

Introducing BioDigital Human and new  
partnership with the NEJM Group



Wolters Kluwer

# BioDigital



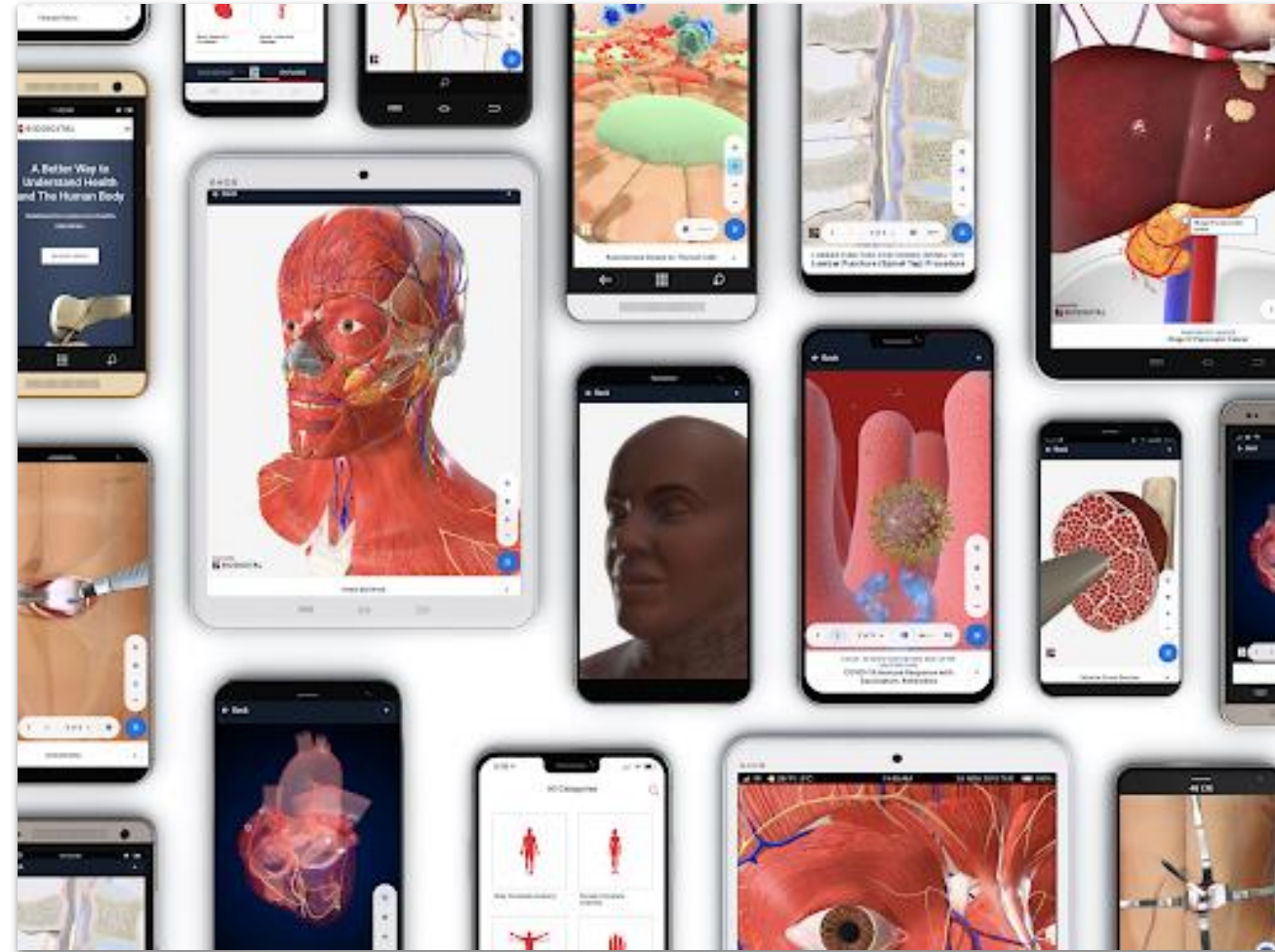
**The BioDigital Human** platform is a medically accurate, virtual map of the human body—composed of 8,000+ individually selectable anatomical structures, 600+ simulated health conditions and treatments, and a powerful toolkit to map, visualize and share 3D models.

