

# Testimonials

## Cyber-Anatomy

"Cyber-Anatomy has all of the anatomical detail needed to make it a powerful reference for students learning anatomy. The three-dimensional presentation and mobility of each structure create an open, freely-moving, virtual dissection experience that draws students in, always providing an accurate sense of the spatial relationships between anatomical structures. The ability to create and edit modules presenting only select structures and systems creates a 'sandbox'-like tool that anatomy teachers everywhere will find invaluable in creating their own 3-D presentations for use in the classroom. With exquisite control of each structure and level of detail, the anatomy teacher no longer needs to rely on using multiple 2-D images which each only show one aspect of a body region. Cyber-Anatomy takes virtual anatomy to a whole new level, providing unique opportunities for students and faculty alike."

Darren S. Hoffmann, Ph.D. Lecturer, Department of Anatomy and Cell Biology  
University of Iowa Carver College of Medicine  
Iowa City, IA, USA

"As a professor of anatomy for over 33 years a program of this quality is long overdue! Cyber-Anatomy has the potential to significantly impact student learning of human anatomy in a significant and positive way. Students that have seen the program state that Cyber-Anatomy would have made the laboratory component of their course significantly easier."

Robert B. Tallitsch, Ph.D.  
Professor of Biology  
Augustana College  
Rock Island, IL, USA  
Author of *Human Anatomy*, Fourth Edition, by Martini, F.H., Timmons, M.J., and Tallitsch, B., Pearson Publishing.

### Who can use it?

- Educators
- Students
- Physicians
- Medical Students
- Residents
- Biology students
- Physiology students
- Anatomy students
- Biomedical engineering
- Exercise science
- Physical therapy
- Dental
- Chiropractics
- Pharma
- Allied Health
- Nursing
- Researchers


### Partnership with Elsevier

Proudly partnered with Elsevier  
The publishers of the gold standards: Gray's Anatomy  
and Netter Anatomy

