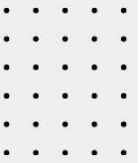




APEX
DISSECTOR

APEX DISSECTOR ANATOMY TABLE



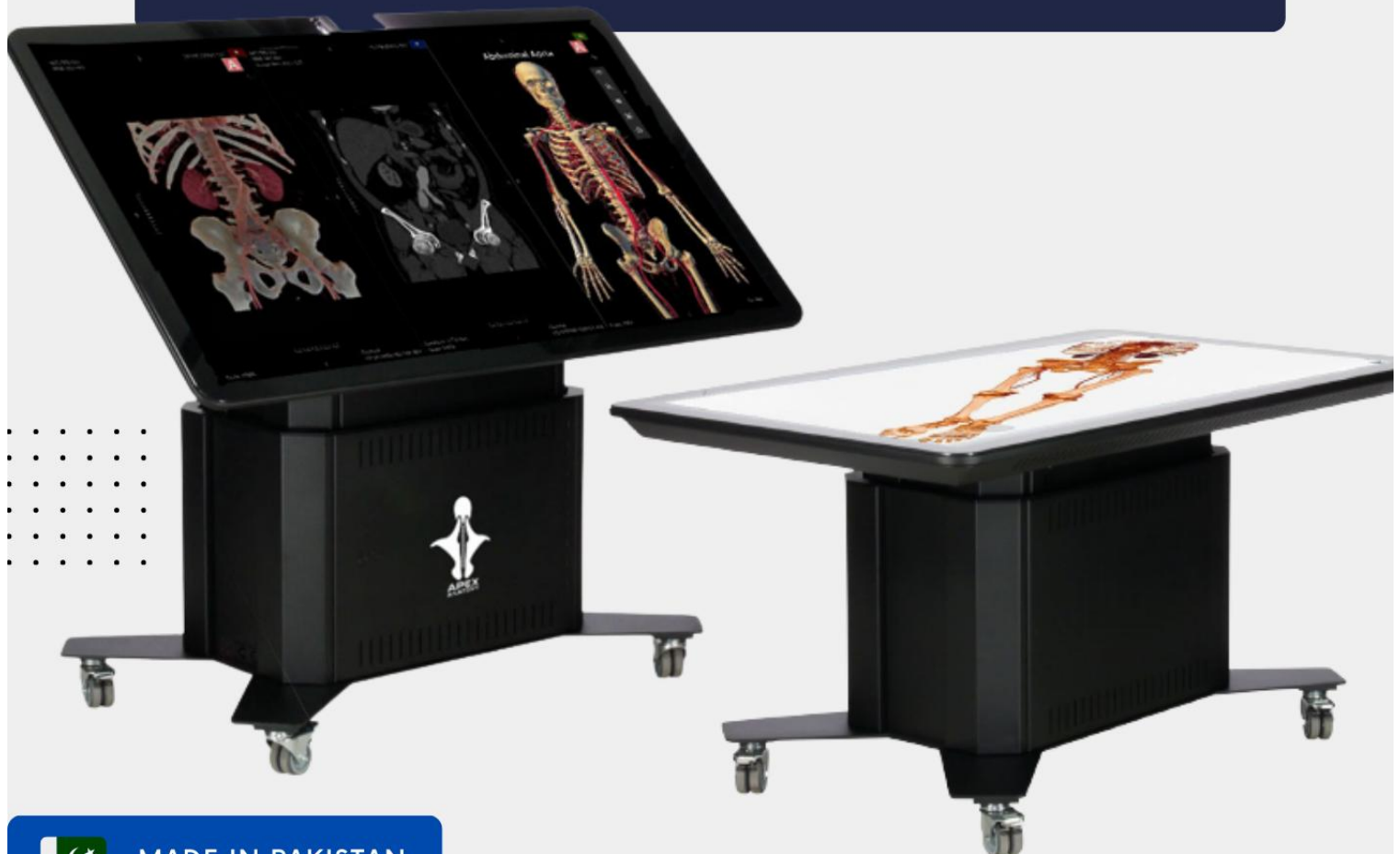


APEX DISSECTOR

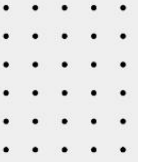
APEX DISSECTOR VIRTUAL ANATOMY TABLE



The **APEX Anatomy dissection table** is a large, immersive and interactive touch **VIRTUAL DISSECTION** tool that allows for swipe, scroll, zoom, rotate and navigate inside the 3D anatomical structures as well as remove layers of skin and muscle to dissect the body with a virtual knife. APEX features a large 65", 4K resolution display with an electrical tilt function that vastly improves the sense of interaction with the virtual cadaver.



