



**Laser Professor of Clear Lake, Inc.**

**230 Biology & Medical Multimedia Courseware Titles for Education**

**Volume 10, Number 1**



## **“Bringing Technology to Education”**

**Welcome** to Laser Professor's Educational Software Catalog. Your source for the most comprehensive collection of specialized software for the educational and medical community. Since its founding in 1989, *Laser Professor* has been committed to serving the educational needs of its corporate and training clients. Our team consists of highly qualified advisors who have extensive experience in education, technology development, marketing of interactive technologies, finance and accounting. Members of management have a combined experience of over sixty-three years in developing and marketing multimedia technology. Because of our experience we can offer clients consulting services, develop custom software solutions, or supply the latest software titles off the shelf at reasonable prices. Our knowledge and experience can help ease the transition to the high-tech environment for corporate and educational institutions.

*Laser Professor* has been the original resellers nationwide for A.D.A.M. software since its arrival on the market. Our Medical Education Sales division has expanded to include the latest available interactive and CD-ROM titles in the educational market. Our staff works closely with Medical Schools, Senior and Junior Colleges, and Medical Technology programs to provide the resources students need to learn and we are actively involved in the development of software.

*Laser Professor* collaborates with educators to identify available software and hardware specifically suited to the client's unique environment. Custom development includes Web based education.

*Laser Professor* has extensive experience in establishing multimedia training centers utilizing stand alone systems or broad band networks. These learning centers include business training, OSHA standards, computer skill, memory improvement, academic programs and site specific safety programs.

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We look forward to serving your needs.

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## A.D.A.M. Interactive Anatomy & 3D Library Volume 1 & 2

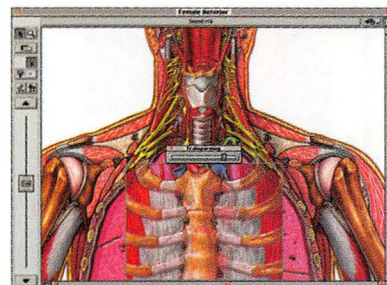
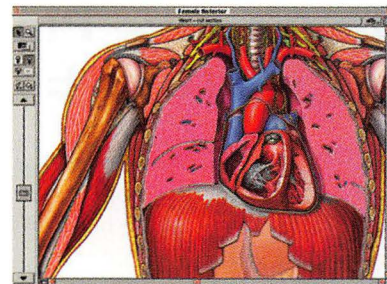
*A.D.A.M. Interactive Anatomy & 3D Library Volume 1 & 2* is an exciting interactive learning and teaching CD-ROM that dramatically enhances the study of human anatomy and related topics. A powerful application that provides layer-by-layer dissection of the human anatomy, point-and-click identification of over 20,000 anatomical structures, a full suite of search, indexing, and cross-referencing capabilities. Over 400 new supplemental "pinned images" illustrations and cadaver pro-section photographs are included to greater enhance your experience. Not only do you get the highest quality illustrations in the business, but now get photographs from actual human dissection, complete with pinned structures, to compare and learn. 3D models allow the viewer to visualize hundreds of specific structures down to the smallest details. In addition to standard rotation, *A.D.A.M.*'s 3D models provide for exploded views, transparency effects and fly-through sequences.

*A.D.A.M. "Slide Show"* - An easy-to-use authoring and annotation tool that supports development of interactive lessons and courseware using *A.D.A.M.* imagery, while retaining the full interactive capabilities of *Interactive Anatomy*. Lessons can be easily and quickly distributed via diskette, local network, or the Internet. *Slide Show* provides the solution to add new, specific "pedagogy" to the graphically rich *A.D.A.M. Anatomy Database*.

Specify Macintosh or Windows

Single \$495 #ADA001 Lab Pack (6) \$1,995 #ADA002

Note: Student products on page 26



### AIA - Dissection Manual CD-ROM (John Mikus PH.D.)

A complete guide that directs students through a dissection of each area of the human body and emphasizes those structures needed in an anatomy course, utilizing AIA. Available on CD-ROM or download from the web.

\$20 #ADA003

### AIA - Dissection Manual (Sanner & Greer)

A layer by layer approach to dissection, using exercises pre-test in the authors classrooms and laboratories. (424 pages)

\$28 #ADA004

### AIA - The Practical User's Guide (William C. Kleinelp, Jr.)

Easy to use. A quick introduction to AIA and the preparation of slide shows. (51 pages)

Paperback \$7 #ADA005

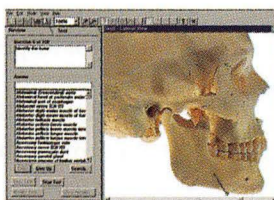
## A.D.A.M. Anatomy Practice

Students can review thousands of pinned structures within hundreds of anatomical images. Compare up to four images simultaneously including illustrations, radiographs and cadaver photographs. Attach notes to important images and structures for quick study and review. Images and associated notes can be printed for review. A testing mode contains more than 14,000 possible identification questions and over 700 possible objective questions.

Mac/Win Hybrid CD-Rom

Single \$99 #ADA006 Lab Pack (6) \$449 #ADA007

Note: Student products on page 26



## A.D.A.M. Practice Practical

*A.D.A.M. Practice Practical* combines 15,000 questions with over 500 detailed *A.D.A.M.* illustrations, cadaver photographs and radiographs. Simulate gross anatomy practical exams complete with "pinned" atlas images and time limits, just like in the lab. Customize tests by region, system, or your specific course syllabus. It's a must for every anatomy student.

Mac/Win Hybrid CD-Rom

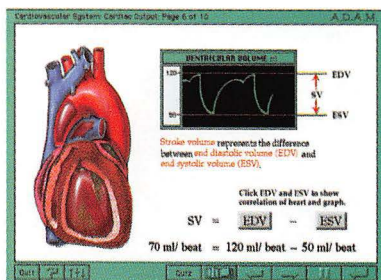
Single \$99 #ADA008 Lab Pack (6) \$449 #ADA009

Note: Student products on page 26



## Interactive Physiology Instructor's Edition Bundle

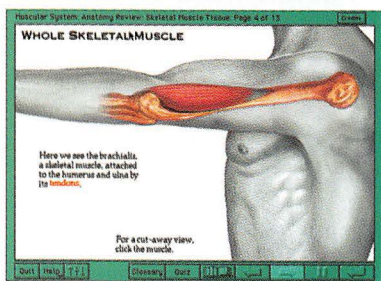
With the *Interactive Physiology Instructor's Edition* you get everything you'll need to convey physiological concepts and practices to your students right at your fingertips. Included with the seven Interactive Physiology CD's, you'll get Anatomy Practice, and a Teachers Guide. Perfect for lecture or lab, this bundle is filled with detailed animation, video, sound and engaging quizzes and games that will help you bring physiology to life.



The *Interactive Physiology Instructor's Edition* contains the following:

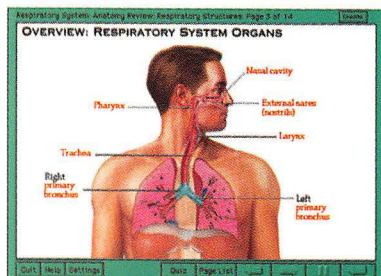
### CARDIOVASCULAR SYSTEM

- 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



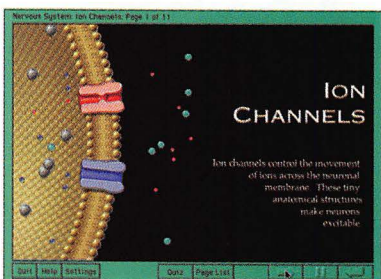
### MUSCULAR SYSTEM

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



### RESPIRATORY SYSTEM

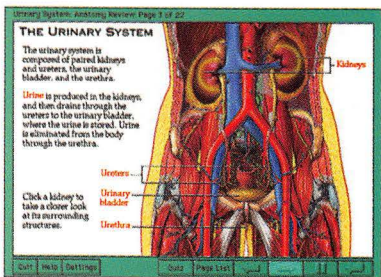
- Anatomy Review: Respiratory Structures
- Pulmonary Ventilation
- Gas Exchange
- Gas Transport
- Control of Respiration



### NERVOUS SYSTEM I

#### The Neuron: The Action Potential

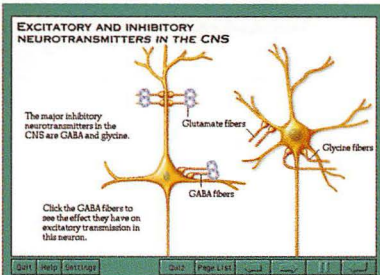
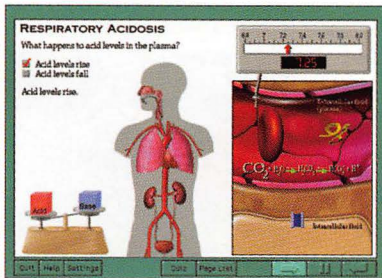
- Orientation
- Anatomy Review
- Action Potential
- Voltage Gated Ion Channels
- Membrane Potential



### 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

## NERVOUS SYSTEM II

### The Neuron: Synaptic Potentials and Neurotransmitters

- Anatomy Review: Synapses
- Chemically Gated Ion Channels
- Synaptic Transmission
- Synaptic Potentials and Cellular Integration

## A.D.A.M. Anatomy Practice

Students can review thousands of pinned structures within hundreds of anatomical images. Compare up to four images simultaneously including illustrations, radiographs and cadaver photographs. Attach notes to important images and structures for quick study and review. Images and associated notes can be printed for review. A testing mode contains more than 14,000 possible identification questions and over 700 possible objective questions.

*A.D.A.M. Anatomy Practice* features:

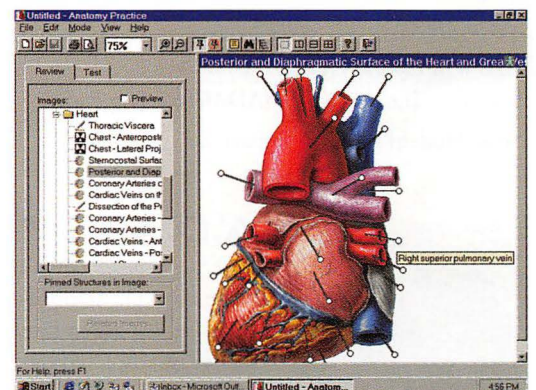
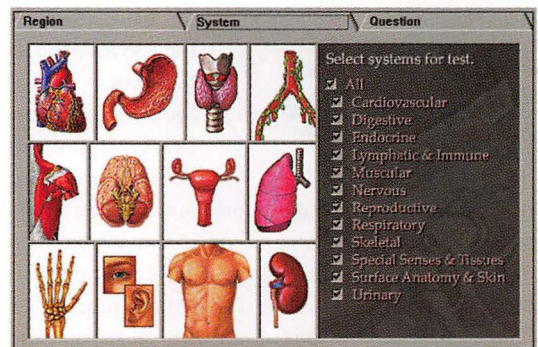
- Review thousands of pinned structures in nearly 500 images
- Navigate easily to view structures in related images
- Print lessons that are available as Microsoft Word documents and Adobe Acrobat PDF files
- Customize tests to focus on specific regions and systems
- Focus testing by using the Search feature to narrow answer options
- Sample Anatomy Practice by requesting a demonstration disk

Mac/Win Hybrid CD-ROM

This package includes Interactive Physiology (7 modules), Anatomy Practice and an Instructor's Guide. Single **\$495 #ADA010** Lab Pack (6) **\$1,995 #ADA011**

Interactive Physiology Modules may be purchased individually  
Single **\$99 #ADA012** Lab Pack (6) **\$449 #ADA013**

**Note:** Student products on page 26



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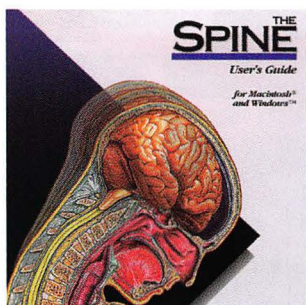
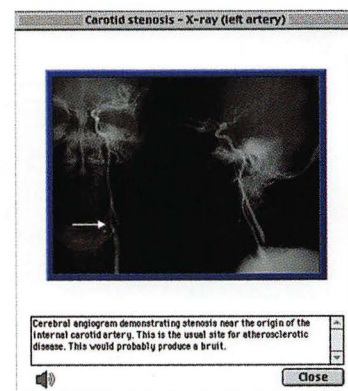


## A.D.A.M. Iliad

*Iliad* is a medical expert software CD-ROM program which covers more than 930 diseases and 1500 syndromes and provides treatment protocols for each including the ICD-9 codes for each diagnosis. There are 13,900 disease manifestations covering topics in Internal Medicine, Sports Medicine, Pediatrics, Dermatology, Psychiatry, OB/GYN, Peripheral Vascular Diseases and Sleep Disorders. *Iliad* acts as an expert consultant that provides a differential diagnosis, or acts as a second opinion, to critique a presumptive diagnosis. The program can even assist in selecting the most appropriate and cost-effective data at any stage in the patient work up. The program also comes loaded with "90 simulated patient cases" that can be used to test specific diagnostic problem solving skills. Four modes: Consulting, Critiquing, Simulations, and Reference. *Iliad* can also be used as a medical textbook reference source. The Reference mode allows the user to browse the diagnostic profiles of over 1200 pathology images.

