

# A.D.A.M./Benjamin Cummings Interactive Physiology -Instructor's Edition, 9 System Suite

*Nine interactive modules all on one CD-ROM: Cardiovascular, Muscular, Respiratory, Nervous, Urinary, Fluids & Electrolytes, Nervous II, Endocrine, and Digestive System.*

## Product Features

Anatomy Review	Animations
Self-Quizzes	On-Screen Glossaries
Textbook Correlations	Learning Goals
Virtual Professor	

## Grade Level

**High School • College • University • Professional**

## Detailed Product Information

Interactive Physiology includes 9 interactive modules all on one CD-ROM:

### CARDIOVASCULAR SYSTEM

Heart Physiology - Anatomy Review of the Heart  
 Intrinsic Conduction System  
 Cardiac Action Potential  
 Cardiac Cycle  
 Cardiac Output  
 Anatomy Review of Blood Vessel Structure and Function  
 Measuring Blood Pressure  
 Factors that Affect Blood Pressure  
 Blood Pressure Regulation  
 Autoregulation and Capillary Dynamics

### MUSCULAR SYSTEM

Anatomy Review: Skeletal Muscle Tissue  
 The Neuromuscular Junction  
 Sliding Filament Theory  
 Muscle Metabolism  
 Contraction of Motor Units  
 Contraction of Whole Muscle

### RESPIRATORY SYSTEM

Anatomy Review: Respiratory Structures  
 Pulmonary Ventilation  
 Gas Exchange  
 Gas Transport  
 Control of Respiration

### NERVOUS SYSTEM I

The Neuron: The Action Potential  
 Orientation  
 Anatomy Review  
 Action Potential  
 Voltage Gated Ion Channels  
 Membrane Potential

### URINARY SYSTEM

Anatomy Review  
 Glomerular Filtration  
 Early Filtrate Processing  
 Late Filtrate Processing

### FLUIDS & ELECTROLYTES

Introduction to Body Fluids  
 Water Homeostasis  
 Electrolyte Homeostasis  
 Acid/Base Homeostasis

## Tangent Scientific

P.O. Box 705, Lewiston, NY 14092 • phone 1-800-363-2908 • fax 1-877-704-1555  
 web [www.tangentscientific.com](http://www.tangentscientific.com) • [lisa\\_tangent@cogeco.net](mailto:lisa_tangent@cogeco.net)

**NERVOUS SYSTEM II**

The Neuron: Synaptic Potentials and Neurotransmitters  
Anatomy Review: Synapses  
Chemically Gated Ion Channels  
Synaptic Transmission  
Synaptic Potentials and Cellular Integration

**NEW! ENDOCRINE SYSTEM**

Endocrine System Review  
Biochemistry, Secretion, and Transport of Hormones  
Actions of Hormones on Target Cells  
The Hypothalamic-Pituitary Axis  
Response to Stress

*System Requirements:***Windows**

266 mHz Intel Pentium processor, 64 MB RAM installed  
Windows 98, NT4, 2000, or XP  
800 x 600 screen resolution  
Browser: Internet Explorer 5.0 or higher or Netscape 4.7x, or 7.x  
Plug-ins: Shockwave Player 8, Flash Player 6, QuickTime 4  
4x CD-ROM drive  
Internet connection with 56K modem or better (for website)

**NEW! DIGESTIVE SYSTEM**

Anatomy Review  
Control of Digestion  
Motility  
Secretion  
Digestion and Absorption

**Macintosh**

233 mHz PowerPC, 32 MB RAM available  
OS 8.6 or higher  
800 x 600 screen resolution, thousands of colors  
Browser: Internet Explorer 5.0 or higher (for online use only) or  
Netscape 4.7x, or 7.x (for CD-ROM use)  
Plug-ins: Shockwave Player 8, Flash Player 6, QuickTime 4  
4x CD-ROM drive  
Internet connection with 56K modem or better (for website)

*List Price:*

Interactive Physiology, 9 System Suite, Hybrid CD, Single User  
Item: 99710301      Price: \$625.00

Interactive Physiology, 9 System Suite, Hybrid CD, 5 User  
Item: 99710305      Price: \$2725.00

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