



Studying Medicine In Online Education With The Mobile Application “A To Z Anatomy”

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ABSTRACT

This article gives a brief outline of versatile apps outlined for doctors and restorative understudies. It records a number of applications, counting the English-language application “A to Z Anatomy”. The article presents the different capacities, focal points of this versatile application and a brief direct to working with it.

KEYWORDS

mobile application, communication skills, medical record, mobile workstations, medical information systems, information resources, smartphone, clinical software applications, portable and wireless mobile information, clinical decision, tablet, medical education, patient monitoring.

INTRODUCTION

The short-term worldwide spread of coronavirus disease is driving to disintegration within the socio-economic circumstance in nearly all nations. In specific, a noteworthy decrease in financial movement and the instruction framework in Uzbekistan from spring 2020 undermine the soundness of the state budget and the quality of instruction. In this manner, it is vital to maximize the localization of the spread of the malady and to avoid the prolongation of isolate periods as much as conceivable. Due to the coronavirus widespread,

isolate periods are being amplified, constraining individuals to work online in all zones of instruction, which empowers the application of developments in each region of education. In expansion, within the field of medication, there are versatile applications within the think about of medication for the application of inventive thoughts and advances, the utilize of which is broadly compelling. Through them, subjects are aced rapidly and clearly.

THE MAIN FINDINGS AND RESULTS

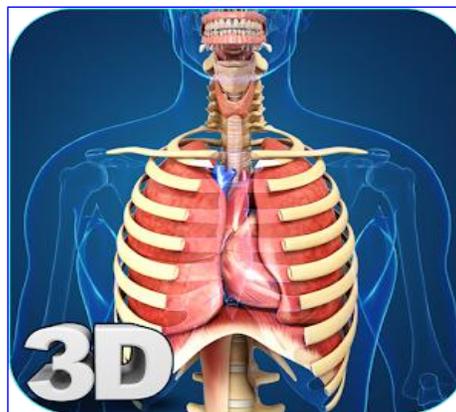
The use of portable gadgets by wellbeing experts has changed numerous perspectives of clinical hone. The use of portable gadgets has gotten to be commonplace within the healthcare environment, which has driven to a fast development within the improvement of restorative program applications (computer program) for platforms. Numerous applications presently have numerous vital capacities to assist restorative staff and understudies. For illustration, data and time administration, capacity and utilize of therapeutic records, communication, reference and data collection, quiet screening and checking, clinical choice making, as well as restorative instruction and preparing.

Portable gadgets and apps bring a parcel of benefits to doctors. In specific, it altogether increments get to restorative care to move forward clinical decision-making and emphatically address quiet results. Be that as it may, in spite of the benefits that these programs offer, it'll be vital to form superior measures and approval hones than mobile medical applications in arrange to guarantee that the foremost advanced apparatuses are appropriately connected and coordinates into restorative hone.

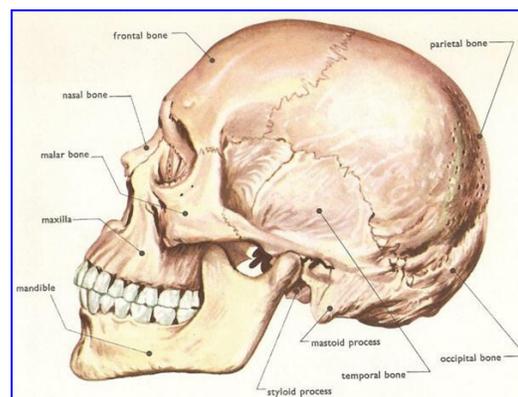
These measures will fortify the obstruction to section into the therapeutic hone showcase, expanding the quality and security of applications that can presently be utilized by therapeutic experts.

Portable computing gadgets (the presentation of individual advanced associates, and afterward smartphones and tablets) have had a specific effect on numerous ranges, counting the pharmaceutical industry. Smartphones and tablets too combine computing and communication highlights in a single gadget that can continuously be held another to an individual, i.e. hand-held or put away, and make it simple to carry in your take. In expansion to voice and content, the modern portable gadget models are moreover prepared with more progressed highlights such as web look, worldwide situating frameworks (GPS), tall quality cameras and voice recording apparatuses. In expansion to these highlights,

capable processors and working frameworks, huge volumes of memory and high-definition and sharpness screens, versatile gadgets have ended up primarily computers.



The primary versatile gadget to combine both communication and computing highlights was the Blackberry, presented in 2002. After the discharge of the Blackberry, other versatile gadgets were presented. Maybe in January 2007, Apple propelled the first-generation Iphone5. Afterward, smartphones running the Google Android working framework were propelled in October 2008. Request



for versatile gadgets developed quickly when natural touch screen interfacing, iPhone and Android smartphones were advertised. In April 2010, Apple presented a modern tablet that was another transformational computing gadget with ease of utilize, movability, and a generally huge screen. The iPad has “burned” the tablet computer showcase. The dispatch of tablets running the Google Android working framework (Samsung System and others)

has driven to a more extensive utilize of these portable gadgets.