Specify Macintosh or Windows

Single \$295 #ADA014 Lab Pack (6) \$995 #ADA015



## A.D.A.M.'s Spine

*The Ultimate In Spine Support:*

**Spinal Anatomy** - Contains 9 animation on spinal anatomy from its basic structure to its most detailed mechanics. It begins with the basic bony anatomy and follows with separate detailed demonstrations of the cervical, thoracic, lumbar; and sacral vertebrae. Two additional animation illustrate the structure and function of the soft tissue of the spine and intervertebral discs as well as spinal cord anatomy.

**Spinal Injury** - Includes 13 animation on various spinal injuries. Injury concepts include: hyperflexion, hyperextension, compression, and spinal cord syndromes. Syndromes demonstrated include: subluxation, unilateral and bilateral dislocation with facet lock, wedge fracture, and burst fracture. A separate anima-

tion demonstrates the common causes and physical results of intervertebral disc degeneration.

**Spinal Surgery** - Contains 12 animation covering the major surgical procedures for the injured spine. Procedures include: anterior cervical dissection; lumbar dissection with interbody fusion, foraminotomy; facetectomy; decompression laminectomy; laminotomy and the hip bone autograft harvest. Also included is a surgical hardware and fusion overview demonstrating cervical wire fixation, Harrington rod fixation, Luque rod fixation, Cotrel-DuBosset rod fixation and Steffe plate and pedicle screw fixation.

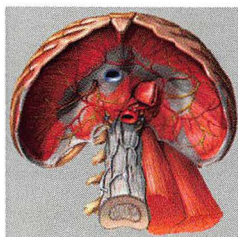
**Spine Bundle** CD-ROM allows you to create your own PowerPoint documents, export images or animations.

+VHS Tape-60 minute tape

Mac/Win Hybrid CD-ROM

The Spine Bundle \$149 #ADA016 Lab Pack (6) \$675 #ADA015

Note: Student product on page 26



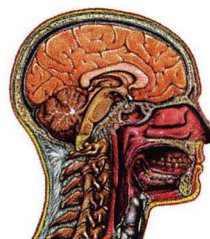
## A.D.A.M. Media

*A.D.A.M. Media* contains over 400 anatomical illustrations and 65 animation clips for use in presentations and on web pages displayed on an internet. All images are in a JPEG format while movies are in QuickTime format, making them compatible with the most

popular presentation packages such as: PowerPoint, Adobe Photoshop and *A.D.A.M. Interactive Anatomy*.

Mac/Win Hybrid CD-ROM

Single \$89 #ADA018 Lab Pack (6) \$395 #ADA019



## A.D.A.M. MediaPro

*A.D.A.M. MediaPro* contains over 2,000 anatomical clinical illustrations for you to use in presentations and on web pages displayed on the Internet. These images are organized into 4 collections: Normal, Trauma, Pathological and

Surgical. The individual collections are then further organized into regional subsets for easier access and identification. All of the images are in a JPEG format, making them compatible with the most popular presentation packages available, such as: PowerPoint and Adobe PhotoShop.

*Please Note: A.D.A.M. MediaPro is restricted to authorized educational institutions.*

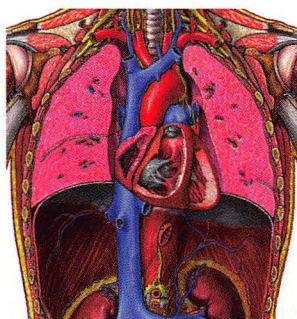
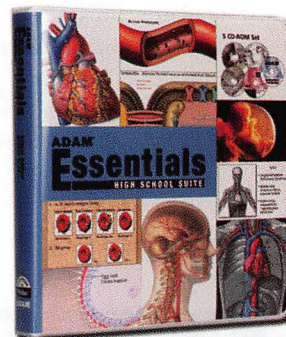
Mac/Win Hybrid CD-ROM

Single \$195 #ADA020 Lab Pack (6) \$749 #ADA021



## A.D.A.M. Essentials High School Suite

The *Essentials High School Suite* provides the ideal interactive anatomy and physiology multimedia software tools for human anatomy and AP biology courses in grades 9-12. The latest award-winning CD-ROM packages (*A.D.A.M.'s The Inside Story*, *Life's Greatest Mysteries*, *9 Month Miracle* and *The Cardiovascular Module from the A.D.A.M./Benjamin-Cummings Interactive Physiology series*) are combined with an intuitive Teacher's Guide to create a visually rich and comprehensive high school level curriculum.



### THE INTERACTIVE PHYSIOLOGY CARDIOVASCULAR MODULE

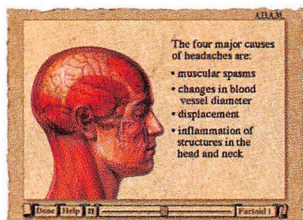
Dynamically presented topics relating to heart and blood vessel physiology to help master difficult concepts. Detailed animation brings complex physiological systems to life. Topics covered in this system include:

#### Anatomy Review: The Heart

- Cardiac action potential
- Cardiac output
- Intrinsic conduction system
- Cardiac cycle

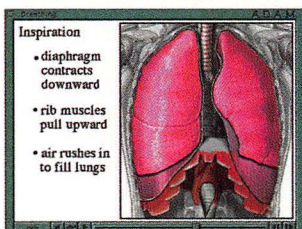
#### Anatomy Review: Blood Vessel Structure and Function

- Factors that affect the blood pressure
- Blood pressure regulation
- Measuring blood pressure
- Autoregulation and capillary dynamics



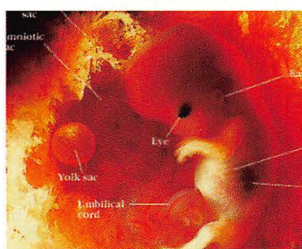
### A.D.A.M. THE INSIDE STORY

*A.D.A.M. The Inside Story '97 School Edition* is a multimedia introduction to the secrets of the human body. Explore the body layer-by-layer, then join modern day Adam and Eve as the body's miracles come alive with entertaining animation, video, and sound in their Family Scrapbook. The combination of *A.D.A.M.'s* high-quality imagery and compelling "inside the body" approach to learning make this title an invaluable tool for introductory study of the human body. Makes a great compliment to any Anatomy and Physiology Health Physical Education Human Biology or Health Career Class.



### LIFE'S GREATEST MYSTERIES

Ever wonder why you can remember some things, yet forget others? What causes gray hair? Headaches? Or cancer? *Life's Greatest Mysteries* uses amazing animation, fascinating factoids, interactive games, and *A.D.A.M.* Software's award-winning medical illustrations to give you and your family answers to dozens of life's most intriguing questions.



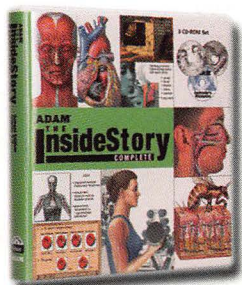
### NINE MONTH MIRACLE

*Nine Month Miracle - School Edition*, is a Winner of Newsweek Magazine's prestigious "Editor's Choice" award. A fascinating multimedia journey into the miracle of pregnancy and childbirth, focusing on fetal development.

*A.D.A.M.'s Essential Suite* includes a Teacher's Guide covering the four CD-ROM's above.

Specify Macintosh or Windows

Single \$149 #ADA022 Lab Pack (5) \$449 #ADA023



### A.D.A.M. The Inside Story Complete

*A.D.A.M. The Inside Story Complete* provides the ideal interactive anatomy and multimedia software tools for Life Sciences. *A.D.A.M. The Inside Story*, and *Life's Greatest Mysteries*, are combined with an intuitive Teacher's Guide CD to create a visually rich and comprehensive curriculum, covering the two CD-ROM's above.

Specify Macintosh or Windows

Single \$79 #ADA024 Lab Pack (5) \$249 #ADA025



*Cyber Ed* delivers the power of interactive multimedia in your science curriculum, with a series of CD-ROMs that meet high educational standards. Programs that present complete, accurate and up-to-date biological concepts and theories in an interesting and motivational manner. Dedicated to updating their programs with the latest in scientific thought. Abstract concepts and hard to visualize processes become clear with computer animation that incorporate full color 3D models, photographs, electron-micrographs, and two-dimensional renderings.

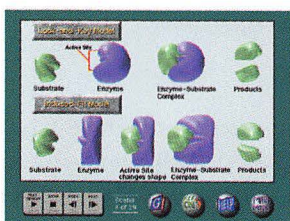
The CD-ROM will compliment most textbooks at the secondary and introductory college levels.

## Titles



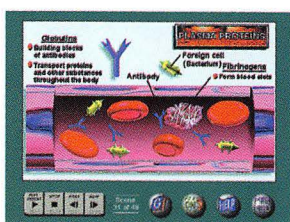
### INTRODUCTION TO BIOLOGY SERIES

- |         |   |       |
|---------|---|-------|
| #CYB001 | Biology: The Study of Life                | \$79  |
| #CYB002 | NEW - Exploring Biology: Careers & Issues | \$139 |
| #CYB003 | Intro Series (less 5%)                    | \$208 |
- Mac/Win Hybrid CD-ROM



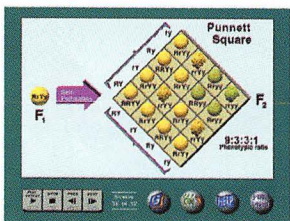
### THE ENERGY & CHEMISTRY OF LIFE

- |         |  |       |
|---------|--|-------|
| #CYB004 | Cellular Respiration                         | \$139 |
| #CYB005 | Photosynthesis                               | \$139 |
| #CYB006 | Enzymes                                      | \$129 |
| #CYB007 | Biochemistry: The Chemistry of Life          | \$139 |
| #CYB008 | Energy & Chemistry of Life Series (less 10%) | \$494 |
- Mac/Win Hybrid CD-ROM



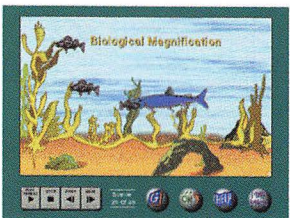
### CELL STRUCTURE & SPECIALIZATION

- |         |   |       |
|---------|---|-------|
| #CYB009 | UPGRADE - Inside the Cell                         | \$119 |
| #CYB010 | The Plasma Membrane & Cellular Transport          | \$99  |
| #CYB011 | Mitosis   | \$129 |
| #CYB012 | Meiosis   | \$139 |
| #CYB013 | Blood & Immunity                                  | \$139 |
| #CYB014 | Cell Structure & Specialization Series (less 10%) | \$566 |
- Mac/Win Hybrid CD-ROM



### GENETICS & EVOLUTION

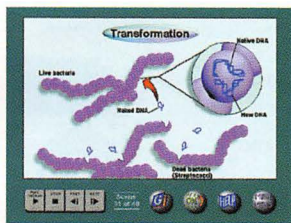
- |         |  |       |
|---------|--|-------|
| #CYB015 | Mendel's Principles of Heredity              | \$129 |
| #CYB016 | DNA: The Molecule of Life                    | \$109 |
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| #CYB020 | Evolution                                    | \$139 |
| #CYB021 | Total Genetics & Evolution Series (less 10%) | \$701 |
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### ECOLOGY SERIES

