Professional English in use	Eric H. Glendinning Ron Howard		
Medical terminology: An illustrated guide	Barbara Cohen Shirley Jones		9 th
Medicine 1 – Medicine 2	Sam Mc Carter	Oxford	