

InterActive Physiology® Exercise Sheets

Below is a table display showing you the eight modules and topics covered in the IP Exercise Sheets, which begin on the next page.

Module	Exercise Topic
The Muscular System	Neuromuscular Junction
	Sliding Filament Theory
	Contraction of Whole Muscle
The Nervous System	Ion Channels
	Membrane Potential
	The Action Potential
The Nervous System II	Ion Channels
	Synaptic Transmission
	Synaptic Potentials and Cellular Integration
The Cardiovascular System: The Heart	Intrinsic Conduction System and Cardiac Action Potential
	Cardiac Cycle
	Cardiac Output
The Cardiovascular System: Blood Vessels	Factors that Affect Blood Pressure
	Blood Pressure Regulation
	Autoregulation and Capillary Dynamics
The Respiratory System	Pulmonary Ventilation
	Gas Exchange
	Control of Respiration
The Urinary System	Glomerular Filtration
	Early Filtrate Processing
	Late Filtrate Processing
Fluid, Electrolyte, and Acid-Base Balance	Introduction to Body Fluids
	Water Homeostasis
	Acid-Base Homeostasis
The Endocrine System	Endocrine System Review
	Biochemistry, Secretion and Transport of Hormones
	The Actions of Hormones on Target Cells
	The Hypothalamic-Pituitary Axis
	Response to Stress