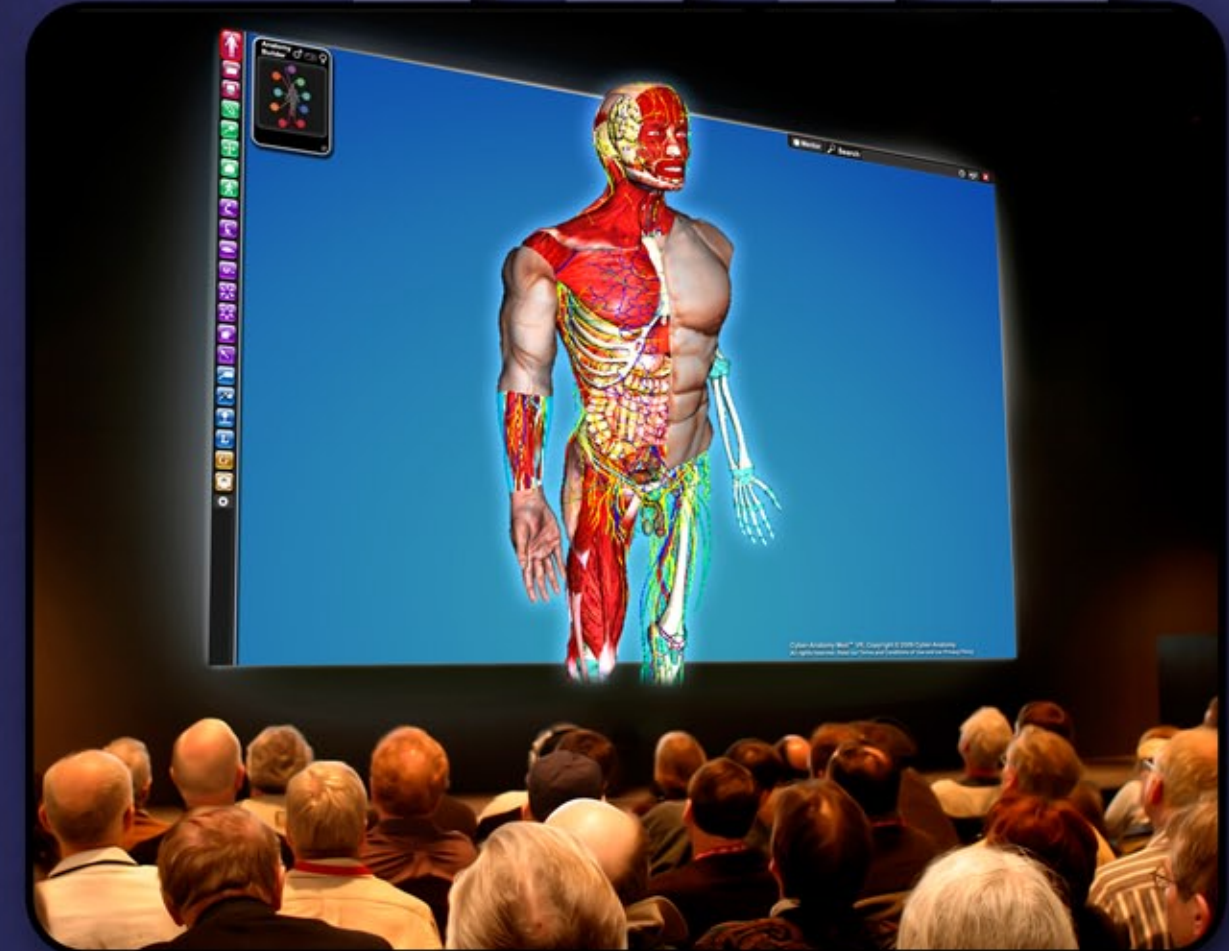


### Software licensing

In addition the Cyber-Anatomy Med VR™, the software is available for licensing on servers, computers (PC and MAC). Software subscription allows each student to study independently, interact in real time and learn on their own desktop

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*Cyber-Anatomy is the most advanced and most accurate true-3D interactive system for anatomy instruction*



