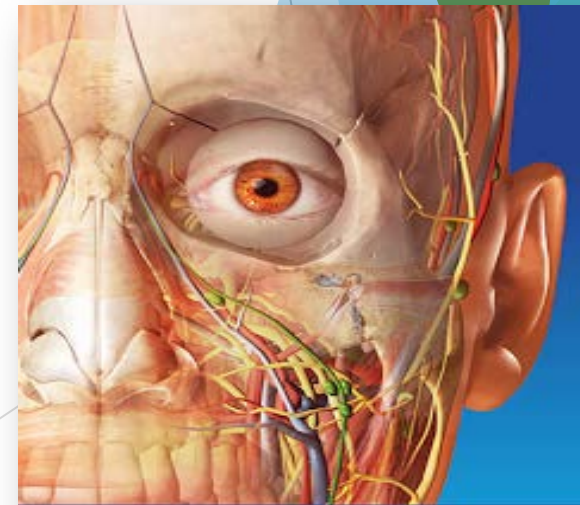


Questions & Answers (Part 1)

The Case for 3D Anatomy Software in Lecture and Lab

Dr. Blythe Nilson Answers All

Find out how she uses Visible Body's
interactive solutions in her classroom



VISIBLE BODY



Wolters Kluwer

Meet Dr. Blythe Nilson



**Associate Professor of Biology
University of British Columbia, Okanagan**

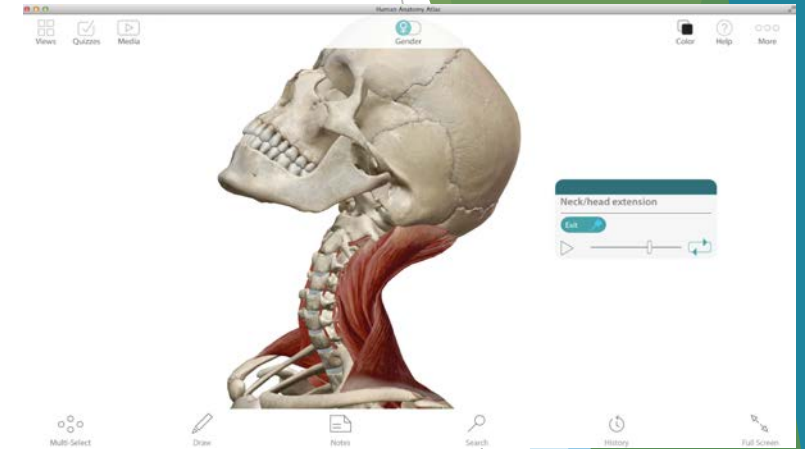
Blythe teaches Human Anatomy and Physiology for Nursing Students, Pathophysiology for Nursing Students and Biology for non-Science majors.

She has been using Visible Body's 3D anatomy software in her lecture and lab for many years.

Questions for Dr. Nilson

(Click links to navigate quickly)

- ▶ [Why did you choose Visible Body?](#)
- ▶ [How do you incorporate Visible Body into your curriculum?](#)
- ▶ [Have you incorporated this into testing or test preparation?](#)
- ▶ [Have you used it in a flipped classroom or with assignments?](#)
- ▶ [How do you use it in conjunction with/in place of a cadaver?](#)
- ▶ [Do all of your students access Visible Body?](#)
- ▶ [What feedback do you get from your students about Visible Body?](#)
- ▶ [Do your other colleagues use Visible Body?](#)
- ▶ [How impactful is using Visible Body in the classroom?](#)