To date, investigate has appeared that the use of versatile gadgets by specialists is far reaching, with 90 percent of their work environments employing a smartphone or tablet, and 99 percent employing a computer. Interests, the ubiquity of versatile gadgets isn't age-appropriate, as 80 percent of specialists matured 55 and more seasoned claim a smartphone. Agreeing to overviews conducted among instructors and understudies of the Workforce of Pharmaceutical, portable gadgets are far reaching among therapeutic experts. Ponders have appeared that 85% of them utilize portable gadgets in as assortment of clinical settings, from classrooms to clinics.

One of the foremost vital reasons for the expansion of portable gadgets by healthcare experts has been the require for superior communication and data assets amid understanding care amid the isolate period. Most imperatively, healthcare experts require get to as assortment of Web assets in a clinical setting, counting:

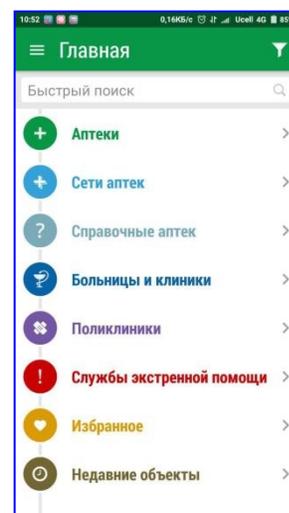
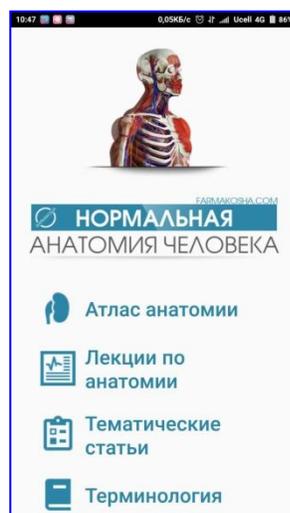
- Communication skills - voice call, video conferencing, text and email;
- Medical information systems - electronic medical records, clinical decision support systems, image archiving, communication systems and laboratory information systems;
- Information resources - search of textbooks, manuals, medical literature, drugs;
- Clinical software applications - diagnostic tools, medical computers;

Prior to the advancement of portable gadgets, these assets were basically given by desktop computers that did not back portability necessities in healthcare settings. To meet this requires, a few therapeutic administrations have included highlights such as convenient, remote portable data or versatile workstations. In any case, with the accessibility of portable gadgets, representatives have been able to

get to data at their fingertips through smartphones and tablets, which has made a difference them discover the data they require rapidly.

The quick integration of portable gadgets into clinical hone is somewhat due to the expanding accessibility and quality of restorative computer program applications. Applications are program planned to work on a computer or portable gadget. Their quick processors, modern memory, little batteries and high-efficiency open source, coded working frameworks have driven to the quick improvement of restorative portable app applications for both proficient and individual utilize.

The capacity to download therapeutic apps on portable gadgets has made numerous versatile clinical assets for healthcare experts. Therapeutic applications play a vital part in determination and treatment, hone administration, coding. Portable gadgets have a wide run of applications that offer assistance reply clinical hone and reply other questions such as medicate utilize guides, restorative calculations, look entrances, clinical rules, reading material, and writing. There are indeed versatile apps that reenact surgical strategies, in other words, perform straightforward therapeutic examinations such as hearing or vision tests. Subsequently, the use of restorative applications within the current isolate period is broad and quickly spreading quickly. 80-90% of therapeutic specialists and understudies routinely utilize at slightest one restorative care program, whereas the rest put their favorite programs into hone on an everyday premise. Here are some of the applications, including the English application “A to Z Anatomy”, the Russian application of the site farmakosha.com “Normal anatomy of man”, for information on medicines “UzMedApp”, “DoriDarmon”, “Apteka.uz”, “MyApteka”, “Tib.Uz”.