MADE IN PAKISTAN

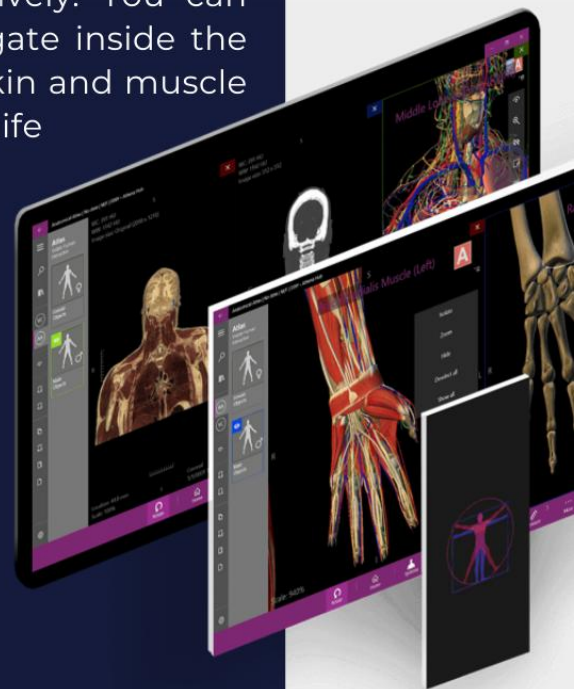
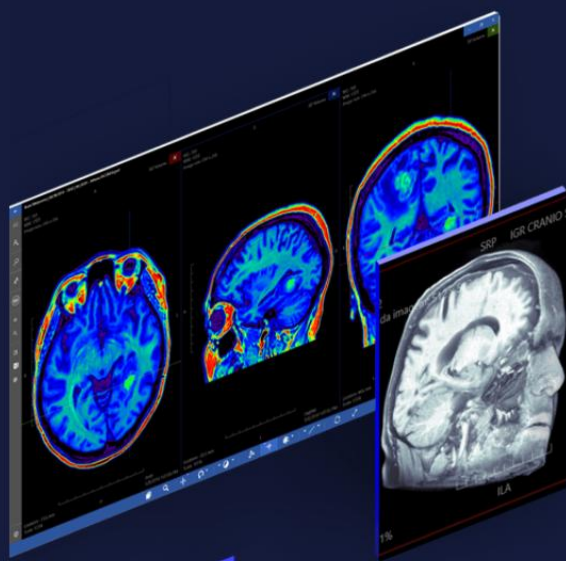


MODULES

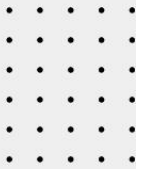
APEX 3D ANATOMY DISSECTION TABLE



The **APEX 3D Anatomy Dissection Table** allows you to easily explore and examine virtual representations of real bodies in minute detail. 3D images are quickly rendered from data provided by CT and MR scans. Interacting with the 3D volumes through a touch interface is like using a smartphone. By simply touching the screen, you can interact with the image intuitively. You can swipe, scroll, zoom, rotate and navigate inside the images as well as remove layers of skin and muscle and dissect the body with a virtual knife