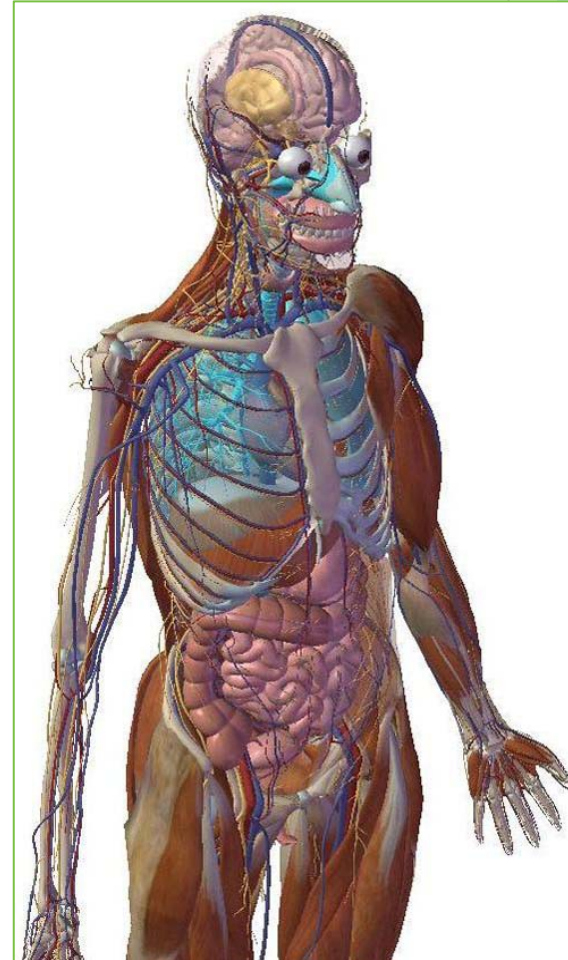


Q: I feel like there are so many solutions available, what is it that you like about Visible Body?

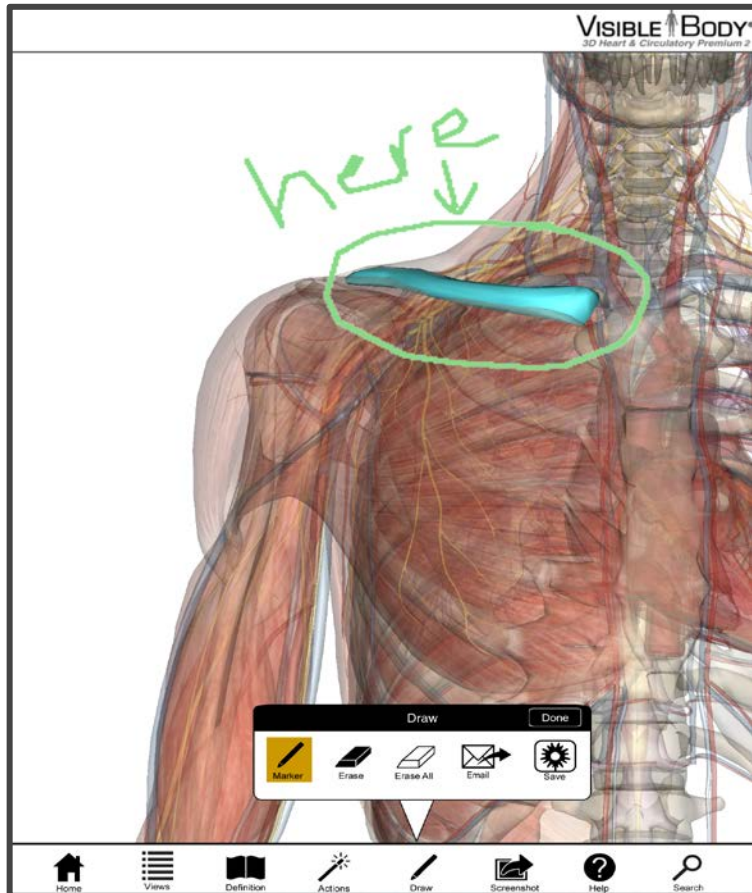
A: I just haven't found anything that even comes close to Visible Body!

- ▶ It's so beautiful, yet so finely detailed, and is the most medically accurate one I've tried.
- ▶ It's great for the classroom since it's really robust.
- ▶ It doesn't crash and it's still really smooth, even when I have a lot of other systems and data running.
- ▶ The students like all the little extras like the pronunciation guides and the definitions.
- ▶ It has so many deeply embedded details that you can zoom in and look at the little things and then zoom out and look at the big picture.

Click [here](#) to see it for yourself!



Q: How do you incorporate Visible Body Software into your curriculum?



A: I use it quite frequently in lecture.