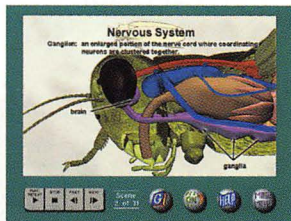
- |         |  |       |
|---------|--|-------|
| #CYB022 | The Biosphere                          | \$99  |
| #CYB023 | Food Chains & Webs                     | \$89  |
| #CYB024 | Population Ecology                     | \$99  |
| #CYB025 | NEW - Human Impacts on the Environment | \$109 |
| #CYB026 | Ecology Series (less 5%)               | \$379 |
- Mac/Win Hybrid CD-ROM





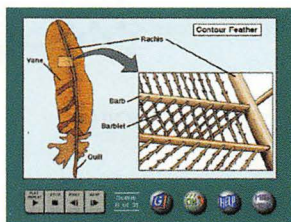
## FROM VIRUSES TO PLANTS SERIES

#CYB027	Viruses & Bacteria	\$129
#CYB028	Protista	\$99
#CYB029	Fungi	\$129
#CYB030	The Leaf	\$99
#CYB031	Roots & Stems	\$99
#CYB032	From Viruses to Plants Series (less 10%)	\$503
Mac/Win Hybrid CD-ROM		



## THE ANIMAL KINGDOM SERIES

#CYB033	NEW - Sponges	\$99
#CYB034	NEW - Cnidarians	\$99
#CYB035	NEW - Mollusks	\$119
#CYB036	NEW - Arthropods	\$129
#CYB037	NEW - The Vertebrates	\$119
#CYB038	Birds: Characteristics & Adaptations	\$89
#CYB039	Total Animal Kingdom Series (less 10%)	\$620
Mac/Win Hybrid CD-ROM		



## COMPLETE 32 TITLE SERIES

#CYB040	Complete 32 (less 20%)	\$3,062
Mac/Win Hybrid CD-ROM		

## 1999 NEW TITLE SERIES

Including the Following Titles:

Arthropods, Cnidarians, Exploring Biology: Careers & Issues, Genetic Engineering, Human Impacts on the Environment, Mollusks, Sponges, and The Vertebrates.

#CYB041	1999 New Titles Series (less 5%)	\$841
Mac/Win Hybrid CD-ROM		

## DissectionWorks Series

Developed by teachers for teachers, these programs combine the detailed study of dissection with computer technology to bring you an effective means of sharing the intricacies of anatomy. Ideal for standard biology or life science classes, as well as special education / remedial courses.

#CYB042	Frog	\$59
#CYB043	Fetal Pig	\$59
#CYB044	Crayfish	\$59
#CYB045	Earthworm	\$59
#CYB046	Perch	\$59
#CYB047	DissectionWorks Deluxe	\$199
Mac/Win Hybrid CD-ROM		

## Interactive Biology Micro Test Bank

Is a powerful, easy to use test generation package that simplifies the time consuming task of maintaining question banks and creating tests. Teachers can now create their own custom printed and computer scored on-screen tests using over 1700 categorized questions correlated to the Interactive Biology Series. Select test question once and the program will create both printed and on-screen tests using one test bank.

Specify Macintosh or Windows  
Single \$199 Network \$649 Questions Disk Only \$104  
#CYB048

For a more detailed description of CyberEds' products, visit our web site: **laserprofessor.com** or give us a call at: **1-800-550-0335**

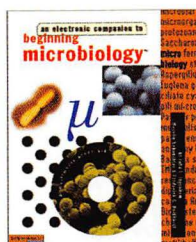


## Biological Sciences

### Beginning Microbiology

Covers topics students must master including: microbial disease and pathogenesis, and ecology. Students explore the human biota, including its structure and function, disease and infection; through a fully illustrated and narrated interactive illustration.

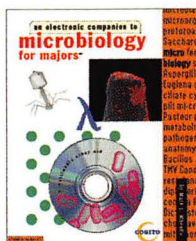
Mac/Windows Hybrid CD-ROM  
Single \$149 #COG001 Lab Pack (5) \$559 #COG002



### Microbiology for Majors

Covers topics students must master: cell structure, growth and reproduction, microbial genetics, classification.

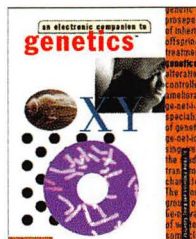
Mac/Windows Hybrid CD-ROM  
Single \$149 #COG003  
Lab Pack (5) \$559 #COG004



### Genetics

Clarifies the difficult concepts required in the syllabus of every undergraduate-level genetics course.

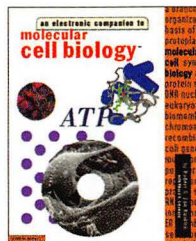
Mac/Windows Hybrid CD-ROM  
Single \$149 #COG005  
Lab Pack (5) \$559 #COG006



### Molecular Cell Biology

An interactive review of the concepts cell biology students must learn including: cellular chemistry, cytoskeleton and cell movement, cell cycle and DNA repair, gene expressions.

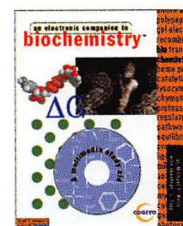
Mac/Windows Hybrid CD-ROM  
Single \$149 #COG007 Lab Pack (5) \$559 #COG008



## Biochemistry

Covers topics biochemistry students must master including: protein structure and functions, carbohydrates, nucleic acids and lipids.

Mac/Windows Hybrid CD-ROM  
Single \$149 #COG009 Lab Pack (5) \$559 #COG010



## Biostatistics

Covers topics students must master using realistic applied examples of populations, samples and qualitative data. Filled with dynamic animation, video clips and interactive exercises.

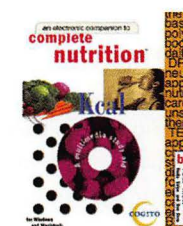
Mac/Windows Hybrid CD-ROM  
Single \$149 #COG011 Lab Pack (5) \$559 #COG012



## Complete Nutrition

Review and self-testing for college-level nutrition students covering: metabolism, carbohydrates, lipids, proteins and life-cycle nutrition. Filled with dynamic and engaging animation, video clips and interactive exercises.

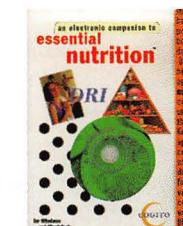
Mac/Windows Hybrid CD-ROM  
Single \$149 #COG013 Lab Pack (5) \$559 #COG014



## Essential Nutrition

Engaging review and self-testing that will help students comprehend: diet planning, digestion and absorption, energy and weight control, nutrition assessment, food handling and safety.

Mac/Windows Hybrid CD-ROM  
Single \$149 #COG015 Lab Pack (5) \$559 #COG016



NEW!  
Call for details

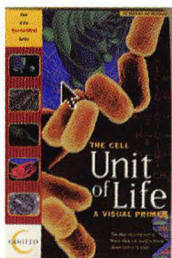
## General Chemistry

Support lectures covering topics in the leading chemistry textbooks including Electronic Structure of Atoms, Thermodynamics, and Nuclear Chemistry. Offering self-testing questions and answers, with hints, feedback and scoring.

Mac/Windows Hybrid CD-ROM  
Single \$149 #COG017 Lab Pack (5) \$559 #COG018



## Eye-to-Mind CD-ROMS

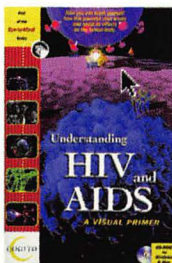


### Unit of Life: The Cell

Entertainment-quality graphics in thoroughly educational learning reference for science buffs of all levels. Includes a magnifier of microscopic structures, audio glossary, and 2 screen savers taken from the CD-ROM.

Mac/Windows Hybrid CD-ROM

Single \$149 #COG019 Lab Pack (5) \$559 #COG020



### Understanding HIV and AIDS

Narrated 3-D animation, interactive graphics, and video clips detailing the HIV lifecycle. An excellent learning tool for health care professionals and for students studying this virus. Includes an on-screen transcript, audio glossary, and 2 screen savers taken from the CD-ROM.

Mac/Windows Hybrid CD-ROM

Single \$149 #COG021 Lab Pack (5) \$559 #COG022

## Six Experimental Organisms

Developed for use in biology, genetics, and developmental biology classes, in university and professional libraries, and in biotechnology and pharmaceutical companies. This clear, well-organized CD-ROM surveys six of the most important model systems currently in biological and biomedical research laboratories: the mouse, phage lambda, Drosophila, Arabidopsis, C. elegans, and yeast.

#COG023 Mac/Win Hybrid CD-ROM \$499

### VHS SERIES

#COG024 The Mouse	\$125
#COG025 Drosophila	\$125
#COG026 Arabidopsis	\$125
#COG027 A Nematode	\$125
#COG028 Phage Lambda	\$125
#COG029 Yeast	\$125
#COG030 Complete Set of Six Programs	\$675

## Working With Proteins

From immunity to metabolism, cell movement to cell division, no biological function takes place without the involvement of proteins. The six programs in the *Working With Proteins* series address such questions from a practical perspective.

#COG037 Mac/Win Hybrid CD-ROM \$499

### VHS SERIES

#COG038 Fractionating a Cell	\$125
#COG039 Column Chromatography	\$125
#COG040 Determining Mass and Shape	\$125
#COG041 Activity Assay	\$125
#COG042 Sequencing a Protein	\$125
#COG043 Solving Crystal Structures	\$125
#COG044 Complete Set of Six Programs	\$675

## Using Microscopy

A compelling and accessible introduction to the core tools and techniques of biological microscopy as they are used in the real world research.

#COG031 Mac/Win Hybrid CD-ROM \$449

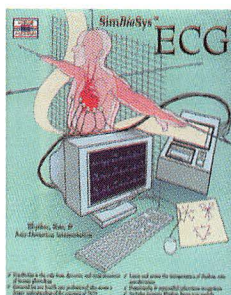
### VHS SERIES

#COG032 Getting Started	\$125
#COG033 Generating Contrast	\$125
#COG034 Electron Microscopy	\$125
#COG035 Probing Living Cells	\$125
#COG036 Complete Set of Four Programs	\$675

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# CRITICAL CONCEPTS



## SimBioSys ECG

Takes you into the world of one of the most widely-used medical diagnostic tools, electrocardiography. *ECG* teaches you the fundamentals of 12-lead interpretation and rhythm recognition in an easy-to-use, state-of-the-art program.

The material is presented using a thorough, interactive, on-line tutorial

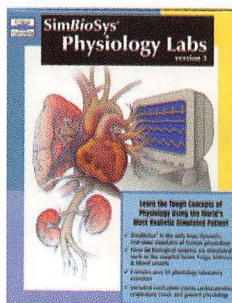
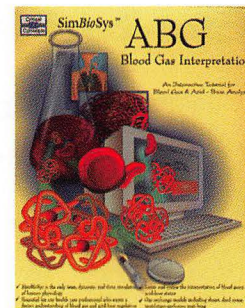
with exercises, and animation. Over 50 patient cases are provided for evaluation. *ECG* provides guidance and immediate feedback as you learn to identify findings in 12-lead *ECGs*. A quiz is presented after each section of the curriculum while the Rhythm Racer™ is a fun and challenging test of how quickly and accurately you recognize rhythms.

Windows Only \$99 #CC001

## SimBioSys ABG

*ABG* is a structured interactive course on the interpretation of blood gases and acid-base disorders. It focuses on what you need to know to properly and accurately read and interpret blood gas measurements. It includes 48 cases, known, unknown, covering all the blood gas derangements you are likely to see in clinical practice. *ABG* test your knowledge throughout the entire program with section quizzes and case interpretation quizzes. A speed drill section scores you on how quickly and accurately you are able to decipher blood gas results. In addition, choose from numerous parameters and create your own cases easily, including a quiz and patient history.

Windows Only \$74 #CC002



## SimBioSys Physiology Labs

Alter parameters such as cardiac contractility and lung recoil; watch as your subject responds and reacts in real-time.

Interventions such as these allow you to understand how the body works by observing their effects on different systems.

The *SimBioSys* engine reproduces over

1,000 physiological parameters to create a real-time simulation program that allows virtual experimentation.

*Labs* contains an interactive curriculum with animations, exercises, and quizzes. Nineteen chapters cover respiratory, cardiovascular, fluid exchange, and general physiology. Throughout the program, sixty-eight exercises utilize real-time physiological simulations to illustrate important concepts.