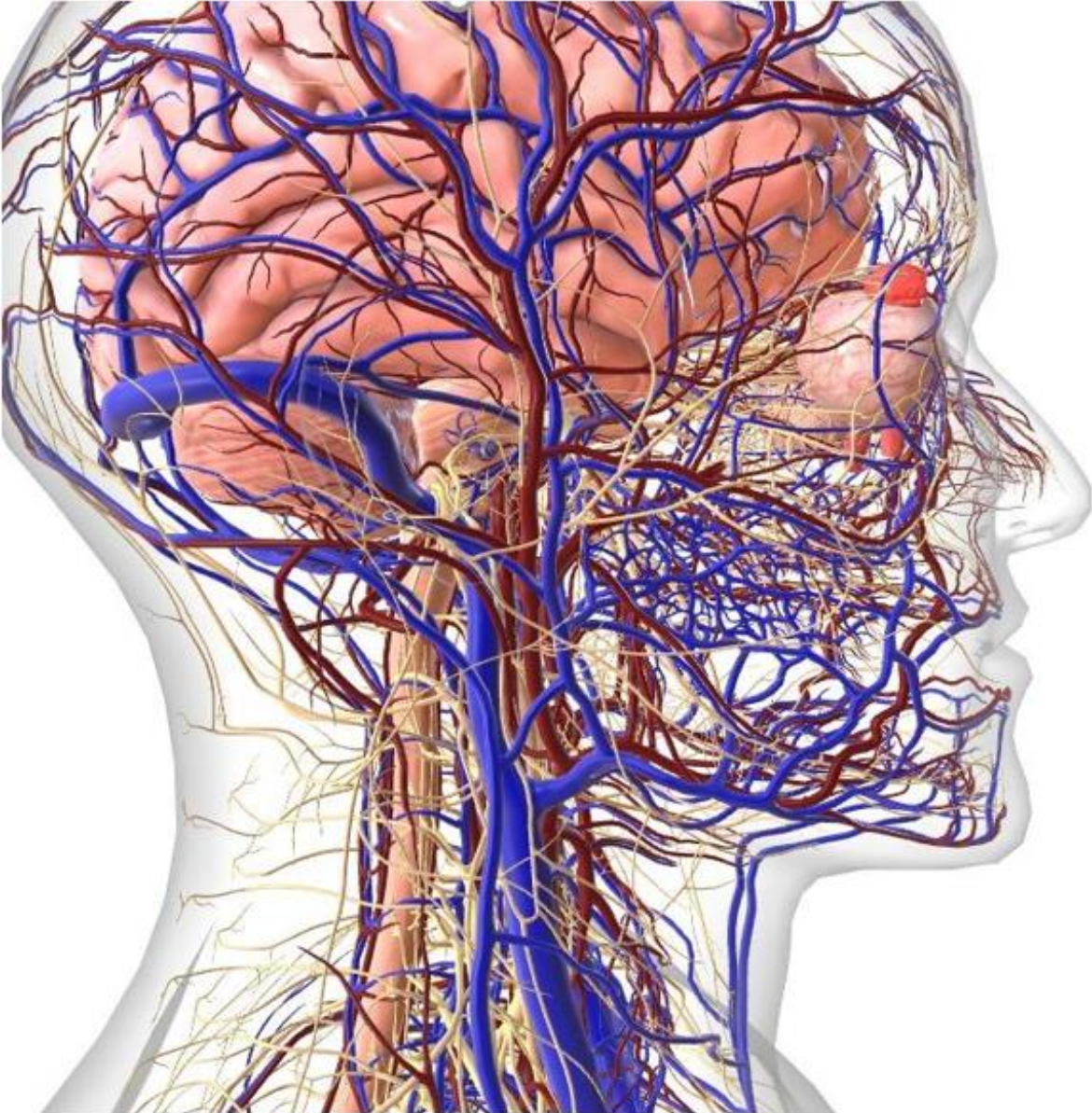
This fully embeddable, cloud-based software is available in eight languages, on any phone, laptop, computer or in AR/VR for use within any educational or clinical workflow.

# BioDigital

## Includes:

- Medically accurate full male and female anatomy models composed of over 8,000 individually selectable objects
- 600+ disease and treatment 3D models to explore, including procedure animations
- Easy LMS integration to support faculty and course learning objectives
- Over 500 quiz questions
- An authoring tool that allows users to adapt, create, animate and assign images (*available only with subscription*)





## Why BioDigital?

**Level up faculty resources** with access to 3D models that can be customized to meet learning objectives and create interactive assessments.

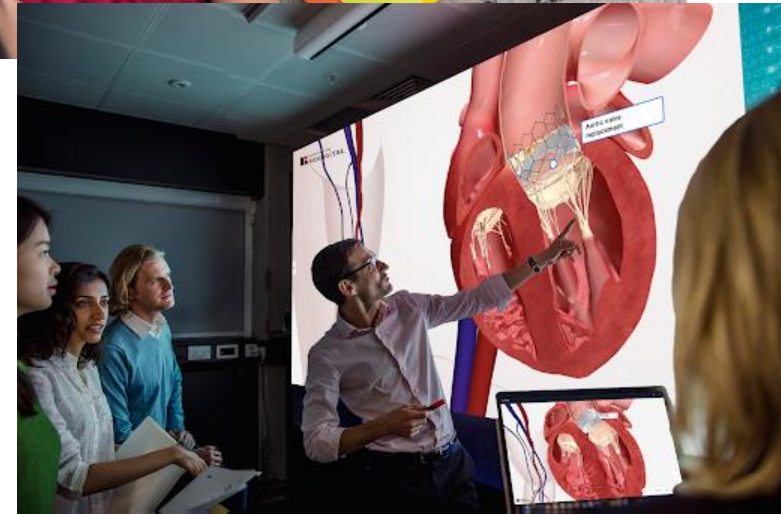