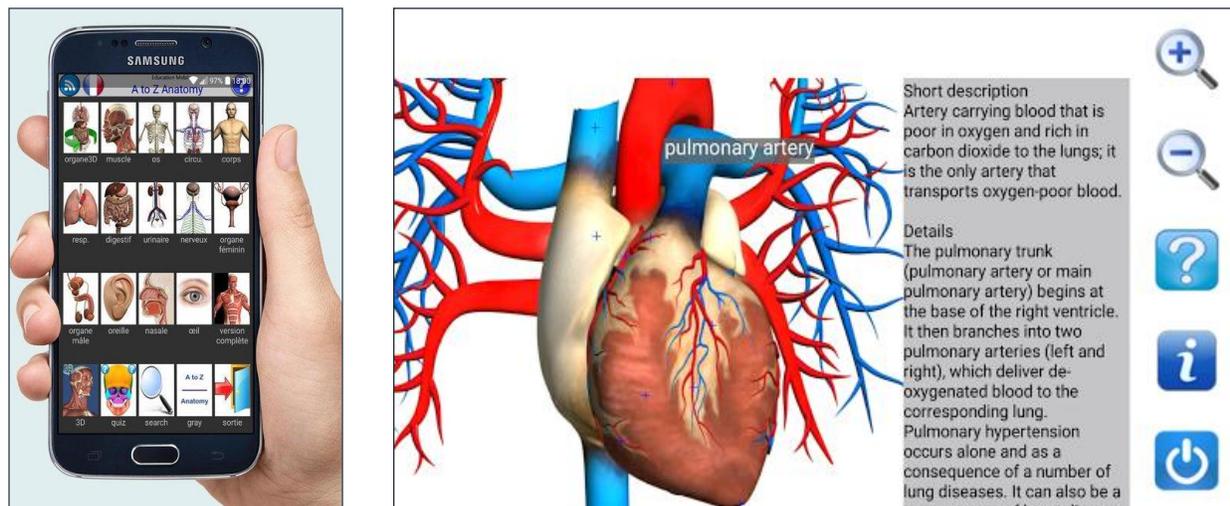
With the launch of the Apple iTunes AppStore in July 2008, access to apps was further expanded. This has allowed iPad, iPhone and iPod Touch (ITouch) users to purchase and download apps in the online marketplace. In January 2014, Apple offered nearly 1 million apps through the iTunes AppStore. In 2011, Apple created the “Apps for Healthcare Professionals” section in the medical category of the iTunes AppStore, which has a unique feature among the mobile app markets. In 2013, this department was further divided into the following categories: referral, medical education, patient monitoring, care, vision, patient education, and personal care. Google has launched the Google Play Store, which offers a variety of similar apps. In particular, for mobile devices using the Android operating system, some mobile apps have been made available for use on Apple or Android platforms to reach more users.

The most criteria for choosing an app is regularly exorbitant. Clients may incline toward to download the free app, but can at that point make a installment or upgrade the app at the time they require installment, in the event that fundamental. Whereas a few free apps are fully created, others don't work or are somewhat created, in the event that a membership isn't acquired, certain therapeutic diaries and restorative reading material can be acquired as portable apps after the membership charge is paid. Whereas a few therapeutic

applications may be costly at to begin with, in the event that upgrades are presented, they can be cost-effective as a result. For illustration, therapeutic manuals are overhauled free of charge each year, and these unused versions dispense with the ought to buy.

Visual Anatomy is an online guide and audio pronunciation training tool. It also includes a 3D model and a rotating part of the 3D animation. It has more than 500 functions that integrate the anatomical systems of the whole body and can be in interactive selection mode. Each function item has its own label and definition. The app also has a search function that can be used to search the tags of all characteristic points. For example, there are 1247 images in the general view of images from Gray anatomy. It also includes a quiz with more than 23 3D-sized questions.

How to use a mobile app: This app could be an essential learning device, but can too be utilized by any proficient who needs notes from time to time. In expansion, it is a perfect program that can be done by specialists, instructors, or experts to appear patients with eye maladies or students nitty gritty zones almost it. It is additionally a common widespread direct to life structures.



Functions of the mobile application:

- Translation of the program language into English, French, Spanish, German.
- Description of muscles (origin, attachment, innervation, movements).
- Mark and zoom - Zoom in and out on any area, icon, or other function by pressing a button on the screen.
- Quiz mode - "check yourself", in which you turn off the special dot mark, so that the application does not provide answers to questions.
- Quick transition is the availability of a quick transition mode to another system or organ by selecting a sketch.
- Availability of multiple choice quizzes.
- Presentation of pronunciation in audio form.
- Screening of films from the sciences of anatomy and physiology.
- Availability of excellent free periodic updates for the study of anatomy and physiology.
- Can be used as an anatomy dictionary by searching for anatomical terms.
- Google search results.

Content function of the mobile application: 3D body muscular system (head, arm and leg muscles),

skeletal system (comment, skull, arm and leg bones), circulatory system, body parts, heart, respiratory system, digestive system, multiplication system, nervous system (brain and commentary), male and female reproductive system, nasal cavity and eye-ear structure.

Using the mobile application: Through this application, the user is provided with a high quality anatomical image. You can zoom in on any area by pressing the Zoom button and using the single grid function. The private dot (cross) can also be selected by clicking. The "Details button" allow you to enable / disable the short description. For the muscle section, the "Details button" only shows the description. The "Test Mode Button" allow you to enable / disable tags and short descriptions.

Mobile app's search function: In case more than one character is entered, the look work will naturally grant you a list of potential watchwords. You'll be able essentially select a list. The coming about anatomical picture, dab, and brief depiction will show up on your screen. More data can be found by clicking on the Wiki.

CONCLUSION

There are numerous illustrations within the “A to Z Anatomy” application said over, in which the client must select and consider the one that suits his field. In conclusion, it ought to be famous that the widespread use of portable applications amid the isolate period could be awesome offer assistance to future specialists in online training.

Through this “A to Z Anatomy” app, the client is given with a tall quality anatomical picture and employments it broadly within the online learning handle.

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