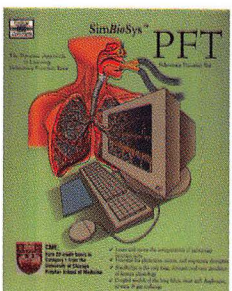
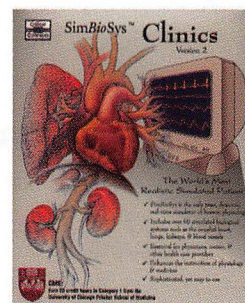
Windows Only Individual \$99 #CC003 (cannot create exercises)

Plus Version \$599 #CC004 (creates exercises & on-line access)

## SimBioSys Clinics

Practice your medical skills on critically ill patients in need of the correct diagnosis and treatment. Start up *Clinics* and enter the world of a modern intensive care unit with the tools of the hospital at your fingertips. Perform diagnostic procedures including a physical exam, lab test, ECGs, radiographs, and echocardiographs. Intervene by administering drugs and fluids, controlling a mechanical ventilator, or placing various catheters. The simulator updates the physiology of your computerized patient with your every move as if it were a real patient. *Clinics* contains ten critically ill patients and one normal patient. The normal patient can be used as a baseline for understanding important medical concepts.

Mac/Win Hybrid CD-ROM \$195 #CC005



## SimBioSys PFT

*PFT* is a must for health professionals who should understand the fundamentals of pulmonary function testing. *PFT* illustrates important concepts and principles in a dynamic, interactive format. The on-line tutorial takes you through the curriculum step-by-step. Topic include respiratory system

dynamics, gas exchange measurements, respiratory strength, disease patterns in pulmonary function, and patient case studies. *PFT* together with *SimBioSys ABG* forms a complete curriculum on pulmonary physiology.

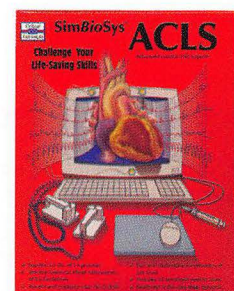
Windows Only \$99 #CC006

## SimBioSys ACLS

*ACLS* is a true simulator so you are not constrained to follow a predefined treatment path. Do the right procedures, do the wrong procedures, do procedures out of order: learn from your mistakes. Two modes are offered: practice and test. Use the "Where Am I" help page if you are reviewing or just learning protocols.

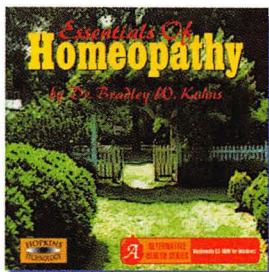
Advice is available at the press of a button. *ACLS* tabulates a score for each case on how well you followed the A.H.A. standards and indicates where points were added or deducted. In addition, a log book records every move you make. Both the scoresheet and log book can be printed. *ACLS* has 55 cases.

Windows Only \$89 #CC007





# ALTERNATIVE MEDICINE



## Essentials of Homeopathy

Everything you ever wanted to learn about Homeopathy. This comprehensive work guides you through the general essentials: etiology, pathology, diagnosis, physical exam, food/diet, vitamins, fasting, urine, blood

pressure, anatomy and physiology, body manipulation, therapy techniques and disease/treatments. The Quick Reference Guide cover potency and dose, difference between serums and nosodes, tablets or tincture and which is best, safeguard and some things to avoid, 135 everyday remedies and their chief characteristics and your medicine chest. The quick reference Repertory discusses over 470 health issues, their symptoms and their remedies.

Windows Only  
Single \$49 #HOP001

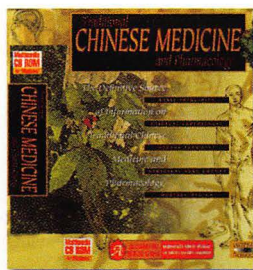


## Natural Health Encyclopaedia

Help maintain your health through the natural use of vitamins, minerals, amino acids, and other commonly used substances. This comprehensive work is written by Dia Sprigg, world renowned health

author. The 34 Health Topics covers anti-inflammatory, anti-oxidant, cancer, glandular system, hair, metabolism, neurological, pediatrics, reproductive, and weight. In "Herb" over 100 most used herbs are discussed with over 125 color photos, botanical and common names, parts used, principal uses, dosages, nutritional content, chemical constituents, benefits, functions and warning. Read about Vitamins & Minerals, Amino Acids, and miscellaneous supplements.

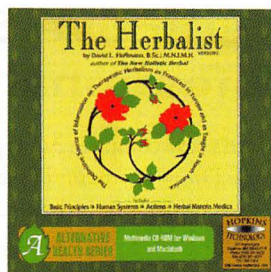
Windows Only  
Single \$39 #HOP003



## Tradition Chinese Medicine and Pharmacology

This comprehensive CD-ROM looks at Chinese traditional medicine in terms of its holistic philosophical outlook. It draws frequent comparisons between the methodology of modern Western medicine and science and that of traditional Chinese medicine. Text and diagrams on the interrelationship and clinical applications of the basic philosophical elements are included. In addition, there are explanations of physiology, pathology, etiology, diagnostic methodology and syndrome differentiation as related to yan-fu (internal) organs and the channels and collaterals. It contains extensive clinical experience on internal medicine, gynecology and pediatrics. There are 322 herbs and 137 formulas covered.

Mac/Win Hybrid CD-ROM  
Single \$49 #HOP005



## The Herbalist

David Hoffmann's comprehensive CD-ROM on herbal medicine. See over 170 beautiful full color herb photos. Hear David describe the herbs and their medicinal uses with informative narrations. Enjoy Jim Duke's herb music and verse.

Contains an extensive herbal glossary, medical and scientific citations, plant taxonomy and English to Latin cross reference. Included is extensive information on Basic Principles of Herbalism such as how to choose the right herb, Human Systems such as digestive, cardio-vascular, respiratory, nervous, and reproductive systems. The Action of Herbs, such as anti-inflammatories and diuretics, and Medical Details on over 180 herbs, such as chamomile, ginger, feverfew and saw palmetto.

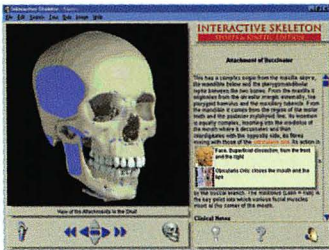
Mac/Win Hybrid CD-ROM  
Single \$49 #HOP002

## The Complete Acupuncture

If you ever wanted to learn about acupuncture, this CD-ROM has it all. It details the body points and needles used, moxibustion, diagnosis and treatment of common diseases, as well as use in medicine, surgery, gynecology, pediatrics, ophthalmology, and skin diseases. Over 534 clinical research studies using acupuncture and described in great depth. Videos include an acupuncture demonstration and comprehensive lecture lab by Wei Liu, Doctor of Chinese Medicine. Also included are body charts, a glossary of acupuncture, and a versatile, full text search.

Windows Only  
Single \$49 #HOP004





## Interactive Skeleton: Professional Edition

The world's first complete 3D digital skeleton. Every bone can be viewed in 3D and labeled from any point of view. All landmarks and muscle attachments appear as 3D areas, which can be labeled. The content includes not just bones but a range of dissection images, radiographs, and text covering all anatomical features.

*The Professional Edition* provides a powerful software suite for teachers to design

their own courses around the content, build customized quizzes, grade students' answers electronically, and print our high resolution images for overhead projection, etc.

Macintosh/Windows Hybrid CD-ROM

Single \$59 #PRI001 Spanish Language Version \$59 #PRI002 German Language Version \$59 #PRI003

## Interactive Skeleton: Sports & Kinetic Edition

*The Sports & Kinetic Edition* contains this full 3D model, plus a range of new material for all sports-related specialists.

The 3D skeleton comes alive with the addition of a range of muscle action video linked to the skeletal model. All surface anatomy is labeled, and an entirely new sports text covers major functional anatomy. An ideal resource for anyone involved in sports medicine, athletic training, rehabilitation, and coaching.

Mac/Win Hybrid CD-ROM

Single \$60 #PRI004

## Interactive Hand: Surgery Edition

*Interactive Hand* presents many new and comprehensive descriptions, which have been impossible to describe through 2D diagrams. These include the carpal ligaments, extensor apparatus, the proximal interphalangeal joints and volar plates, and the components of the palmar fascia. This is a two disk set. The CD-ROM set takes the user through a number of surgical procedures, displaying the anatomical landmarks relevant to surgery. The first disc covers 3D anatomy and related topics, the second disc contains surgical procedures guide.

Mac/Win Hybrid CD-ROM

Single \$200 #PRI005

## Interactive Hand: Therapy Edition

A version of the *Interactive Hand* specially designed for occupational and physical therapists. Created by a former president of the American Association of Hand Therapists, the disc contains core 3D anatomy and uses video clips to build a complete anatomy relevant to therapists and muscle testing, surface palpation, and nerve testing. Increase your 3D understanding of the anatomy and review. Master clinical techniques of anatomical palpation and manual muscle testing.

Mac/Win Hybrid CD-ROM

Single \$60 #PRI007



## Interactive Foot & Ankle

*The Interactive Foot & Ankle* is the first complete and accurate three-dimensional anatomical model of its kind. Built from a full MRI data set of a cadaveric distal lower limb, this model forms the perfect center piece for a disc with both Anatomical and Radiology sections. Every visible structure can be clicked on to reveal detailed anatomical and clinical text, comprehensive enough for people in training and detailed enough for experts. A Radiology Section, with full accompanying text, takes a look within the ankle joint itself and correlates MR slices with the equivalent slice through the 3D model. A Quiz, including multiple-choice questions, enables self-assessment and completes this educational and reference tool.

Mac/Win Hybrid CD-ROM

Single \$150 #PRI006



## Interactive Shoulder

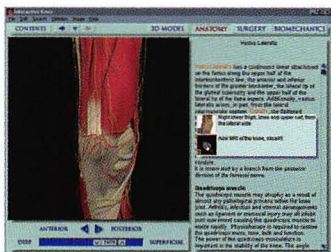
This CD-ROM features a complete 3D model of the shoulder. Combining all the functionality of other Primal Pictures' CD-ROMs, this disc also provides latest imagery on the bio-mechanics of the joint, and a rich range of pathological data.

Mac/Win Hybrid CD-ROM

Single \$65 #PRI008







## Interactive Knee: Surgery Edition

*Interactive Knee* presents full knee anatomy in three dimensions. It is the ultimate educational, training, and presentation resource for all those involved in knee surgery and rehabilitation. The user can rotate the 3D model, click on any structure to label it, and peel away up to 18 layers from skin to bone. Based on very high resolution Magnetic Resonance Imaging and a full set of knee MRI data is also included on the disc.

Mac/Win Hybrid CD-ROM  
Single \$150 #PRI009

## Interactive Knee: Radiology Edition

*Interactive Knee Radiology Edition* is a comprehensive radiological resource, which is only available in this CD-ROM format. This edition correlates the 3D full color model to multi-planar MRI data. The user can cut through orthogonal slices of the 3D model in any plane, and label any feature or structure. There is also a selection of MRI pathology (all labeled).

Windows Only  
Single \$150 #PRI010

## Interactive Knee: Anatomy Edition

The core 3D model, plus a selection of bio-mechanical animation. Designed as a comprehensive introduction to knee anatomy for sports and rehabilitation specialists, athletic trainers, medical students and their teachers.

Mac/Win Hybrid CD-ROM  
Single \$60 #PRI011

## Lecture Lab

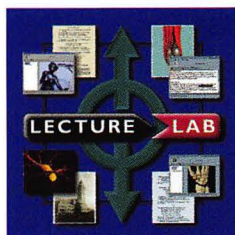
*Lecture Lab* is a powerful, time-saving and practical software for anyone with a slide or image library. You can organize this resource, add labels, produce indexes, and write notes with "hot link" to images. Create your work as HTML pages, and you can share your newly created piece on the internet.

Windows Only  
Single \$50 #PRI012

## Interactive Wrist

The world's most complete 3D model of the human wrist is now accompanied by a complete radiological resource on this most complex of joints. Full pathological data is also included along with dynamic imaging of the joint in motion. The 3D Model can be viewed from a variety of angles and every view can be correlated to slice Magnetic Resonance (MR) data. The Model is highly detailed featuring all muscles, ligaments, and nerves and vasculature.