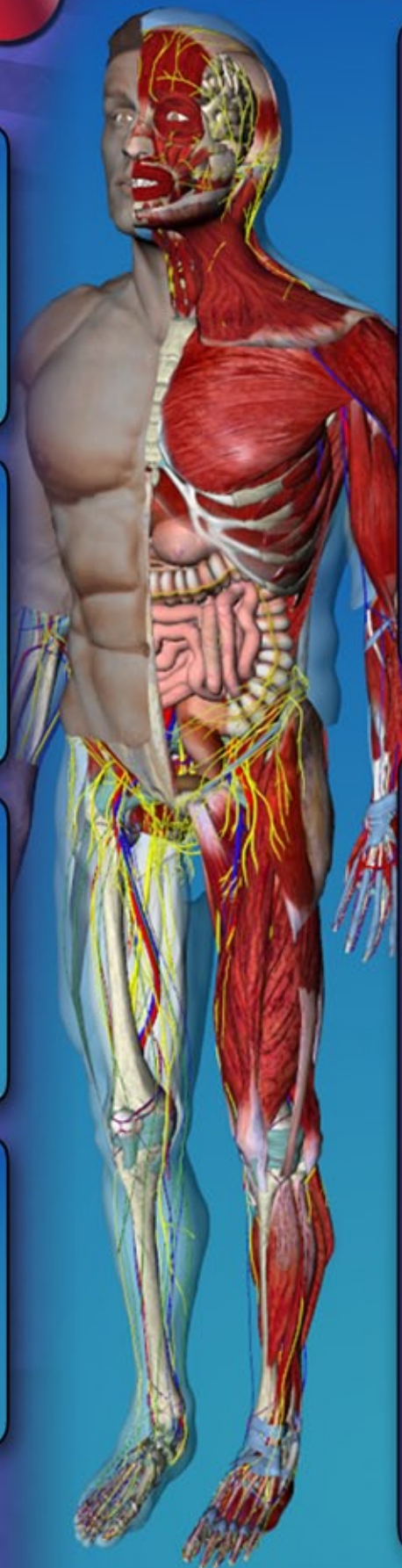
# CYBER-ANATOMY

## Cyber-Anatomy Med VR™



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## Cyber-Anatomy Med VR™



### What is it?

Cyber-Anatomy Med VR™ is an advanced virtual reality turnkey system for learning anatomy. It offers 3D immersive stereographics technology that allows a user to visualize and to interact with complex anatomy through an intuitive and easy approach while in 3D. This is a turnkey solution.

Cyber-Anatomy Med VR™ is an advanced virtual reality turnkey system for learning anatomy. It offers 3D immersive technology that allows a user to visualize and interact with complex anatomy through an intuitive and easy approach. This is a solution to answering the world's cadaver supply problems. The revolutionary system is comprised of an all-in-one box system and active 3D glasses that allow the user to set up in a matter of seconds. Educators and students are then able to dissect and manipulate anatomical structures while fully immersed in virtual reality. Cyber-Anatomy Med VR™ was developed by using the latest technological advancements adopted from gaming and graphics and by medical imaging and modeling methods that have only become available in recent years. The combined expertise of engineering simulation, programming, and medical imaging have rendered Cyber-Anatomy's products fundamentally unique in the market.

### Cyber-Anatomy Med VR™ System Summary

Setup time: 5 minutes

Manpower: 1 instructor, all students see 3D

Weight of box: less than 35 lbs

Packaging: One portable box and peripherals

Screen: Use any screen...white wall will work

Eyewear: Active LCD shutter glasses



### Anatomical accuracy

Cyber-Anatomy 3D models are medically accurate and present the latest in technological advancement. Two anatomists and a medical doctor have worked over the past 5 years to insure medical accuracy.

### Anatomy Systems Modeled

1. The skeleton
2. Joints
3. Ligaments
4. Muscular system and tissue
5. Nervous system and tissue
6. The brain
7. Endocrine System
8. Cardiovascular System: The Heart
9. Cardiovascular System: Blood Vessels
10. Lymphatic System
11. Respiratory System
12. Digestive System
13. Urinary System
14. Reproductive Systems (male and female)
15. Muscles insertions and origins

### Key Differentiators

#### Interactive in 3D

Using various camera functions such as zoom, rotate, pan, and walk, the user is able to examine and manipulate the scene. The most significant aspect of the system's functionality is the ability to Peel anatomical structures (stripping of structures) in order to unravel other details. Other functions such as Hide, Unhide, Stick, Explode, Implode, and Transparent provide extensive functionality and ease of use.

#### Labels

There are over 8,000 detailed anatomical labels in this system. Based on a well known standard called Anatomica Terminologia, the Cyber-Anatomy software provides a powerful and rich database of anatomical labels and landmarks.

#### Searching

Searching within Cyber-Anatomy is a powerful functionality because of the amount of assets managed by the internal database. A search may yield CT/MR images, illustrations, anatomical objects and landmarks.

#### CT/MR Imaging

With 10 sets of over 750 CT/MR scans located in the appropriate positioning of the body, a user is able to browse through the various scans and learn the correct interpretation and relation with respect to the body. Health professional are typically presented with various modalities of imaging and it is only reasonable to learn in that manner as well.

#### Visible Human cross-sections

Over 1800 cryosection (cross-section) images of representative male are provided for correlation to the 3D anatomy. These sectional images are courtesy of the US National Institute of Health.

#### Gray's Images in 3D

The system is equipped with over 120 images and illustrations of the most difficult concepts to better understand. These images are licensed from Elsevier Gray's Anatomy and considered to be the highest level of detail and clarity. The images are labeled and can be searched from the overall database similar to any other label in the system.