**Improve student learning outcomes** through active learning with interactive 3D that provides an ideal self-study experience, allowing students to peel away layers, rotate models, zoom, fade, and test their knowledge with 3D quizzes.

**Enhance course materials** by embedding innovative experiences you create with Human Studio, our suite of authoring tools, within your learning management systems, e-learning materials, online courses, and more.

# BioDigital

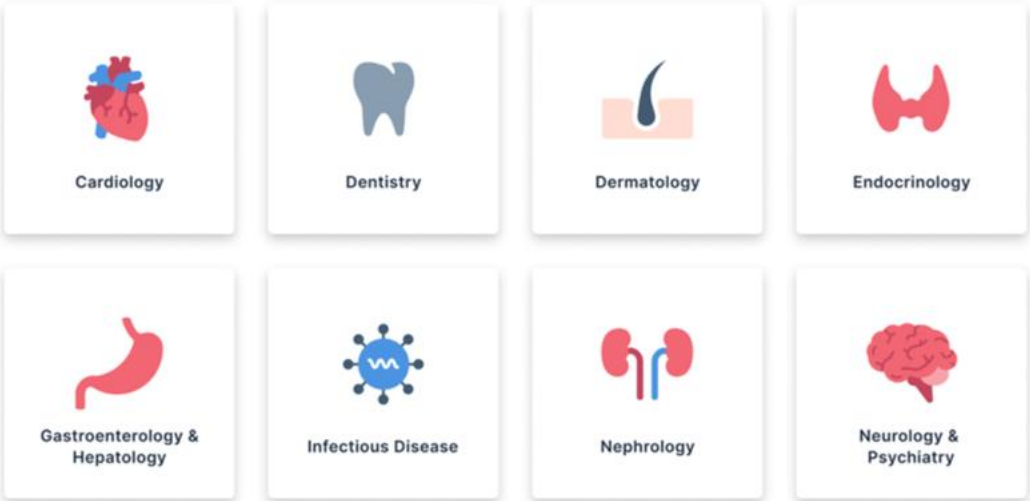
## How it works:

- Interact with 3D models, including 700+ 3D anatomy, disease and treatment models
- Use pre-built models, customize them, or create quizzes
- Save models to your library and organize them into collections
- Use the content within the web or mobile apps or add directly to your online materials
- Engage your students and improve learning outcomes with interactive 3D