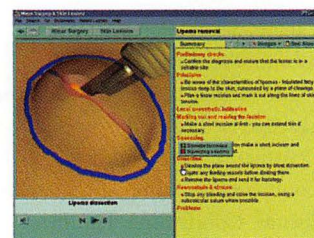
Mac/Win Hybrid CD-ROM  
Single \$250 #PRI014



## Minor Surgery & Skin Lesions

For the first time a CD-ROM encompasses the full array of subjects related to minor surgery. It provides instant access to high resolution 3D computer animation, text, sound, video, and clinical stills on diagnosis, management, and practical techniques. An easy-to-use introduction to minor surgical techniques and basic dermatology for GPs, family physicians, nurse practitioners and a wide range of health professionals.

Windows Only  
Single \$65 #PRI013



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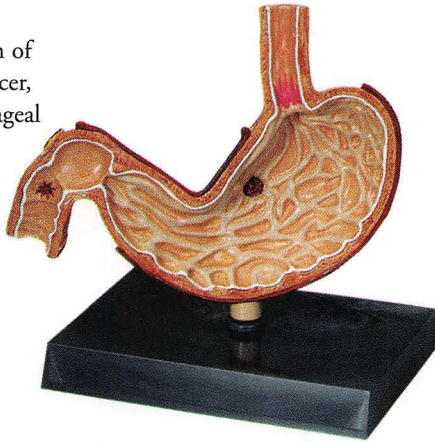
# ANATOMICALS

## 200 Stomach

Full size cut-away section of stomach shows gastric ulcer, duodenal ulcer & esophageal inflammation.

(8" x 1 1/4" x 6 1/4")

\$50

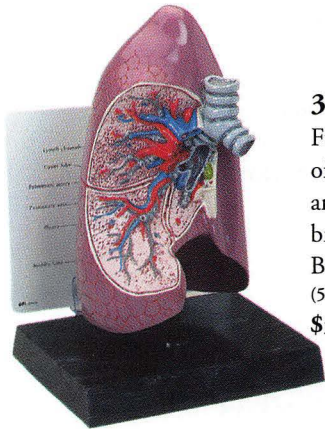
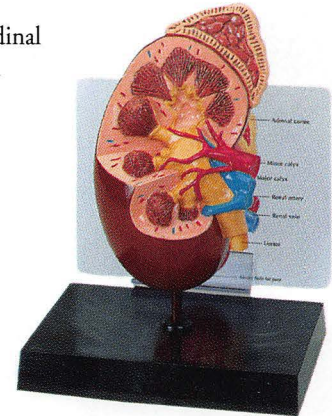


## 325 Kidney

Two times life size longitudinal section of right kidney and adrenal gland.

(4" x 2 1/2" x 6 1/2")

\$45

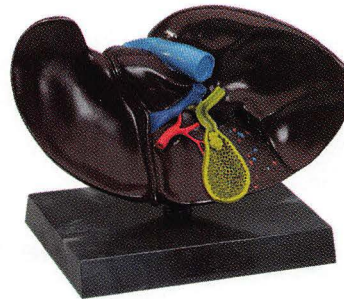


## 310 Right Lung

Full size. Cut-away of right side of lung. Model shows bronchus, arteries, veins, two lymph nodes, bronchial passages and Trachea Bifurcation.

(5 1/2" x 4 1/2" x 9")

\$55



## 330 Liver/Gallbladder

Full size liver and gallbladder with cut-away section showing inner anatomy of gallbladder, including gallstone.

(8 1/2" x 4 1/2" x 4 1/4")

\$50

## 335 Rectum

One and one half times life size cut-away model displaying Ulcerative Colitis, Internal and External Hemorrhoids, Annular Cancer, Sessile Polyp, Submucosal Abscess, Skin Tag, Pedunculated Polyp, Supralevator Abscess, Ischiorectal Abscess, Cryptitis, Diverticulum, Condyloma Acuminatum, Fissure, Condyloma, Latum.

(6" x 2 1/2" x 7")

\$55

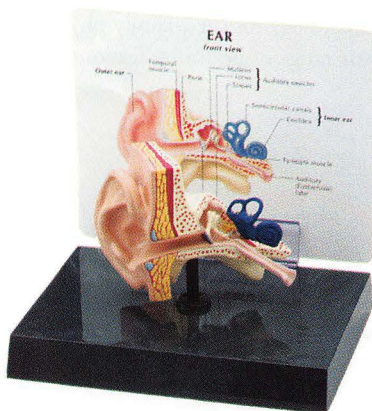
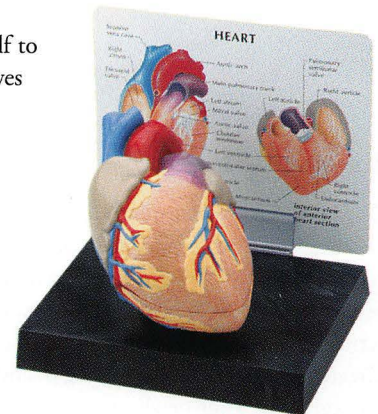


## 250 Heart

Two-piece model opens in half to show inner chambers and valves of heart.

(4" x 3 1/2" x 6")

\$55



## 225 Ear

Full size model shows canal and inner ear mechanisms.

(4" x 2 1/2" x 3")

\$50



## 260 Artery

Oversized "Y" section with cut away to show gradual build up of cholesterol deposits.

(6 1/2" x 1 1/2" x 4")

\$45



# ANATOMICALS



## 375 Skin Acne

Enlarged cross section of skin. Relief detail displays acne pistule (pimple) on one side and open comedo (blackhead) on backside. Also shown are Epidermis, Dermis & Subcutaneous tissue details of normal skin.

(4" dia. x 4 1/2")

\$55



## 285 Sinus

Cut-away model depicts a near median section through the nose and nasal passages. Details include nasal cavity, soft and hard palate, uvula, and pharyngeal tonsil. Back side shows ethmoid and maxillary sinus cavities.

(4 1/2" x 1 1/2" x 5 1/4")

\$50

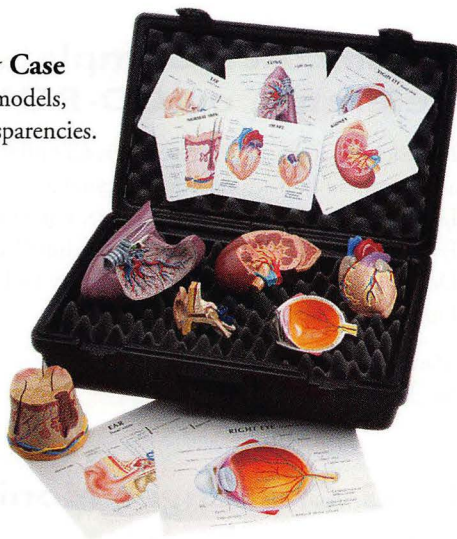
## 800 Storage/Carry Case

Safely transport your models, display cards and transparencies.

(Case only)

(21" x 14" x 6")

\$37



## 275 Eye

Oversized model with cut-away to show inner anatomy. Lens and cornea removable.

(5" x 4" x 3 1/4")

\$50



## 400 Full Spine

Features occipital bone, cervical vertebral artery, full spinal nerve and soft discs with herniated disc at L13-L4. Spine fully articulates. Stand Included.

(10 x 10" x 32")

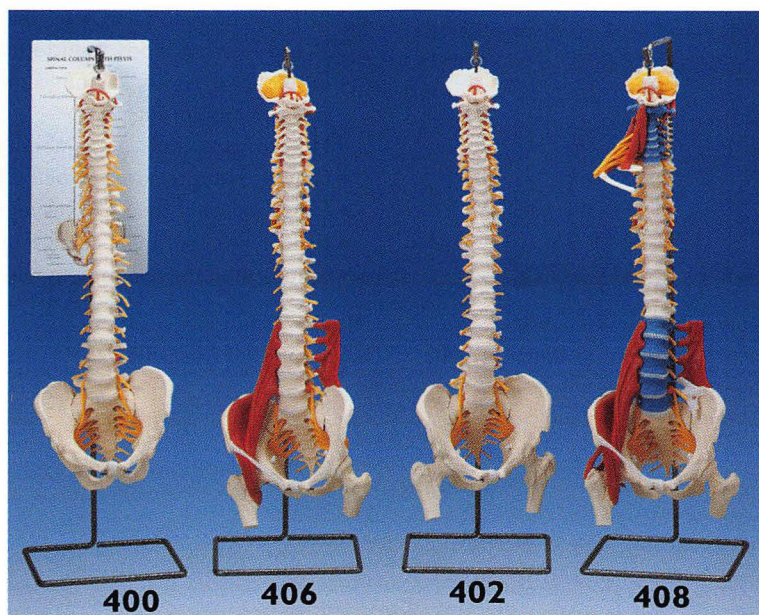
\$150

## 406 Basic Muscled Spine

All the features of the Spine with Femur Heads with the following muscles add: suboccipital triangle, inter-transverse long and short rotators (thoracic region), quadratus lumborum, psoas major, piriformis and iliocostalis, brain stem and cerebellum.

(10" x 10" x 36")

\$275



## 402 Full Spine with Femur Heads

Same as #400.

(10" x 10" x 36")

\$175

## 408 Deluxe Muscled Spine

Same as the Basic Muscled Spine with the following muscles and ligaments added: Long capitis, levator-scapulae, scapulae medius (posterior and anterior) all attached to the first and second rib on the right side; gluteus medius and minimus, gemelli superior and inferior with obturator internus, lumbar section erector muscles and full sacroiliac ligaments. Stand included.

(10" x 10" x 36")

\$475



## Patient Care Skills

*Patient Care Skills* on CD-ROM is a fully interactive software training program, designed for any educational curriculum, which includes patient care training. Ideal for nursing, home health, or multi-skill patient care. Student users interact through case study questions, video, animation, sound, and graphics to learn the basics of patient care including personal care skills, vital signs, toileting, intake and output, transfers, and much more. This stimulating and entertaining format maintains interest along with developing critical thinking and problem solving skills. The program, includes OBRA requirements for nursing assistants, can be used for skill training, laboratory review, and validation of skills. A complete course management system allows the instructor to maintain records and documentation of program scores and completion.

Windows Only

Institutional \$195 #TOT001

Network (25 users) \$750 #TOT002

Note: Student product on page 27

## Providing Oxygen Therapy and Aerosolized Treatments

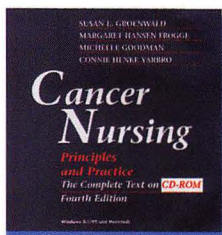
This software training program provides an interesting and entertaining approach to learning oxygen therapy and the most commonly administered aerosolized treatments. This program can be used for cross-training or multi-skill training of current employees or students. This easy to use program will make a great adjunct to your current educational course or can be used independently to document proficiency in providing oxygen therapy and aerosolized treatments.

Windows Only

Institutional \$190 #TOT003

Network (25 users) \$700 #TOT004

Note: Student product on page 27



## Cancer Nursing

The electronic version of "*Cancer Nursing, Fourth Edition*", provides instant computer access to the complete text, including illustrations and tables of this classic, best-seller reference. The user can locate content via a key word index or by

a topical table of contents. *Cancer Nursing* presents the most comprehensive information on oncology nursing with an extensive art program and reference from leading oncology nursing experts.

Specify Macintosh or Windows

Single/Institutional \$150 #JAB001

## Davis' Electronic Drug Guide For Nurses

Access all drug monographs from Davis' best selling drug guide—this includes over 1600 prescription and nonprescription drugs by generic and trade names, drug classifications, and combination products. The Drug Classification button takes the user to a detailed description of drug classes. It includes all appendices from Davis' Drug Guide for Nurse; a dosage calculator, injection sites, and data on 475 combination products.

Windows Only

Single \$59 #FAD001 Institutional (1 to 5 users) \$199 #FAD002

## Lippincott's Complete Nursing Reference on CD-ROM

Far reaching and well organized, this CD offers at-a-touch access to a spectrum of best selling nursing resources, including: The Lippincott Manual of Nursing Practice, Guide to Physical Examination and History Taking, Nursing Care Plans and Documentation, A Manual of Laboratory and Diagnostic Tests, Lippincott's Nursing Drug Guide.