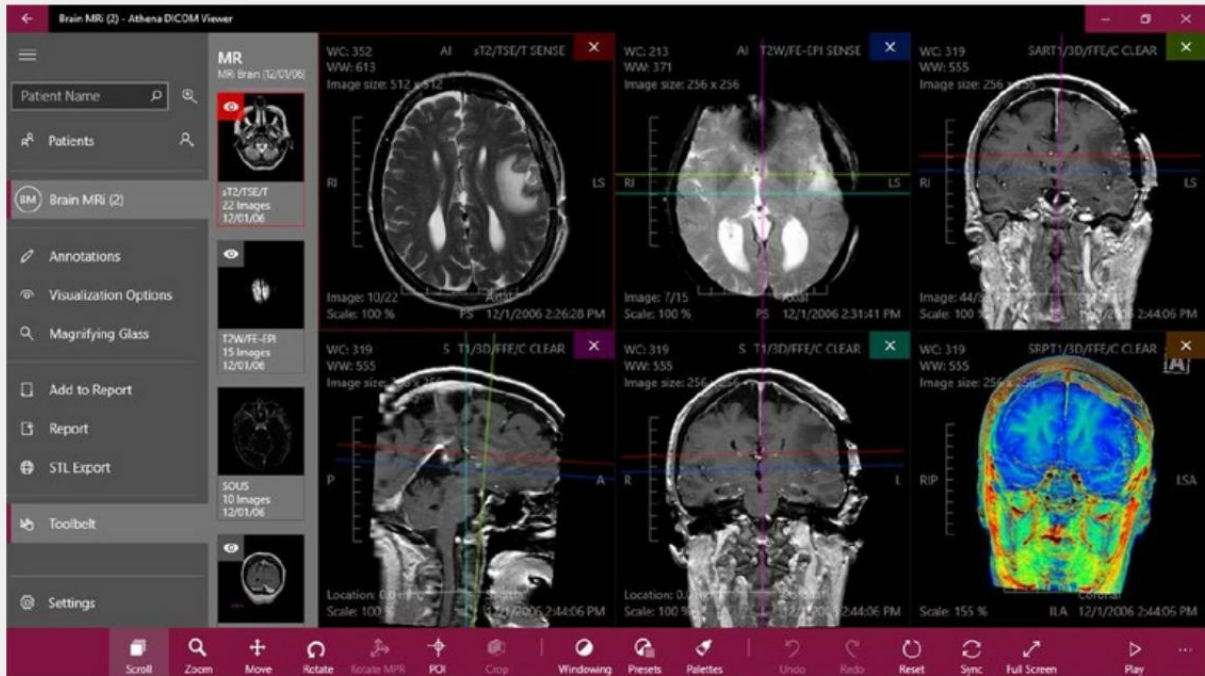
MADE IN PAKISTAN



VIRTUAL CADAVER

Virtual Cadaver comes with color images and shape are preserved, illustrating the accurate anatomical realism of a living human. Can be cropped and dissected, revealing the details of the internal structures. Measurements and custom annotations can be easily added to the visualizations of anatomical structures. The high resolution allows for the viewing of detailed structures. The regional content covers the head and neck, thorax, abdomen, pelvis, joints, and most other regions of the body. These contents are useful for teaching the details of regional structures.

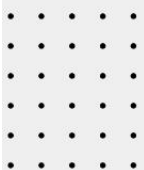


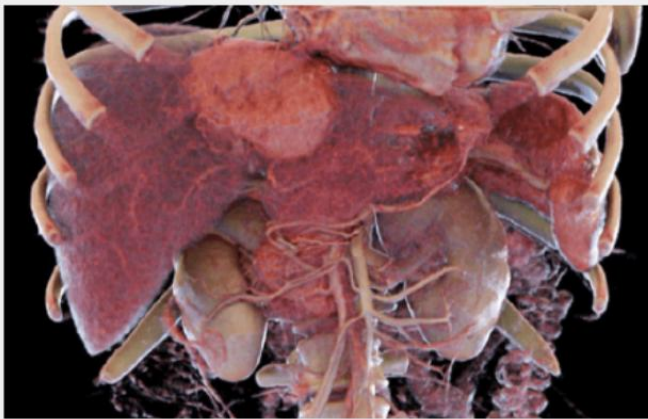
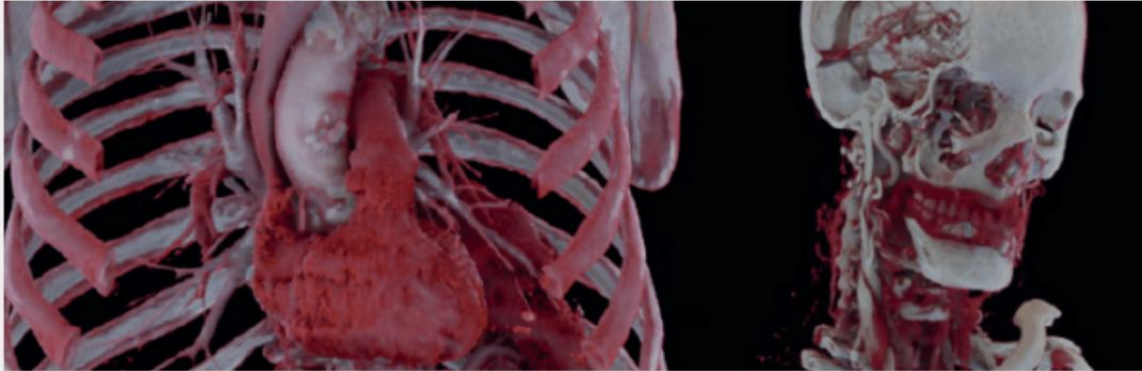