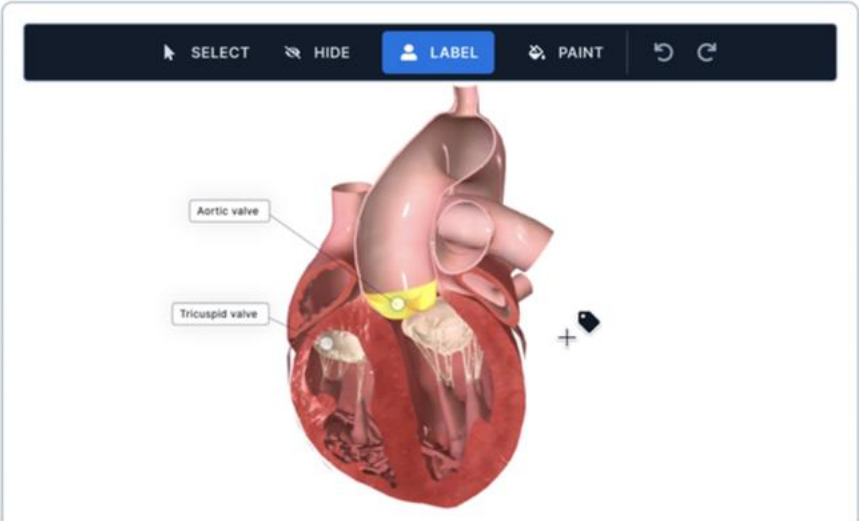
## EXPLORE

Browse our digital library for 3D models to complement your curriculum.



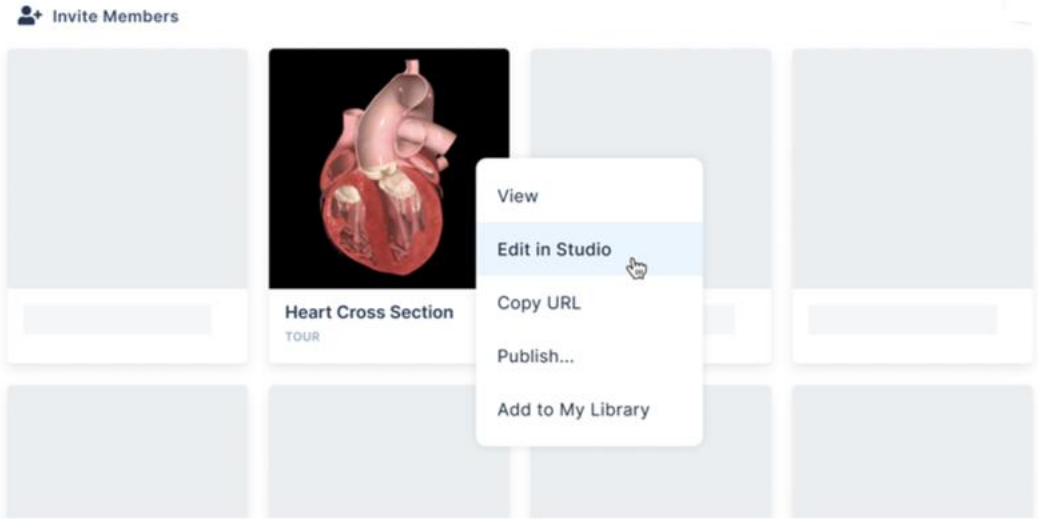
## CUSTOMIZE

Use our authoring tools to create 3D views tailored to your educational goals.



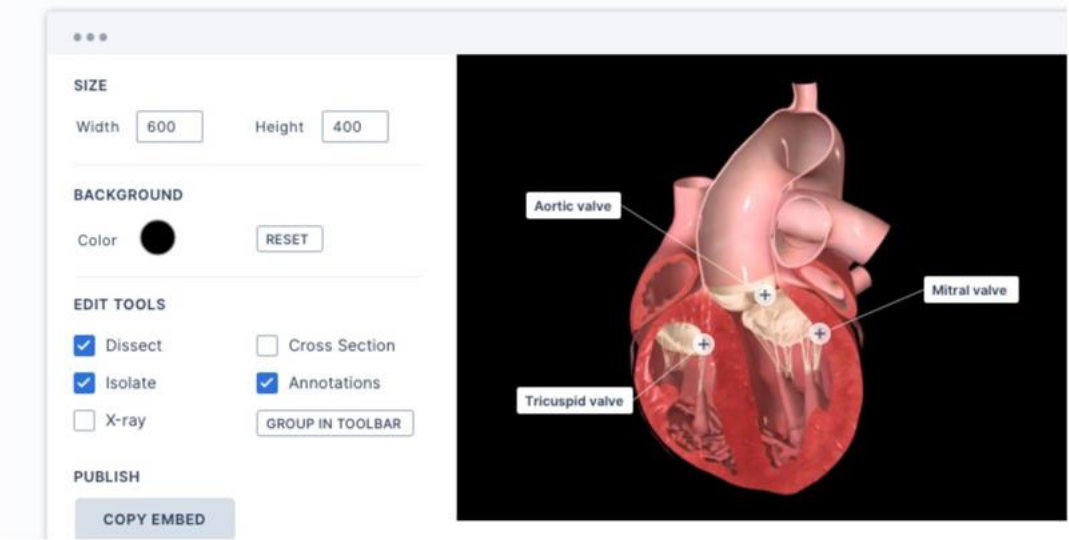
## COLLABORATE

Share your saved 3D views with your team from a central Library.



## INTEGRATE

Publish your interactive 3D model and drop into your digital content.



- Choose from hundreds of anatomy questions or design your own 3D quizzes tailored to your learning objectives.