Mac/Win Hybrid CD-ROM

Single \$125 #LWW001

## ECG-Challenger Monitoring Basic for Nurses

Is a collection of over 130 high resolution images and illustrations, and 181 questions and text items that will have you quickly reading ECGs and Rhythm Strips. It includes:

- Essentials of cardiac anatomy and physiology required for effective monitoring
- How to select leads and establish monitoring
- Graphic interpretation of the ECG
- Components of the ECG tracing
- Fundamentals of ECG rhythm interpretation
- Troubleshooting common monitoring problems

Windows Only

Single \$119 #CCH001



## A.D.A.M. Physician's Home Assistant

*A.D.A.M. Physician's Home Assistant* is a CD-ROM offering a complete interactive medical guide featuring an extensive encyclopedia for referencing disease and treatment options, symptom analysis and drug interaction verification. The library contains over 600 photographs and illustrations indicating what to look for before seeking professional help. Find out and learn about various tests and procedures, including the costs and recovery time associated with them. Learn simple First Aid techniques and receive poison control information for treating minor emergencies occurring around the home. Best of all you can record, print and index years of medical history for use when seeing any new healthcare provider.

Mac/Win Hybrid CD-ROM  
Single \$39 #ADA026



## A.D.A.M. Pediatrician Home Assistant

*Pediatrician Home Assistant™* was developed by a team of health care professionals including doctors, nurses,

pharmacists, and nutritionist. It features an extensive encyclopedia for referencing disease and treatment options, system analysis, and drug interaction verification. Learn emergency First Aid procedures and receive poison control information with just a click of the mouse.

Mac/Win Hybrid CD-ROM  
Singles \$39 #ADA027

## Interactive First Aid

This highly interactive CD-ROM program assists instructors by supplying realistic scenarios and situations to classroom work. Covers all the basic information and content with hyperlinks to graphics, pictures and additional information. Dynamic movie scenarios provide the basis for gathering information and making decisions on which action to take.

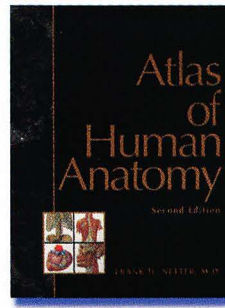
Windows Only  
Single \$495 #JAB002

## Brainiac!

*Brainiac!* is the computerized interactive neuroanatomy atlas that will help you learn the detailed anatomy of the human brain faster and move easily. Packed with all these valuable features:

- Four modules—Gyri, Coronal, Horizontal, and Pal Weigert Stained Brainstem Sections
- Review mode and test mode with scoring
- Easy point and click interface

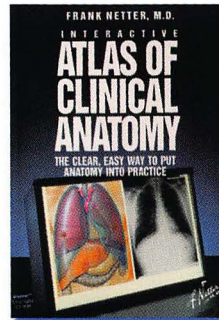
Specify Macintosh or Windows  
Single \$149 #MMS001  
Site License (20 concurrent users) \$995 #MMS002



## Netter's Interactive Atlas of Human Anatomy

This interactive program has outstanding educational features – search for plates by body region, organ system, key word; create personal study guides; use built-in tests or create custom exams; magnify details; print out plates for use in patient education.

Specify Macintosh or Windows  
Single \$99 #NOV001 Institutional \$650 #NOV002



## Interactive Atlas of Clinical Anatomy

The Atlas presents an enormous amount of material in a well-integrated, flexible, intuitive program. It includes many of Dr. Netter's timeless illustrations from the 12-book "The Netter Collection of Medical Illustrations". With 240 radiographs, 350 clinical illustrations, new cross-sections, videos from "The Visible Human Project", presentation capabilities, and tutorials.

Specify Macintosh or Windows  
Single \$199 #NOV003 Institutional \$1,295 #NOV004

## The Anatomy Project

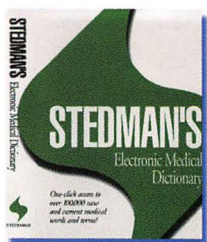
Each title describes a region of the body chapter-by-chapter and comprises approximately 50 minutes of movie tutorial with expert voice-over commentary, approximately 100 self-assessment questions and answers with video remediation, an atlas, summaries, and a glossary. This is a major self-directed learning, teaching and reference tool, not only within the field of anatomy but also, equally, for each of the specialties covered.

- Basic Human Anatomy #PAR001
- Neuroanatomy 1: The Forebrain #PAR002
- Neuroanatomy 2: The Midbrain & the Hindbrain #PAR003
- Neuroanatomy 3: The Spinal Cord, Meninges & Blood Supply #PAR004
- The Heart, Mediastinum & Great Vessels #PAR005
- The Respiratory Tract #PAR006
- The Eye #PAR007
- The Hand #PAR008
- The Abdominal Wall & Back #PAR009

The Abdominal Cavity & Digestive Tube and The Abdominal Viscera coming soon.

Mac/Win Hybrid CD-ROM  
Each Module \$99





## Stedman's Electronic Medical Dictionary

Contains 100,000+ medical words and over 800 images directly from *Stedman's Medical Dictionary, Twenty-Sixth Edition* complete with definitions, written pronunciation guidelines, etymologies, and hyphenations!

It is the only electronic medical dictionary to date with easy access from the Tool Menu of major Windows word processing programs (yet it's word processor independent). Each image is linked to its appropriate term in the dictionary allowing you to see the word and its meaning with ease and speed.

Mac/Win Hybrid CD-ROM

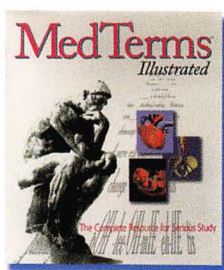
Single \$79 #LWW002 Network \$279 #LWW003

## Stedman's Plus Medical/Pharmaceutical Spellchecker

Accurate spelling for your medical reports, articles, research papers, documents, presentations and other communications has never been this fast or so easy! *Stedman's Plus 7.0* spellchecks nearly 500,000 total medical, drug, and bioscience terms for 57 major medical specialties, including: Orthopedics, Oncology, Cardiology, OB/GYN, Radiology, Pathology/Lab Medicine. 500,000 terms including all new trade and generic drug names approved in prior year.

Mac/Win Hybrid CD-ROM

Network (2 to 5 users) \$349 #LWW004



## MedTerms Illustrated

Learn and master medical terminology. This 10 lesson computer-assisted training program is based on a proven, classroom-based curriculum developed at the University of Texas Health Science Center at San Antonio. It takes users

step-by-step through 300 prefixes, root words and suffixes—all thematically grouped for maximum learning and retention. A self-paced 19 hour course that uses self-correcting exercises, screen base tutorial, and pre-and post tests to reinforce new knowledge through continuous feedback.

Windows Only

Single \$59 #VIC001 Institutional (unlimited) \$495 #VIC002

## The Merck Manual Illustrated 17th Edition

All three outstanding references on 1 CD-ROM! *The Merck Manual 17<sup>th</sup>*, revised to reflect an ever-increasing and changing body of medical knowledge. This edition includes the twenty-three indexed main section covering all areas of medicine and specialties plus detailed coverage of pediatrics, obstetrics, gynecology, pharmacology and dental disorders.

*The Merck Manual of Geriatrics, 2<sup>nd</sup> Edition* focuses on the particular concerns of the elderly from dementia to the rights of older patients. Merrian-Webster's Medical Dictionary sold as a separate product but offered here free with purchase. It offers access by definition, spelling, partial word, pharmaceutical name, sounds-like and many more. Plus hundreds of added color illustrations and photographs.

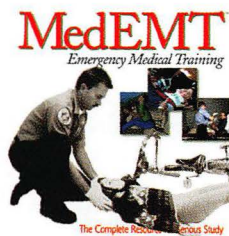
Mac/Win Hybrid CD-ROM

Single \$95 #CMC001 Institutional \$195 #CMC002

## Atlas of the Visible Human Male

This Atlas completely catalogs the internal human male in a way never before possible, with 3,000 full-color pictures. The latest in high definition computers were used to compile images taken from three different perspectives. This atlas is a valuable reference to professionals, students, and anyone else who is interested in the study of the human body.

Hardcover Book \$99 #JAB003



## MedEMT: Emergency Medical Training

This interactive multimedia training course was developed to meet the Department of Transportation's National Standard Curriculum for training EMT-

Basic. This 100 hour course features 75 full-motion videos and animations, as well as more than 1,000 2D and 3D illustrations, accompanied by text describing all of the skills and procedures required. The institutional version includes training for up to 100 students.

Windows Only—2 Disc Set

Single \$69 #VIC003 Institutional (25 users) \$295 #VIC004

Call for additional institutional pricing



## Food/Analyst PLUS

Huge food database for nutritional analysis. See what you are eating by specific nutrients such as calories, fat sugar, protein, cholesterol, vitamins and much more. 23,000 foods and 100 nutrients! Contains the USDA's Handbook 8, Standard Reference, USDA Survey Database, Canadian Nutrient File (English and French), USDA HER 48 on sugar, and over 8,000 food manufacturer's brand name foods. Add your own foods, cost meals/recipes. Dietitian's advise on over 75 nutrition subjects, nutrient sorts (high to low of foods containing each nutrient), export person data files for use with statistical analysis or database programs, RDA graphs, colorful calorie pie charts and multiple reports. Very easy to use, includes extensive context sensitive help. Used by the American Dietetic Association.

Windows Only  
Single \$199 #HOP006

## Dine Healthy

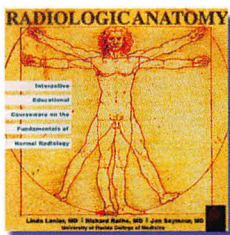
Teaches good nutrition and fitness. Bar charts show how well or how poorly you are eating with recommendations for food choice changes. An exercise section tracks caloric expenditure and calculates caloric intake.

- Analyzes single foods, diets and recipes for 1 to 26 nutrients including dietary fiber, cholesterol, sodium, and fat. Food lookup is fast: by common name, brand name, nickname or code.
- Charts and monitors your progress in weight control.
- Database contains 10,000 foods analyzed for nutrients and food components.
- Highlights diet problems for quick and easy food changes.
- Records your different activities for analysis of caloric expenditures based on weight and gender.

Specify Macintosh or Windows  
Single \$129 #DIN001 Lab Pack (5) \$295 #DIN002

The optional Curriculum Guide is a loose leaf-binder that provides everything necessary to build an entire course around *Dine Healthy*: complete set of lesson plans, handouts, and a diskette of transparencies. The guide adheres to Health Education, Food and Consumer Science and General Science Standards.

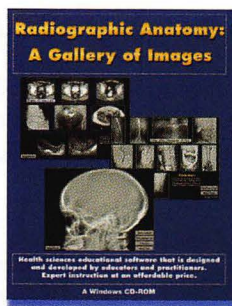
Curriculum Guide \$39 #DIN003



## Radiologic Anatomy

An interactive learning tool that will allow you to study all areas of the human gross anatomy. *Radiologic Anatomy* features over 230 fully-labeled normal images, and over 250 abnormal films, anatomic correlations (hundreds of cadaveric images) and a self-evaluation format with immediate feedback.

Mac/Win Hybrid CD-ROM  
Single \$99 #GSI001 Institutional \$1,000 #GSI002

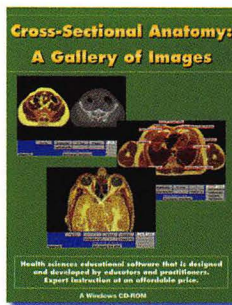


## Radiographic Anatomy: A Gallery of Images

An extensive collection of radiographs, including plain films, angiograms, CT scans, MRIs, and much more that address all regions of the human body. This program is designed to teach and reinforce human anatomy using a visual

medium, radiology, that is common to the health care sciences; applicable to medical nursing, and allied health programs as well as physician review. Each large, nearly full screen image has an optional descriptive text, identification labels, and extensive self-testing modes that permit the user to assess their knowledge base. Health sciences educational software designed and developed by educators and practitioners.

Windows Only  
Network (unlimited per server) \$395 #SCH001  
Note: Student products on page 27



## Cross-Sectional Anatomy: A Gallery of Images

Based on the National Library of Medicine's Visible Human Project, this program teaches human anatomy from the perspective of the cross-sectional plane. The Visible Human Project comprises nearly 7,000 images from the

Visible Male and Visible Female. You don't have time to go through the 7,000 images! This program uses slightly over 200 male and female cadaveric and CT images selected to depict the major anatomical features of the body regions. Each image has an optional descriptive text, identification labels, and extensive self-testing modes permitting the user to assess their knowledge base. Clinical cases are added to the collection to allow the user to apply the normal anatomy learned. The content is applicable to medical, nursing, and allied health programs.

