

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
The Digestive System	Anatomy Review
Control of the Digestive System	Motility
Secretion	Digestion and Absorption