

University of Jordan  
 Department of Physiology And Biochemistry  
 Cardiovascular Physiology  
**Medical Students**  
 FALL 2022-2023

Textbook: Textbook of Medical Physiology  
 By: Arthur C. Guyton & John E. Hall 13<sup>th</sup> Edition 2016

<u>Lecture Topics</u>	<u>Guyton 13<sup>th</sup></u>	<u>Guyton 14<sup>th</sup></u>
1. Introduction	61-70,109-112	63-72, 113-117
2. Cardiac mm. Physiology	109-112	113-117
3. Conduction System of the heart	123-129	127-133
4. Electrocardiography	131-137	135-141
5. Electrocardiography-	139-147	143-150
6. Electrocardiography-	147-165	150-168
7. Heart as a pump and cardiac cycle	113-122	117-126
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9. Heart as a pump and cardiac cycle -		
10. Cardiac output and venous return	245-258	245-258
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13. Circulation / systemic/ Haemodynamics	169-188	171-192
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16. Arterial System/Regulation of arterial blood pressure	215-225	217-228
17. Arterial System/ Regulation of ABP-	227-243	2290244
18. Arterial System/ Regulation of ABP-		
19. Blood flow / Tissues and is control	203-213	205-216
20. Special circulations (coronary Muscle blood flow and exercise	259-269	2590269

**Optional Readings:**

1. Physiology , latest edition , by : Berne and Levy last edition
2. Physiological Basis of Medical Practice, twelfth edition , by : John B. West 1990.
3. Human physiology from cells to systems, latest edition, by: Lauralee Sherwood. Last edition

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