Windows Only  
Network (unlimited per server) \$395 #SCH002  
Note: Student products on page 27



## The Cardiovascular System Series

*The Cardiovascular System Series* was developed for instructors and students. Each comprehensive module in the series allows users to study cardiac anatomy and physiology using the latest multimedia technology. There are two CD-ROMs for each module. Disc 1 contains tutorials with text, images, audio, animations, quizzes and a glossary. Disc 2 contains high resolution images for presentations.

### Students can:

- Understand complex medical and scientific concepts at their own pace
- Monitor their own learning progress with self-assessment tests and prompts to revisit the tutorial when extra help is needed
- Automatically access definitions from the glossary with hot-linked labels
- Print out and practice with the selection of past exam questions
- Copy text into their own course notes with the built-in notepad
- Look up related reading material with the Bibliography

### Instructors can:

- Create comprehensive lecture notes by including text from the tutorial scripts into their own documents and presentations.
- Produce vivid slides of the high resolution full color anatomical, histological, and graphical imagery included in the Image Bank disc
- Import colorful artwork into other software and add their own labels
- Project overhead presentations to supplement lecture theater classes

### MODULE 1: FUNCTIONAL ANATOMY OF THE HEART

Surface Anatomy	The Pericardium
Cardiac Architecture	The Four Chambers
Mitral and Tricuspid Valves	Pulmonary and Aortic Valves
Coronary Arteries and Veins	Electrical Conducting System
Fetal Circulation	

### MODULE 2: CELLULAR MECHANISMS IN CARDIAC PHYSIOLOGY

Cardiac Muscle Contraction	Adrenergic and Cholinergic Receptor
Electrical Activity of the Heart	Renal Control of Blood Pressure
Nervous Control of Blood Pressure	

### MODULE 3: CARDIAC MUSCLE ACTION AND BLOOD FLOW

Passage of Blood	Parameters of Blood Flow
Cardiac Output	Cardiac Input
Propagation of the Action Potential	Cardiac Muscle Mechanics

### MODULE 4: INTRODUCTIONS TO PHYSICAL SIGNS IN CARDIOLOGY

Cardiac Examination	Electrocardiography (ECGs)
Chest X-rays	Echocardiography
Cardiac Angiography	Heart Sounds and The Cardiac Cycle

Mac/Win Hybrid CD-ROM

Each Module / Single Workstation **\$275 #AND001**

Each Module / 10-User Site License **\$750 #AND002**

Call for Site Licensing Agreements

## The Cardiac Cycle Multimedia MedSeries

Enables students to visualize and understand blood flow and the heart's complex structure at their own pace using tutorials, full color art, animations and quizzes.

Subjects Covered:

- Anatomy of the Heart's Chambers
- Volume Changes and Blood Flow
- Pressure Changes and Pressure Volume Loop
- Heart Sounds and the Cardiac

Mac/Win Hybrid CD-ROM

Single/Institutional **\$49 #AND003**

10-User Site License **\$249 #AND004**

Call for Site Licensing Agreements

## Electrophysiology of the Heart Multimedia MedSeries

Enables students to visualize and understand the heart's complex electrical activity at their own pace using tutorials, full color art, animations, and quizzes.

Subjects Covered:

- Anatomy of the Electrical Conducting System
- Generation of the Action Potential
- Propagation of the Action Potential
- Introduction to Electrocardiograms (ECGs)

Mac/Win Hybrid CD-ROM

Single/Institutional **\$49 #AND005**

10-User Site License **\$249 #AND006**

Call for Site Licensing Agreements



## Anatomy and Physiology Technologist

Funded by the National Science Foundation, *Anatomy and Physiology Technologist* offers students an exciting new way to study the fundamentals of anatomy and physiology. The 12-Interactive lessons complement a two semester, community college-level course. This program is ideal for advanced placement of high school students; or for college level tech prep, pre-med, or biomedical engineering students or for traditional, entry level college students.

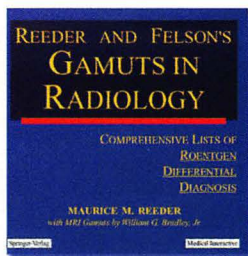
Lessons Include:

Biomedical Imaging	Cell Factory
Tissue Study	Evaluation of Skin Layers
Bone Structure & Strength Analysis	Articulations
Digital Brain Atlas	Brain's Blood Supply
Blood Cells	Cardiac Dynamics
Smoking & Emphysema	Digestive Landscapes

Specify Macintosh or Windows

Single **\$199 #CIP001**

Site License (3-5 users) includes 3 Guidebooks/3 CD-ROMs **\$549**  
(6-10-users) includes 5 Guidebooks/5 CD-ROMs **\$1,049**



## Gamuts In Radiology

Using this CD-ROM, the radiologist can instantly correlate radiographic findings with over 8,000 possible diagnoses organized in more than 1,500 Gamuts. This software program combines the power of expert system

software with the radiologist's reasoning and expertise. Even minimal information can be converted into an authoritative list of possible diagnoses with just a few clicks of the mouse. In addition, over 1,000 images are included, so the program doubles as a comprehensive teaching file.

Windows Only

Single/Institutional **\$185 #SPV001**

## Direct Smear Atlas

Is a compilation of more than 230 high quality photomicrographs taken from Gram-Stained smear preparations of actual patient specimens. This CD is designed to help the user achieve proficiency in reading gram stains. The program offers access to smears by specimen site, morphology category, alphabetically by species or by clinical name, and a special self test function lets you measure your proficiency as you learn.

Windows Only

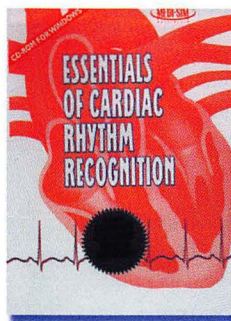
Single **\$75 #LWW005** Institutional **\$495 #LWW006**

## Hematology: A CD-ROM Atlas

This electronic hematology atlas is designed to help identify and study morphology of cells from peripheral blood and bone marrow. It supplies abundant illustrations and features a quiz with performance feedback.

Windows Only

Single **\$60 #LWW007** Institutional **\$495 #LWW008**



## Essentials of Cardiac Rhythm Recognition

This CD-ROM actively involves you in an exciting approach to cardiac rhythm interpretation. Four major sections cover electrical activity of the heart and sinus rhythms; atrial dysrhythmias; junctional and ventricular dysrhythmias; and heart blocks. Also included is Stedman's

Electronic Medical Dictionary. A wide section of rhythm strips and narration is incorporated. Educational and easy to use this CD provides users with targeted feedback and reinforcement of central concepts and tests for mastery of content.

Windows Only

Single **\$49 #LWW009** Institutional **\$395 #LWW010**

## Auscultation of Breath Sounds

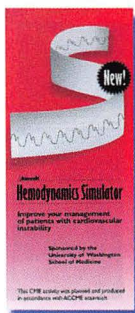
Learn everything you need to know about auscultating posterior and anterior views of the chest with this CD-ROM. View real time videos of actual exams plus diagrams that highlight proper procedures and placement of the stethoscope. Identify normal and abnormal breath sounds in an outstanding audio section that recreates these sounds and explains their significance.

Windows Only

Single **\$49 #LWW011** Institutional **\$495 #LWW012**

Call for Site Licensing Agreements or  
to order: **1-800-550-0335**  
Or visit our web site:  
**laserprofessor.com**





## Hemodynamics Simulator

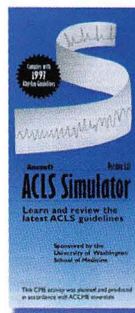
Improve your management of patients with cardiovascular instability. A computer program that will help you review hemodynamic monitoring, cardiovascular physiology and vasoactive infusion. 20 self directed lessons explore non-invasive versus a direct arterial blood pressure measurements. With the *Hemodynamic Simulator* you can determine

hemodynamic profiles in a variety of clinical condition. You will be able to:

- Optimize and monitor the blood pressure, cardiac output and filling pressures with fluids and vasoactive infusions
- Monitor Hemodynamics in Simulated cases
- Administer vasoactive infusions and observe onset, dosing and recovery for multiple medications in a variety of clinical conditions

Windows Only (CD or Diskette)

Single \$69 #ANE001 Institutional \$399 #ANE002



## ACLS Simulator

Incorporates two modules: Rhythm for ECG rhythm recognition and Pulse, a real time megacode simulator. Contains the most recent algorithms, medications, and dosages from the American Heart Association guidelines published in the Textbook of Advanced Cardiac Life Support. Interpret the ECG, assess the patient, control the airway, breathing and circulation

defibrillate and administer medications. Provides tutorials on rhythm recognition, treatment and medications. Includes 28 simulated case studies.

Mac/Win Hybrid CD-ROM (CD or Diskette)

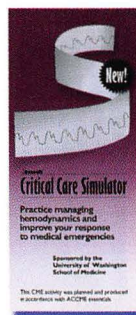
Single \$69 #ANE003 Institutional \$399 #ANE004

## Sedation Simulator

This is the perfect program to review the management of conscious sedation. Administer a variety of sedative agents, monitor the simulated patient and manage a number of emergency scenarios. 40 different patients are presented and you must manage the airway, ventilation, fluids and medications. Many emergency situations will occur requiring rapid diagnosis and proper treatment to avoid disaster.

Windows Only (CD or Diskette)

Single \$99 #ANE005 Institutional \$499 #ANE006



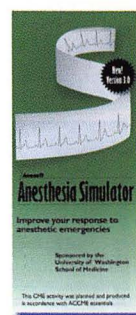
## Critical Care Simulator

A real time graphical computer that reproduces patient care in an Intensive Care Unit. 20 different critically ill patients are presented and you must manage the airway, ventilation, fluids, and medications to improve the simulated patient's condition. Optimize the patient's hemodynamic state with invasive monitoring and vasoactive infusion. Review hemodynamics and vasoactive infusions, and practice managing

simulated medical emergencies.

Specify Macintosh or Windows (Diskette only)

Single \$99 #ANE007 Institutional \$499 #ANE008



## Anesthesia Simulator

A real time graphical Simulator that produces the anesthesia environment on a computer screen. It is the only computer program that can help prepare for emergency situations in anesthesia. Control the airway and ventilation, administer fluids and medication, and perform regional blocks to manage 80 different cases including obstetric and pediatric anesthesia, plus 20 new drugs.

Mac/Win Hybrid CD-ROM (CD or Diskette)

Single \$299 #ANE009 Institutional \$699 #ANE010

## Flash Code

You can learn while you do it! Fast, simple, accurate and painless coding.

ICD Version: Contains the ICD codes, alphabetical index, Table of Drugs, Chemicals and Neoplasms. Codes can be saved, printed or pasted/exported to other medical software.

Specify Macintosh or Windows

Single \$149 #DBL001

ICD/CPT Versions: Builds on the features found in the ICD version by adding the AMA CPT codes and provides links between CPT codes and corresponding ICD codes. Easily lets you build your own links.

Specify Macintosh or Windows

Single \$249 #DBL002

ICD/CPT/HCPCS Version: Same as above plus HCFA HCPCS codes.

Specify Macintosh or Windows

Single \$299 #DBL003



## Cardiac Arrest CD-ROM

A simulator like no other! *Cardiac Arrest* cast you in the role of emergency physician. The patient's history is presented and the resuscitation effort begins. You read the ECG on the computer screen, interpret the vital signs and laboratory data, and give treatment orders. There are 45 patient data files and each patient behaves differently every time resuscitation is attempted.

Windows Only

Single \$89 #MAD001 Institutional \$498 #MAD002

## Code Team

This ACLS training system is used world-wide by EMT's paramedics, respiratory therapists, nurses and physicians. *Code Team* is three programs:

- Cardio Quiz, which covers ALS topics in 10 self teaching quizzes. The program covers airway management, IV techniques, cardiac drugs, case management priorities, Basic Life Support review and more.
- EKG Teaching program teaches rhythm strip interpretation with tutorials and quizzes. It covers normal and abnormal ECG parts and rhythms, with pathology pattern and recognition such as hypercalcemia, hyperkalemia, and hypothermia.
- ACLS Protocols teaches you to apply the American Heart Association's arrhythmia treatment algorithms to clinical situations. The program allows you to select from multiple scenarios, then manage the patient by interpreting the on screen data and ECGs while entering treatment orders.