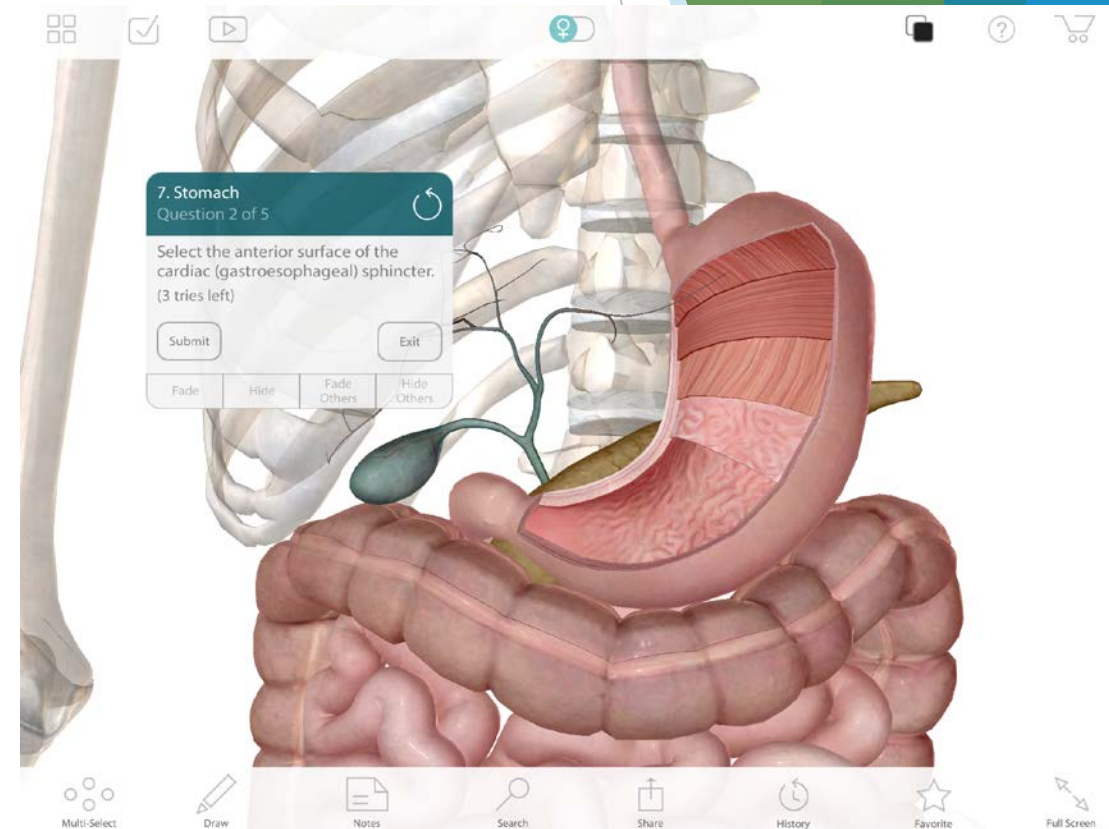
- ▶ Display the app side by side with my PPT Lecture
- ▶ Highlight areas they need to review
- ▶ Create custom views
- ▶ Match up curriculum of the day with different sections of the app that they can review later on

[Watch a video](#) on how Dr. Nilson teaches tough anatomy topics

Q: Have you incorporated this into testing or test preparation?

A: Yes, we have in the lab.

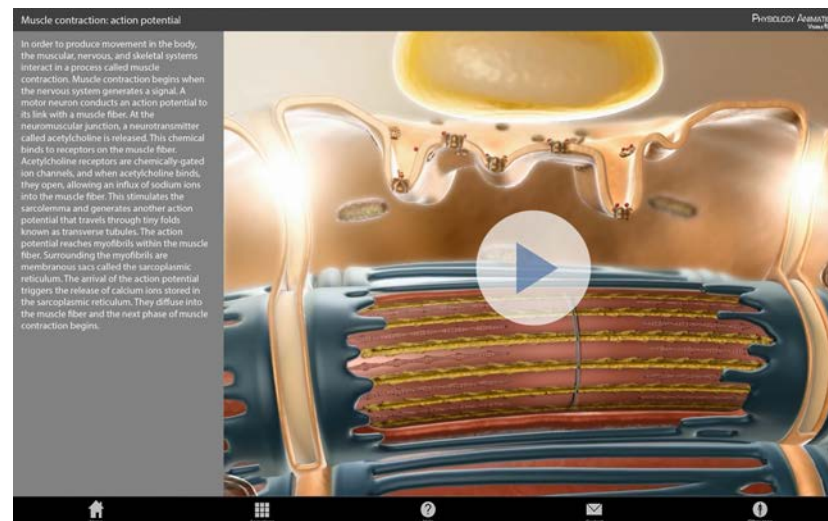
- ▶ Our iPads are set up across the room and our lab coordinators set up questions for the students every week.
- ▶ We ask them to use the iPad to:
 - ▶ Show the pathway of a blood vessel
 - ▶ Show us all the pivot joints in the body
 - ▶ And more!
- ▶ There many things you can do and there are embedded sets of questions in some of the products that we use as well.