**Quiz**  
QUESTION 1 OF 4

Identify the structure(s):

- Iliac crest
- Erector spinae muscles
- Median sacral crest
- Posterior superior iliac spine

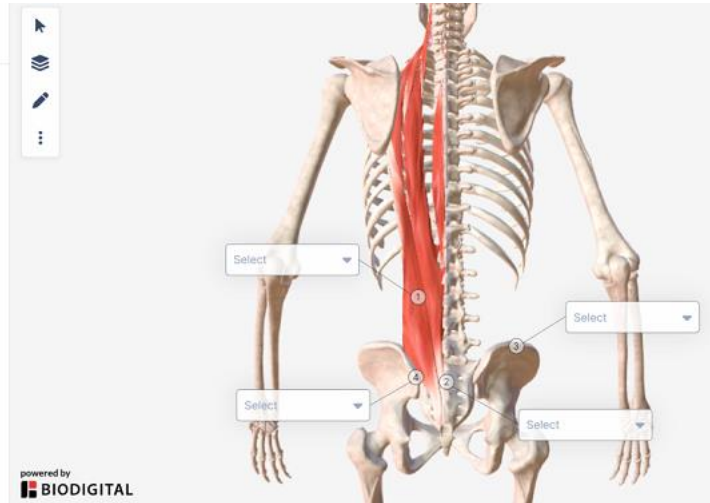
1 Select

2 Select  
Erector spinae muscles  
Iliac crest  
Median sacral crest  
Posterior superior iliac spine (PSIS)

3 Select

4 Select

Submit



Heart: Coro... VIEW & QUIZ

SELECT HIDE LABEL PAINT QUIZ

CHAPTERS ANATOMY

Auto-capture starting position

**Heart: Coronal Cross Section**  
The heart is a muscular organ located in the ...

**Aortic Valve**  
The aortic valve is between the left ventricl...

**Normal Aortic Valve Function**  
When the ventricle contracts, oxygenated bloo...

Quiz ACTIVE

1 In this lateral view of the right side of the heart, locate the feature mentione...

2 Identify the structure(s):

3 Identify the structure(s):

ADD A QUESTION

Multiple Choice  
Select Anatomy in 3D  
Label Anatomy  
Instructions

PREVIEW SAVE

[Home | BioDigital Human Platform](#)



# BioDigital XR

Experience the BioDigital Human in extended reality for the best immersive experience in anatomy education.

# BioDigital XR Launch

THE WALL STREET JOURNAL.

English Edition | Print Edition | Video | Podcasts | Latest Headlines | More

WSJ

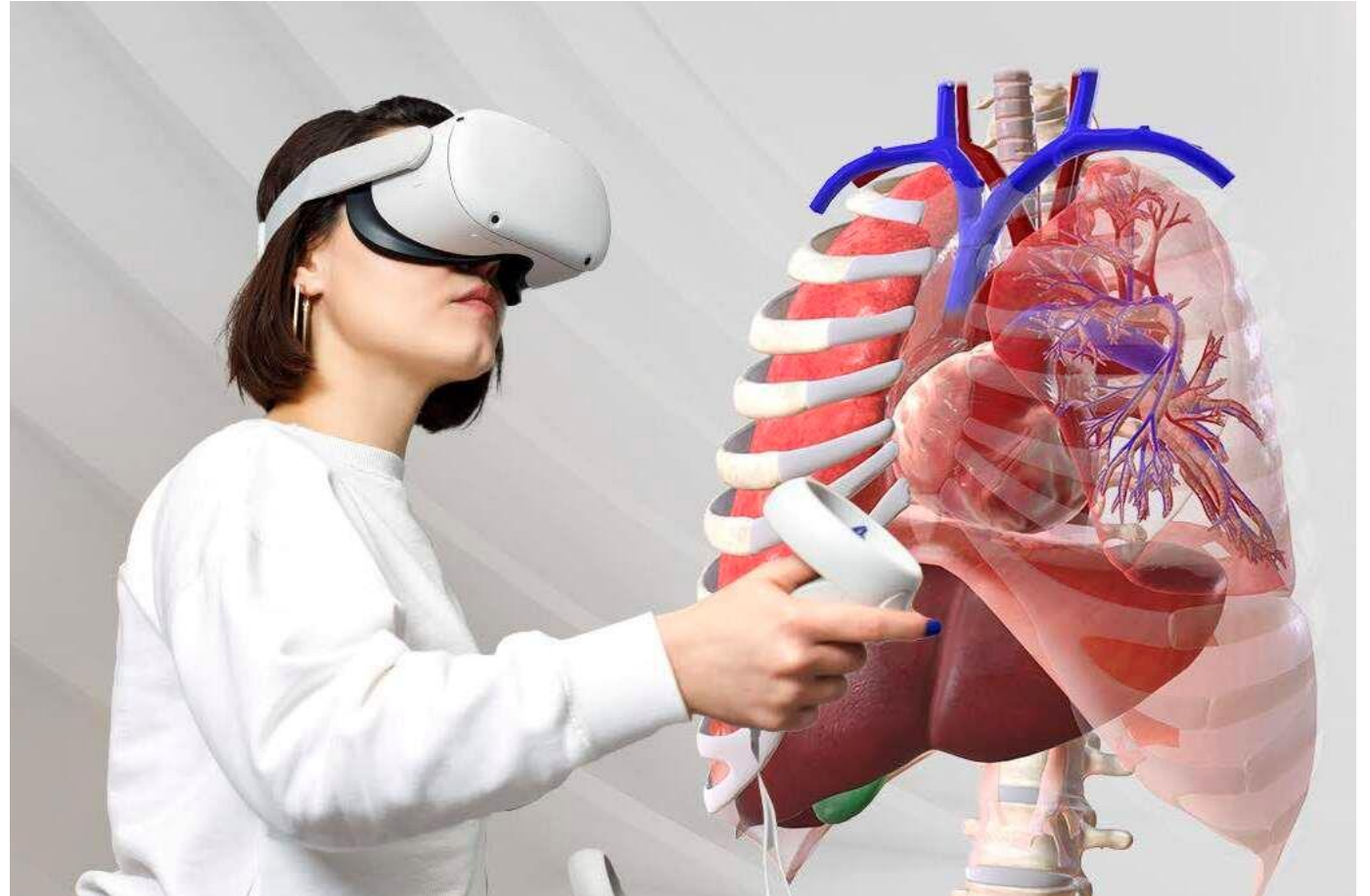
## Students enter the metaverse as Wolters Kluwer & BioDigital launch extended reality anatomy

Dec. 15, 2022 9:35 am ET

SHARE TEXT

Wolters Kluwer expands its collaboration with BioDigital to transform medical education with immersive solutions

WALTHAM, Mass.--(BUSINESS WIRE)--December 15, 2022-- Wolters Kluwer, Health, a leading global provider of information and point of care solutions for the healthcare industry has announced the integration of BioDigital XR with Wolters Kluwer Medical Education & Medical Practice expansion. This collaboration will bring extended reality (XR) based medical education solutions to students across the healthcare landscape to enhance their learning curriculum, providing an immersive, safe-to-fail environment with both virtual reality (VR) and augmented reality (AR) solutions.