RADIOLOGY AND 3D RECONSTRUCTION

APEX Anatomy Dissection table is equipped with state-of-the-art visualization and manipulation tools for a wide range of medical imaging modalities, including CT, MRI, CR, MG, US, OT, and more. These advanced features allow medical professionals to effortlessly load and evaluate patient images, enhancing diagnostic accuracy and efficiency. Key features include:

2D Reconstruction (MPR) 3D Reconstruction (Volumetric, Iso-Surface, MIP, X-Ray) Color Filters (CLUT) Windowing Customization Reference Lines



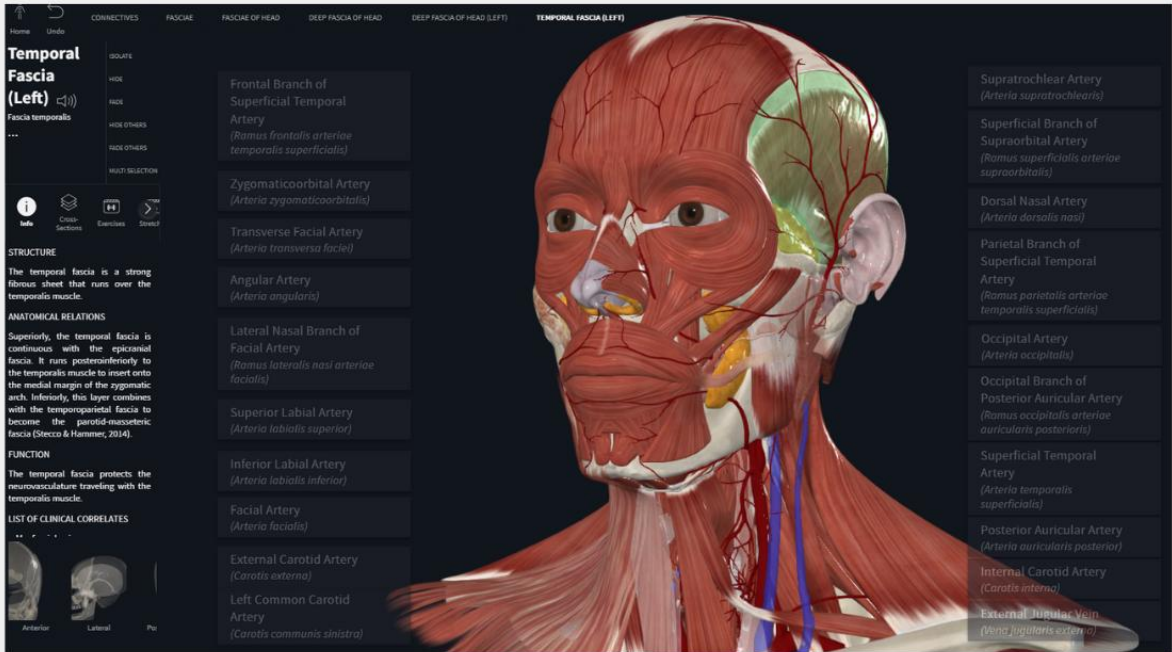


3D RECONSTRUCTION FROM PACS

CUTTING-EDGE 3D VOLUME RECONSTRUCTION

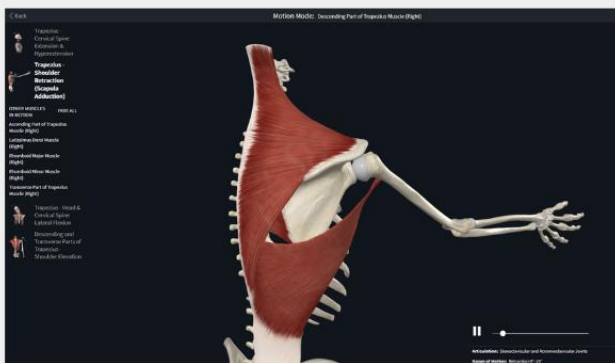
Experience the future of anatomy education with APEX 3D Anatomy table groundbreaking photorealistic tomography 3D reconstruction and rendering feature, and unlock a new level of understanding and appreciation for the human body. Our cutting-edge technology takes tomography slices and transforms them into breathtaking, high-fidelity 3D volume reconstructed models, offering an unprecedented level of detail and realism.