Q: Have you or anyone else you know used this in a flipped classroom model yet/given assignments using Visible Body?

A: Yes, we sort of do a semi-flipped classroom, but use it mostly in lab.

- ▶ We assign about half of it at home - where they'll look at the animations on their own.
- ▶ When they come to class, I'll have lots of time for questions and we can stop the animations and view them in individual groups.
- ▶ In the lab, I like to set up custom views so they can highlight while looking at specific structures.



[Watch](#) how Dr. Nilson visually engages students with 3D animations

Q: Do you use Visible Body Software in conjunction with a cadaver, or are you using this in place of a cadaver

A: In first-year nursing biology and anatomy and physiology courses, we don't use cadavers. If we did, it would be a great companion for dissection

- ▶ For example, while dissecting the arm and looking at the ulnar nerve:
 - ▶ I would use Visible Body to see the whole nerve, the path and all its branches.
 - ▶ It would help guide further dissections, or explore the nerve in relation to other structures.



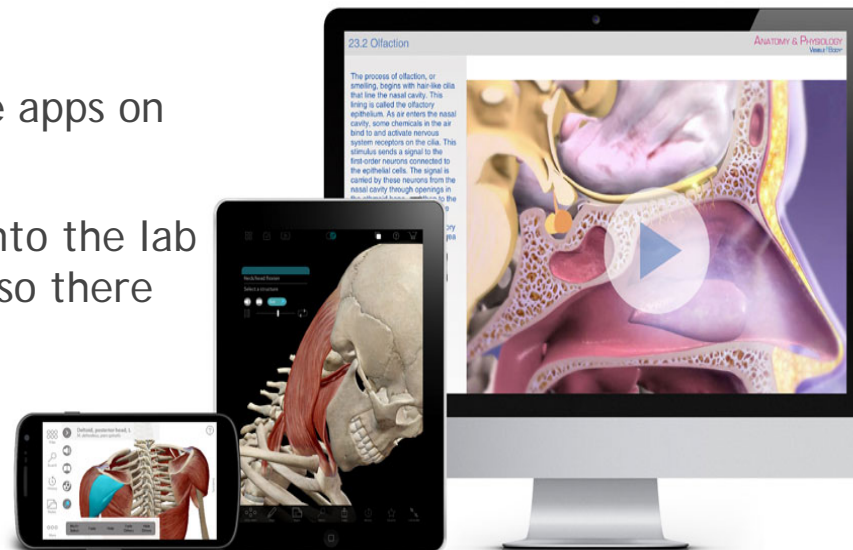
Input from Robb Kneebone: There is a professor that uses Visible Body as a roadmap before they begin dissection. He has it on his iPad and displays it on flat screen monitors for his students in the lab.

[Read Part 2](#) of the Q&A featuring Robb Kneebone from Visible Body

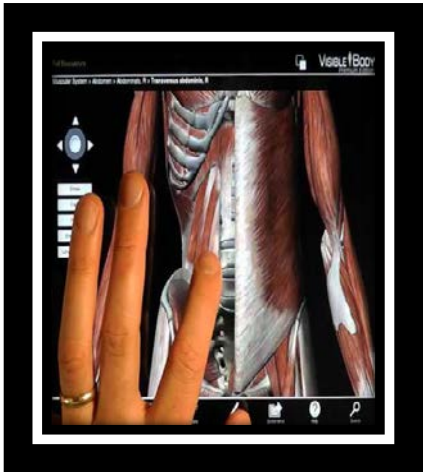
Q: Do all of your students access Visible Body or do you just use it in your lectures?

A: Yes, they all have access to it in one way or another. Not all of them have devices, believe it or not, and they all have different devices.

- ▶ Many of them have Visible Body or one of the apps on their device.
- ▶ For those who don't, they can always come into the lab and access them there. We have 3-hour labs so there usually is plenty of time.



Q: What do your students say about using the software during their studies?



[Read](#) this Case Study Interview with a nursing student.

A: The students actually love it. They just think it's beautiful and the ability to manipulate it gets them involved in the structures and helps them learn.

They really like:

- ▶ The ability to look at the whole picture in a 3D view.
 - ▶ Isolating every system
 - ▶ Looking at the system from all directions
- ▶ Using it on the iPad
 - ▶ Allows them to use their fingers and touch the models (almost)
 - ▶ It helps them understand the connections between structures and systems that you really can't get anywhere else

Q: Do other professors at your university use Visible Body Software and what has been their experience? Do they use it differently?