# BioDigital Human VR



## The Most Complete 3D Anatomy Models

Interact with 3D anatomy from the world's largest library of immersive anatomy, disease and treatment models, including complete male and female anatomy, regional anatomy, and systems anatomy.



## Robust, Intuitive VR Experience

Access a robust set of interaction tools from a central, movable podium—move and scale the body and individual structures, hide structures, and learn more through labels.



## Spatial Visualization Tools

Use the controllers or your own hands to manipulate anatomical structures, allowing you to simulate the real-world experience.



## Audio Narration

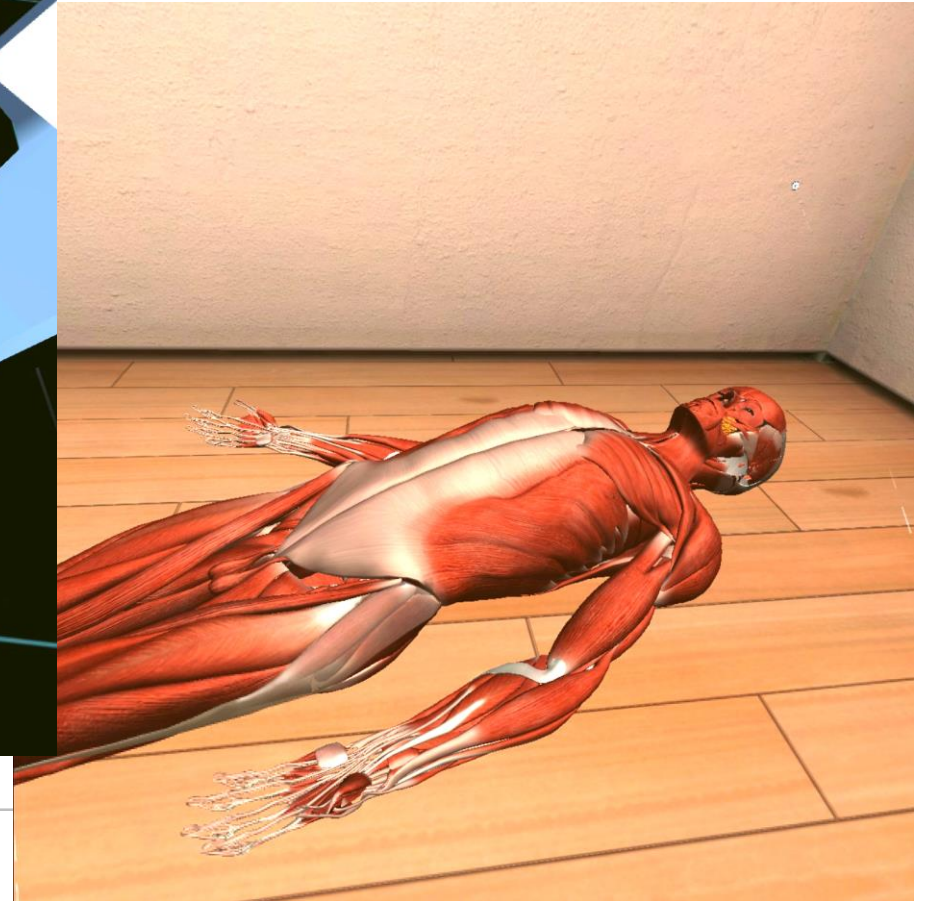
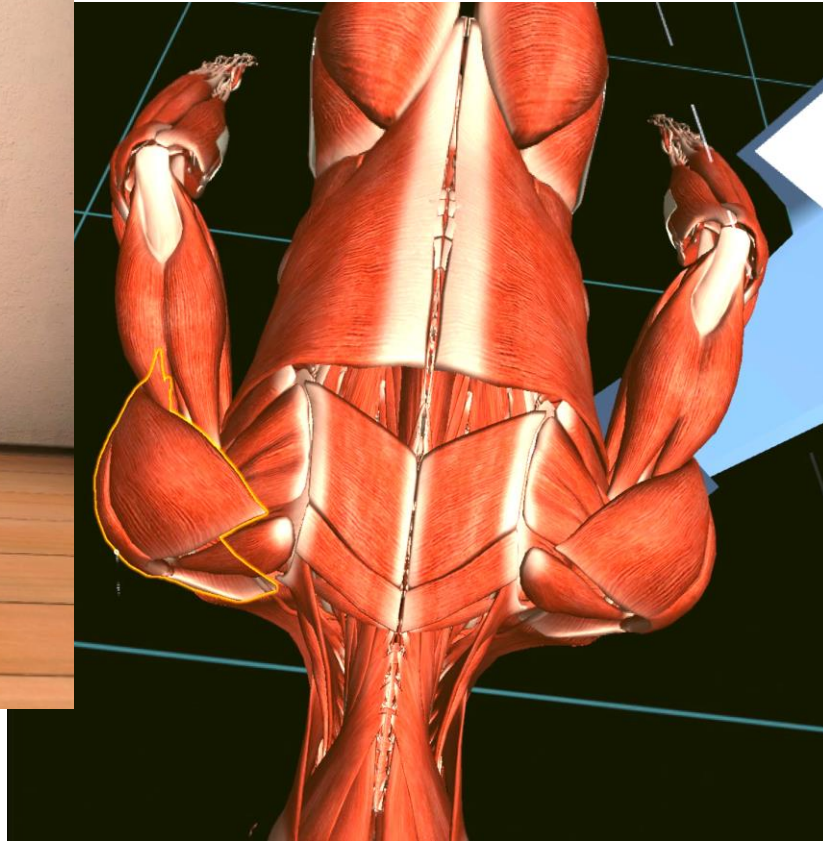
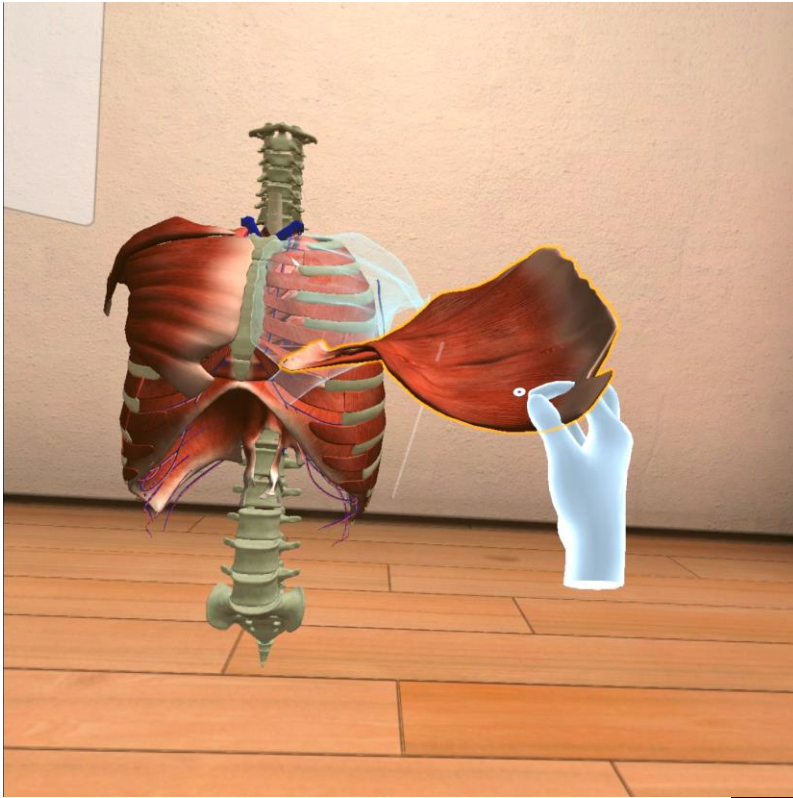
Enable optional text-to-speech narration on anatomical structure names and descriptions to facilitate more effective information recall.

