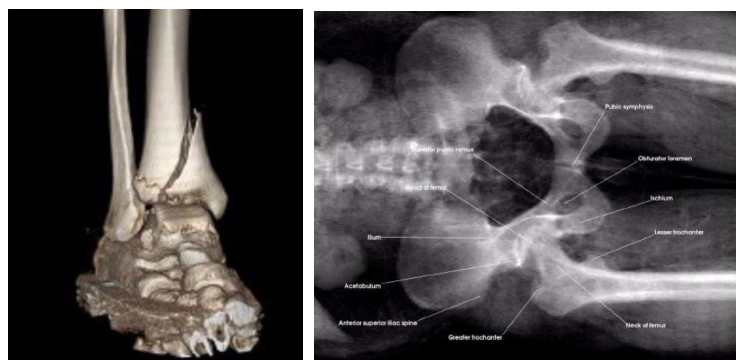


Anatomage Table Allows High School Students To Access Virtual Human Cadavers

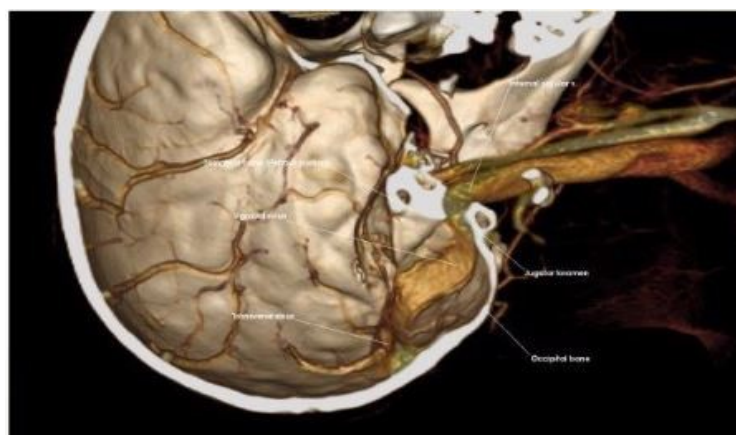
3D Virtual Insight With Layer-By-Layer Dissection

One of the largest technological resources that The Harker School contains is the Anatomage Table. The Harker School adopted the Anatomage Table into their human anatomy and physiology courses to allow students to dissect cadavers and focus on different pathologies. Students were able to dissect 3D virtual cadavers in an interactive manner that facilitated group learning.



Teaching Goals For Mastering Anatomical Recall

Students can master anatomical terminology during the course throughout the year by integrating the Table into their curriculum. With a large volume of material and limited time to learn everything, the Table enables students to better absorb the material since they can actively manipulate, control, and dissect the cadavers.



Ultimately, the Table permits students to isolate, identify, and recall anatomical structure. Dissection is a new skill for these students, and structures tend to appear different in textbook illustrations. The Harker School does not have access to human cadavers, which is why the Table is a beneficial learning tool.

The third teaching goal is for students to gain a deeper understanding of key concepts, and apply knowledge rather than recall facts. Students become skilled at seeing relationships between structures, and understand how anatomy and physiology are related. Furthermore, the Table's regional scans show students how anatomical structures all work together.

Comparing Clinical Cases Of Normal & Unique Pathologies

The Table includes a digital case library which provides students with hundreds of 3D cases. Students can fully dissect these scans and visualize healthy versus abnormal anatomy, or view diseased anatomy side-by-side. One of the goals for this course is to teach anatomy as a means to not only understand abnormal or damaged anatomy, but to grasp how a healthy body functions.

References

Chetty, A. (2016). The Anatomy Table as an Integral Tool in Teaching College-Prep Anatomy [PowerPoint Presentation].