A: At the University of British Columbia, I am the only one who uses it in the Biology department since I am the only one that teaches this course.

- ▶ However, there is a professor who just learned about Visible Body in Human Kinetics.
 - ▶ She's going to be using it next semester, mostly in the lab
 - ▶ And she might also try using it in a flip classroom.

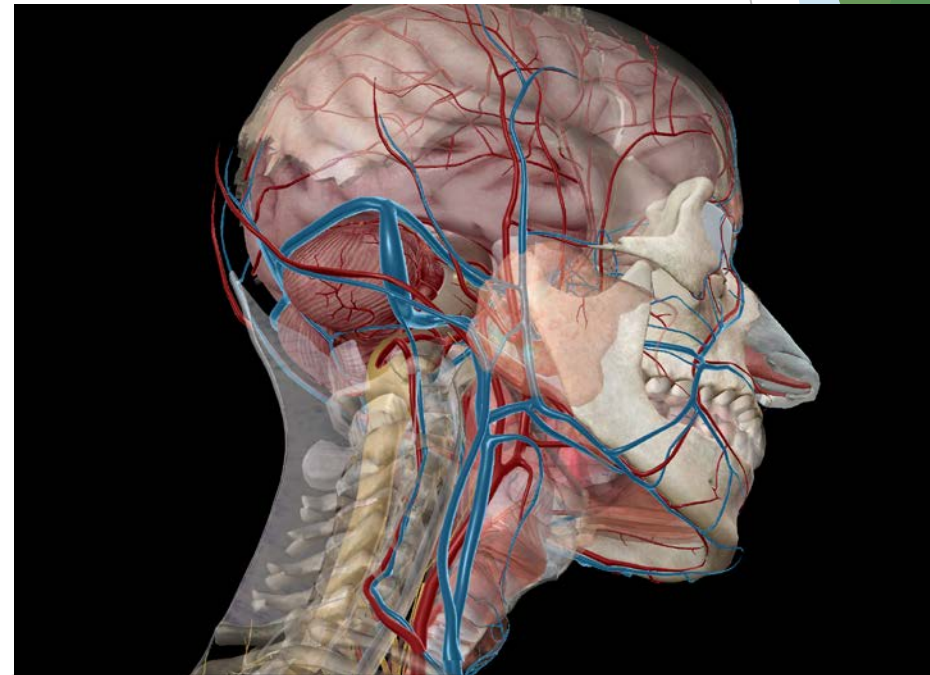


[Click to download](#) a complete list of Visible Body products via Wolters Kluwer

Q: What is the biggest change you've seen since using Virtual Anatomy products in the classroom?

A: I've noticed that after using Visible Body, my students are better able to step back and look at the big picture.

- ▶ They no longer go blank, and can answer something like:
 - ▶ How does this connect?
 - ▶ How would this react in a feedback system?
 - ▶ How do these all interact in a disease state?
- ▶ Now, they can zoom out and look at the whole body then put everything together and answer those global questions. I think that's because they're manipulating that in their apps. I give Visible Body credit for that.



Get Visible Body for your institution.
Contact Wolters Kluwer today at
sales@ovid.com.

Want to know more about Visible Body in Lecture and Lab?

Watch it Today!

On-Demand Webcast Series:

The Case for 3D Anatomy Software in Lecture and Lab.

- ▶ [The case for 3D anatomy software in lecture and lab](#) *(10 minutes)*
Watch Professor Blythe Nilson use Visible Body's anatomy software to teach 5 tough anatomy topics!
- ▶ [Use 3D animations to communicate more in less time](#) *(5 minutes)*
See how Professor Blythe Nilson incorporates short, stunning animations to explain topics including internal respiration, the cardiac cycle and lymphatic system.
- ▶ [Behind the scenes: Why Visible Body's medically accurate, visually stunning content is a global best seller](#) *(7 minutes)*
Join Visible Body's Robb Kneebone as he explains the story behind Visible Body.
- ▶ [Q&A: The case for 3D anatomy software in lecture and lab](#) *(10 minutes)*
Hear a Q&A session on how to integrate these types of resources into the classroom.



Thank You

Explore our other *Anatomy & Physiology* resources on *the Virtual Anatomy Center!* New content will be added to it on a frequent basis, so you should check back often!

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