# Why BioDigital VR?

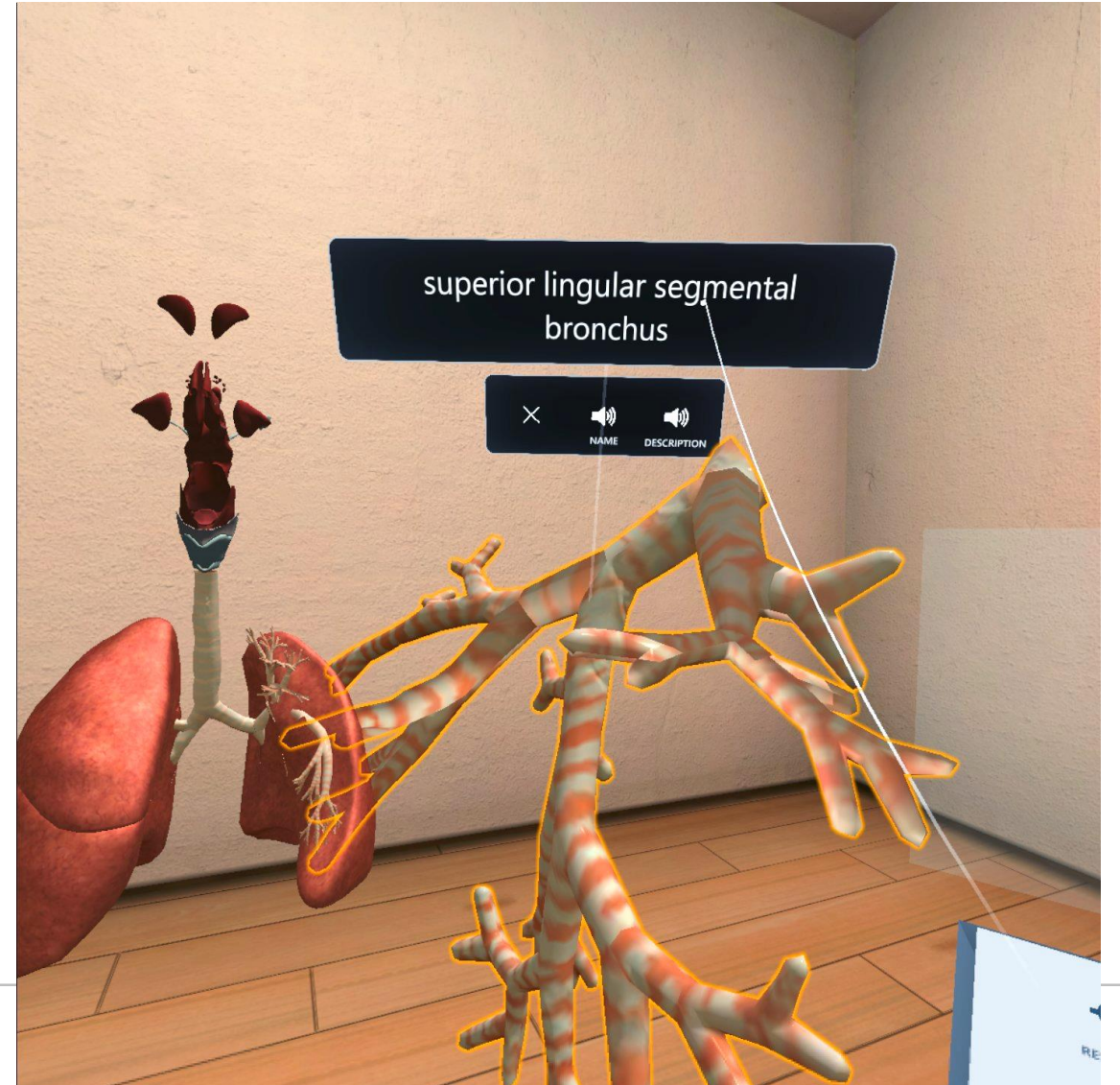
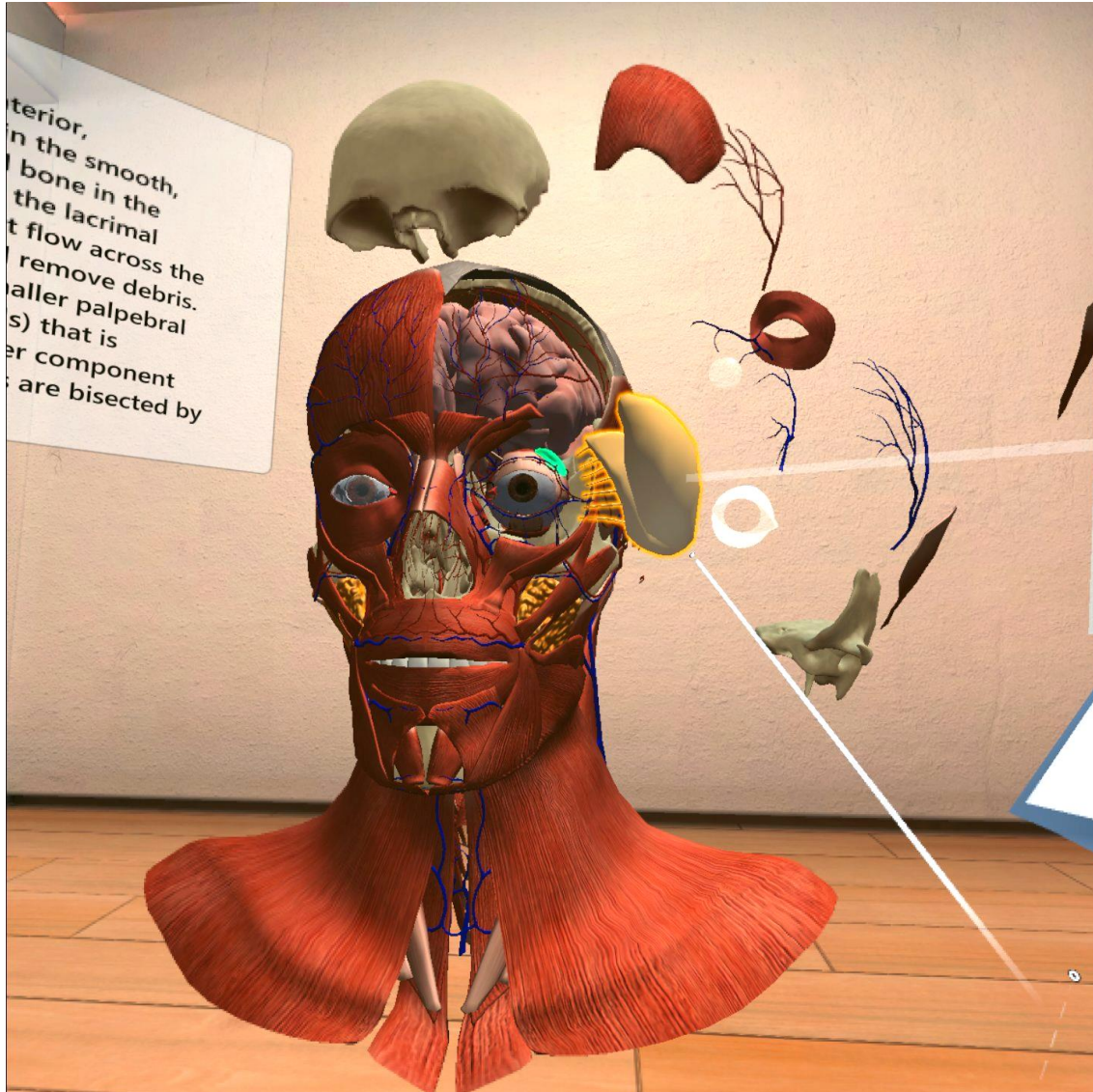
Virtual reality (VR) can be particularly helpful in anatomy education because it allows students to interact with and explore 3D models of the human body in a way that is both immersive and intuitive. Some of the specific benefits of using VR in anatomy education include:

1. Experiential, active hands-on learning
2. Enhanced engagement and retention
3. Improved understanding of spatial relationships