COMPLETE HUMAN ATLAS

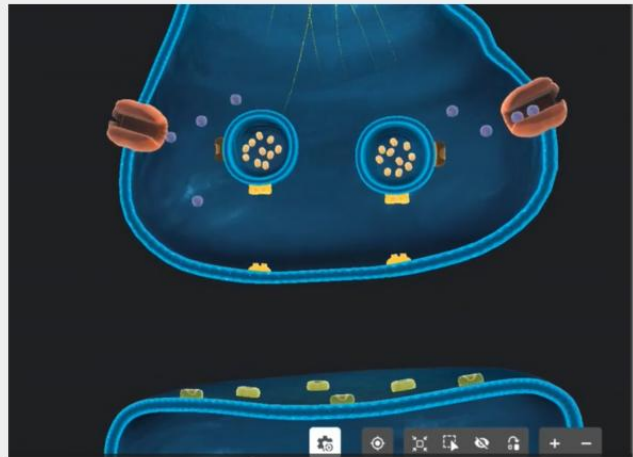
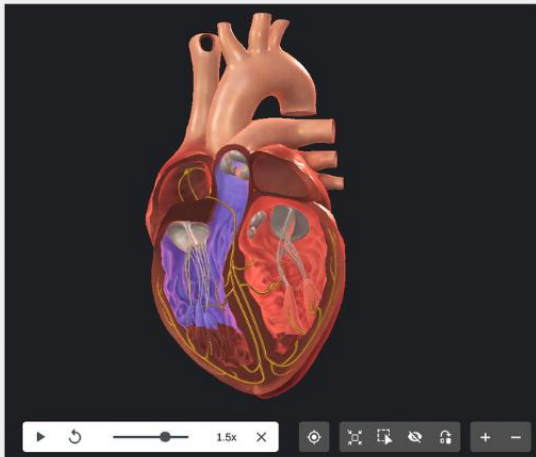
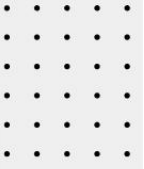
Simulate a cadaveric lab by virtually peeling back the layers of the gross anatomy, with the ability to select and explore thousands of structures organized in layers across 12 systems, from the major musculoskeletal and connective systems that give our body form and function, to the diverse network of neurovascular structures such as arteries, nerves, veins, and lymph, to each major organ system such as digestive, urogenital, respiratory and more.



MUSCLE MOVEMENTS

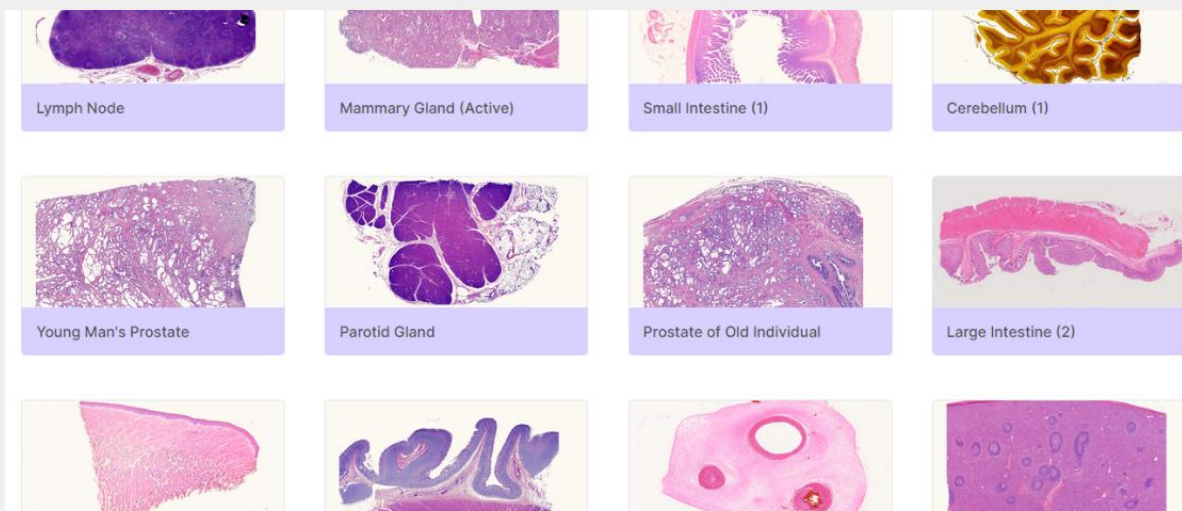
MICROANATOMY





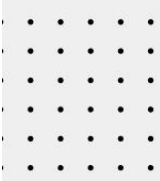
PHYSIOLOGY

Different animated physiological models allow the user to visualize, interact and understand the functioning of the human body in 3D, in addition to accompanying the stages of its development with descriptors.



HISTOLOGY AND HISTOPATHOLOGY

A virtual microscopy laboratory at your disposal. Explore different types of tissues, systems and sensory organs with all the capabilities of a microscope.



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PROMO VIDEO