Windows Only

Single \$79 #MAD003 Institutional \$398 #MAD004

## ACLS Teaching Series

Includes: Cardiac Arrest and Code Team

Single \$129 #MAD005 Institutional \$498 #MAD006

## Trauma One

Solidifies your approach to the trauma victim. It teaches therapeutic priorities, threshold for action, and completeness of workup.

*Trauma One* presents a trauma victim and you begin management. Undertake stabilization measures, obtain historical and physical exam information, order tests, and perform procedures on your patient. See the interventions in the "trauma room" on your screen. Meanwhile the computer is out to get you. It's looking for weaknesses in your approach, one oversight and the computer will nail you.

Windows Only

12 Patients \$109 #MAD007 36 Patients \$139 #MAD008

Institutional \$498 #MAD009

## MicroEKG

*MicroEKG* starts with the basic: Cardiac anatomy, ECG theory, lead placement, wave-forms, and intervals. Next you'll learn rhythm strip interpretation. Learn possible meanings of abnormal wave forms, abnormal intervals and arrhythmias. Once you've mastered the basics, *MicroEKG* goes on to the 12 lead ECG. Through interactive tutorials and quizzes you'll learn to interpret ZRS axis, infarct diagnosis, infarct location, and infarct age. You'll learn the causes of ST depression. You'll master diagnosis of chamber enlargement or hypertrophy, acute and chronic pericarditis, ischemia, and much more.

Windows Only

Single \$89 #MAD010 Institutional \$498 #MAD011

## Chest Pain Simulator

Practice the workup, diagnosis, and treatment of chest pain patients with this "chest pain ER" trainer. *Chest Pain Simulator* teaches a rapid, safe, and thorough approach to chest pain. It includes history and exam, testing, differential diagnosis, and thrombolytic therapy.

Windows Only

Single \$99 #MAD012 Institutional \$498 #MAD013

## Blood Gases

This valuable training aid teaches some of the most difficult, yet most important material in medicine. Learn Aa gradient calculation and interpretation, beside acid-base balance interpretation bicarbonate dosage calculation and more. This program will even interpret blood gas values.

Windows Only

Single \$69 #MAD014 Institutional \$298 #MAD015

## EmergiMed CD

Includes all six training programs:

- Cardiac Arrest
- Code Team
- Chest Pain Simulator
- Trauma One
- MicroEKG
- Blood Gases

Windows Only \$298 #MAD016

Institutional \$1499 #MAD017



# CURRICULUM MODULES

*Med-Tech* is a comprehensive health occupations laboratory, it features instrumentation that enables the student to conduct hands-on measurements such as ECG's EEG's muscle potential, emotional response, audiograms and voice prints. Students explore scientific methods and the principles of wellness. "Hands on" activities with multimedia. This will allow Instructors and administrators to monitor student activity; record test results; and verify each student's level of understanding.

## Your Skin

- We're So Emotional-Stress Measurement
- The Skin's Sensors
- The Electrical Resistance of Your Skin
- Electricity and the Human Body
- Surface Voltages of the Skin
- The Skin, Our Protector
- Skin, Hair and Nail Care
- Skin and Oral Temperature
- Skin Disorders
- Diseases of the Skin

Module 1    \$1,350    #MED001

## Hearing, Speech & Oral Hygiene

- How Well Do You Hear?
- How Does the Ear Work?
- The Components of Soundwaves
- Hearing Problems and Diseases
- The Mechanics of Speech
- Speech Analysis and Voice Prints
- Speech Disorders
- Language & Language Disorders
- Oral Hygiene
- Dental Lab Procedures

Module 2    \$3,195    #MED002

## Scientific Methods

- Measure for Measure
- Chart, Graphs and Tables
- Reading Record Charts
- Computers at Work
- Scientific Methods I
- scientific Methods II
- Body Mechanics
- Safety Practices
- Introduction to Body Chemistry
- Health Statistics

Module 3    \$1,800    #MED003

## The Sense Of Sight

- How the Eyes Work
- The Movement Of the Eyes
- Types of Lenses
- How Well Do You See?
- Correcting Your Vision
- Cones and Rods
- Eye Protection and Safety
- Fiber Optics
- Solar Cells
- Diseases of the Eyes

Module 4    \$3,695    #MED004

## Muscles, Bones and Nerves

- Our Muscles, Sports and Fitness
- Get in Shape, Part I
- Get in Shape, Part II
- Remember Your Muscles
- Blood Pressure and Exercise
- Muscle Power
- Nerve Conduction
- Bones: The Skeletal System
- Bone and Joint Disorders
- Biomechanics

Module 5    \$3,850    #MED005

## The Electrical Activity of the Heart

- The Anatomy & Physiology of the Heart, I
- The Anatomy & Physiology of the Heart, II
- Electrical Conduction
- The Electrocardiogram (ECG/EKG)
- ECG Preparation
- Recording Your Own ECG
- The ECG Cycle
- Disorders (Arrhythmias) of the Heart
- ECG Telemetry
- The Pacemaker and Defibrillator

Module 6    \$5,720    #MED006

## Circulation

- The Anatomy & Physiology of the Heart, I
- The Anatomy & Physiology of the Heart, II
- Your Heart as a Pump
- Blood Circulation, The Systemic System
- Blood Composition-Its Components
- Blood Typing
- Blood Pressure Measurement
- Computerized Blood Pressure
- The Lymphatic System
- Blood Diseases & Bloodborne Pathogens

Module 7    \$3,720    #MED007

## Internal Organs

- Respiratory Rate
- Your Lungs at Work
- Respiratory Diseases
- The Kidneys
- The Liver
- The Gall Bladder and Pancreas
- The Digestive System
- Water and Electrolytes-Body Fluids
- The Endocrine Glands
- Diabetes

Module 8    \$2,450    #MED008



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## The Brain and its Waves

The Structure of the Brain  
The Brain Stem and Spinal Cord  
Preparing for an EEG  
Performing an EEG  
Responses to an EEG  
The Autonomic Nervous System  
Computing Brain Frequency on the Computer  
Finding the Alpha and Theta Rhythms  
Where are Vision, Hearing and Movement Recorded?  
Training the Brain and Body to Relax

Module 9 \$3,280 #MED009

## Nutrition, Taste and Smell

How Healthy is Your Body?  
The Sense of Smell  
The Sense of Taste  
Nutrition  
Do Calories Count  
Food Labels  
Vitamin and Mineral Supplements  
Electric Energy from Food  
Diets and Meal Planning  
Eating Disorders

Module 10 \$2,150 #MED010

## Professional Communications

Observational Skills  
Written Communications  
Presentation Skills  
Telephone Skills  
Patient and Staff Communications  
Grief Counseling  
Employability Skills  
Job Applications and Resumes  
Job Interview Skills  
Using Medical Terminology

Module 11 \$1,600 #MED011

## Health Care Systems and Health Occupations

Introduction to Health Occupations I  
Introduction to Health Occupations II  
History Milestones in Health Care  
Health Care Delivery Systems  
Legal and Ethical Issues  
Ages and Stages-Human Needs  
Community Resources  
Current Health Hazards  
Future Trends in Health Care

Module 12 \$1,600 #MED012

## Forensic Science and DNA

Finding the Thief  
The Voice Print  
Fingerprinting  
The Polygraph  
The Charges of Atoms and Molecules  
Electrophoresis Preparation  
Electrophoresis Procedures  
DNA Structure and Fingerprinting  
DNA Spooling  
Histology, Cells, and Tissues

Module 13 \$4,500 #MED013

## Well, Well, Wellness

Infection and Disease Invasion  
How Do Diseases Spread?  
Barriers to Infection and Prevention  
Pain Drugs and their Effects  
First Aid  
Mental Health  
Sexually Transmitted Diseases  
Sleep Disorders  
Your Health History  
CPR and Heimlich Maneuver

Module 14 \$1,950 #MED014

## Personal Growth & Development

We're all Different  
Self-Esteem  
Stress Management I  
Stress Management 2  
Goal-Setting  
Decision-Making  
Conflict Resolution  
Smoking and its Effects  
Substance Abuse  
Family and Personal Communications

Module 15 \$1,650 #MED015

## Environmental Health

Ecology  
Layers of the Atmosphere  
The Ozone Layer  
Water Testing  
Acid Rain  
Recycling Waste  
Lead Poisoning  
Toxicology  
The Magic Of Magnets  
The Effects of Magnetic Energy on Plants

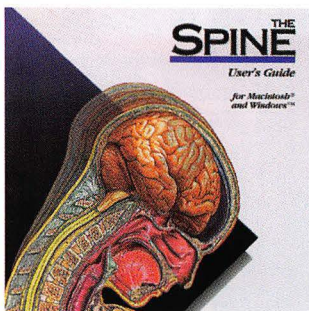
Module 16 \$1,550 #MED016

Total Med-Tech Program \$44,065 #MED017

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# For the Student



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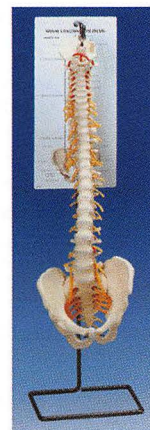
**Spine Model** - A full size model of the Spine, features occipital bone, cervical vertebral artery, full spinal nerve and soft discs with herniated disc at L3-L4. Spine fully articulates. Stand Included. (10" x 10" x 32")

**A.D.A.M.'s Spine** - A full color CD-ROM packed with animations of Spine anatomy, injury and surgery. Categories include Spinal Anatomy, Spinal Injury, Spinal Surgery (see page 4 for detailed description).

Mac/Win Hybrid CD-ROM\*

Student Bundle \$249 #STU001

\*Or VHS video cassette

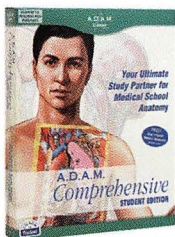
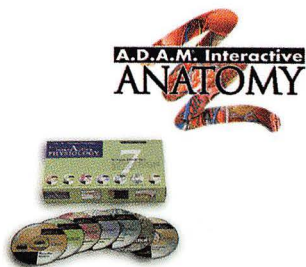


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Student \$49 #STU003

## A.D.A.M. The Inside Story

See page 5 for detailed description.

Specify Macintosh or Windows

Student \$29 #STU004

## A.D.A.M. Anatomy Practice

See page 3 for detailed description

Mac/Win Hybrid CD-ROM

Student \$49 #STU005

## A.D.A.M. Practice Practical

See page 1 for detailed description

Mac/Win Hybrid CD-ROM

Student \$49 #STU006

## A.D.A.M. Interactive Physiology (7CDs)

See page 2 for detailed description

Mac/Win Hybrid CD-ROM

Student \$149 #STU007

## A.D.A.M. Interactive Anatomy

See page 1 for detailed description

Mac/Win Hybrid CD-ROM

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## Electronic Companions Series

All of Cogito's Electronic Companions are offered to the student. See pages 7-8 for detailed descriptions.

Mac/Win Hybrid CD-ROM

Student \$34 (each) #STU009



# For the Student

## Interactive Skeleton

The Student Edition contains full 3D models, all accompanying images (such as dissection), the computer text, sound and quiz. See page 12 for full detailed description.

Mac/Win Hybrid CD-ROM

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Student Edition - Spanish \$25 #STU011

Student Edition - German \$25 #STU012

## SimBioSys Student Clinics

It is similar to the full version but has limitations including six patient cases. In addition, echocardiograms, xrays, the flow sheet, and 12 lead ECGs are not supported. CME credit is not available. (see page 10)

Specify Macintosh or Windows

Student \$79 #STU013

## SimBioSys Student Physiology Labs

Is similar to the full version but less flexibility. Viewers, desktops, cases, and exercises cannot be created. There are six patient cases. Additionally, echocardiograms, x-rays, the flow sheet, and 12 lead ECGs are not supported. (see page 10)

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Student \$99 #STU014

## Patient Care Skills

See page 16 for a detailed description.

Windows Only

Student \$60 #STU015

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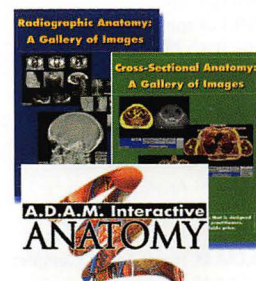
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## A.D.A.M. Nine Month Miracle

See page 5 for a detailed description.

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## A.D.A.M. Life Greatest Mystery

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Student \$29 #STU022

## Interactive First Aid

See page 17 for a detailed description

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