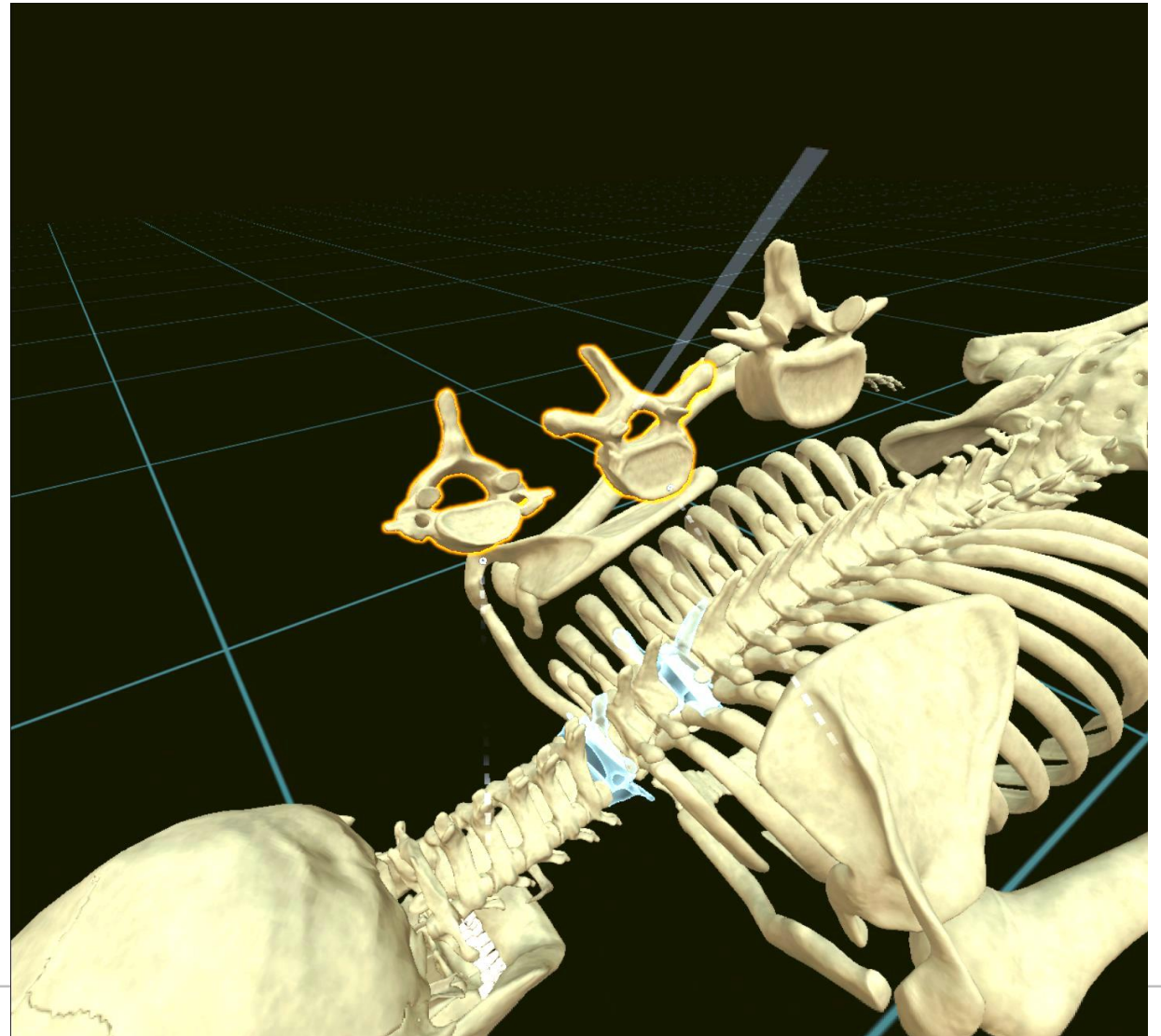
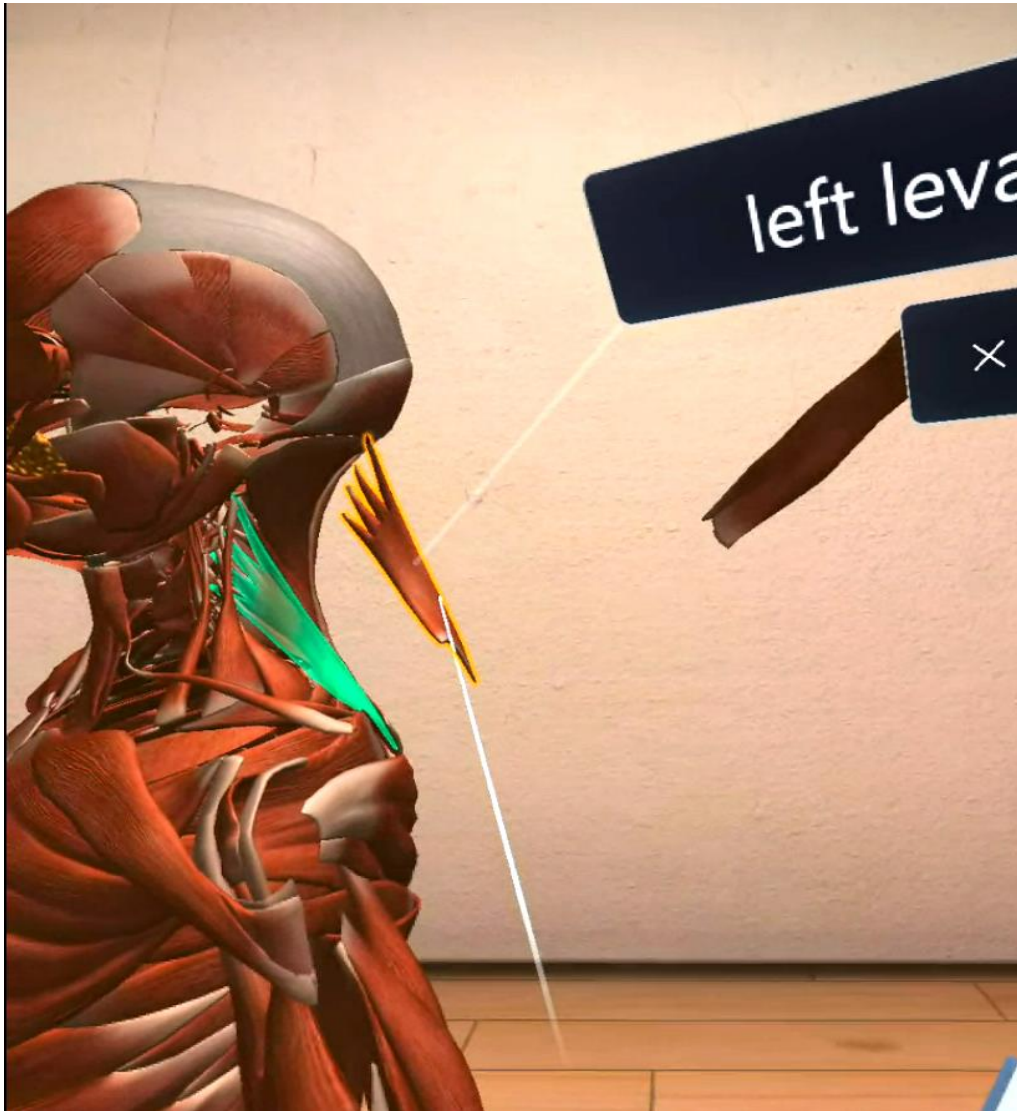
# Experiential, active hands-on learning



# Deeper engagement and retention



# Improved understanding of spatial relationships



# BioDigital VR Demo

<https://www.youtube.com/watch?v=5e72ElpxGDo>





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**GROUP**

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### *New England Journal of Medicine*

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### *NEJM Journal Watch*

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