

University of Jordan, School of Medicine
Department of Physiology and Biochemistry
Neurophysiology (*Medical*) spring 2022

Textbook: Textbook of Medical Physiology

By : Arthur C. Guyton and John E. Hall, 13th ed. 2016

<u>Lect. No.</u>	<u>Topic</u>	<u>13th Ed</u>
1.	Introduction, CNS organization	577-580
2.	Somatic sensations - tactile and Position	607-619
3.	Somatic sensations - pain, thermal	621-632
4.	Somatic sensations - pain, thermal	
5.	Vision	635-670
6.	Vision	
7.	Vision	
8.	Hearing	673-783
9.	Hearing	
10.	Chemical senses, taste and smell	685-692
11.	Motor System: Spinal cord	695-706
12.	Spinal cord	
13.	Brain Stem	707-719
14.	Basal ganglia	730-736
15.	Cerebellum	721-730
16.	Cerebellum	
17.	Motor cortex	737-749
18.	Cerebral cortex: Intellectual Functions	
19.	Cerebral cortex: Intellectual Functions	
20.	Reticular activating System and sleep	751-755 763-772

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Optional Reading:

1. Physiology, by: Robert Berne & Matthew Levy, last edition
2. Human physiology, by: Lauralee Sherwood, 9th edition.