

June 2013

MiNE

Manchester iPads News and Events



Issue 4

Welcome



Colin Lumsden - Academic Lead for E-Learning

Welcome to the fourth edition of MINE. The newsletter is proving extremely popular and a great way to share information and resources. This edition has a review of the 3D4 Anatomy App that is proving to be very popular amongst students. We have informative pieces on utilising iPads for teaching and how to organise your files. Tim Cappelli has been scouring the internet for information on the new iPad and gives you his thoughts on what might be coming.

Following on from the last edition when students reviewed the relative merits of iPad Minis compared to their larger forefathers we have had a decision to make about which iPads we would go for in 2013. This has been a difficult decision and one that has taken quite a bit of research and evaluation. As a school we have now decided to go with iPad minis for the new year 3

cohort in September. This decision has been taken in consultation with our student testers and affords some useful upgrades over the iPad2. We believe that the iPad mini is better placed as a form factor for the clinical years. It is much lighter, smaller and altogether more portable than the older iPad2's. The screen size is smaller but the functionality of the device is equivalent with the added functionality of Siri if you like that kind of thing. The processor is faster and the device uses the new thunderbolt connection for faster charging. Whilst screen resolution remains the same the image is sharper due to the smaller screen size. In addition to all this we also recognise that many of you are using iPads for almost all your study needs. We are also providing more resource intense applications and for those reasons will now provide 32GB WiFi iPads for September.



from <http://renewarren.com/tag/ipad/>

iPad 5?

Phone 5S

iPad mini 2

iPad 5

Apple have recently discounted the prices on new iPads, a sure indicator that a new model is on the way. Although only just over 6 months since the launch of the iPad 4, Apple are keen to maintain its market lead and with the Nexus and Surface (yes, even the Surface has taken 7.5% of the market) taking chunks out of Apple's share, they are looking to keep the new designs coming. So what is the new iPad likely to bring in terms of new features or design?

Well, rumours abound about what the new iPad might feature, including a completely flexible iPad that you can fold in half! Despite some of these more wild claims, some consensus does emerge. Most pundits agree that the new iPad will be thinner and lighter and slightly smaller - though the screen size will remain the same as the iPad 4. How will they do this? The feeling is that they will reduce the size of the bezel around the screen, so the image is almost on the margin of the device, thus reducing the size, without losing screen real estate.



A possible comparison of iPad 4, iPad 5 and Mini

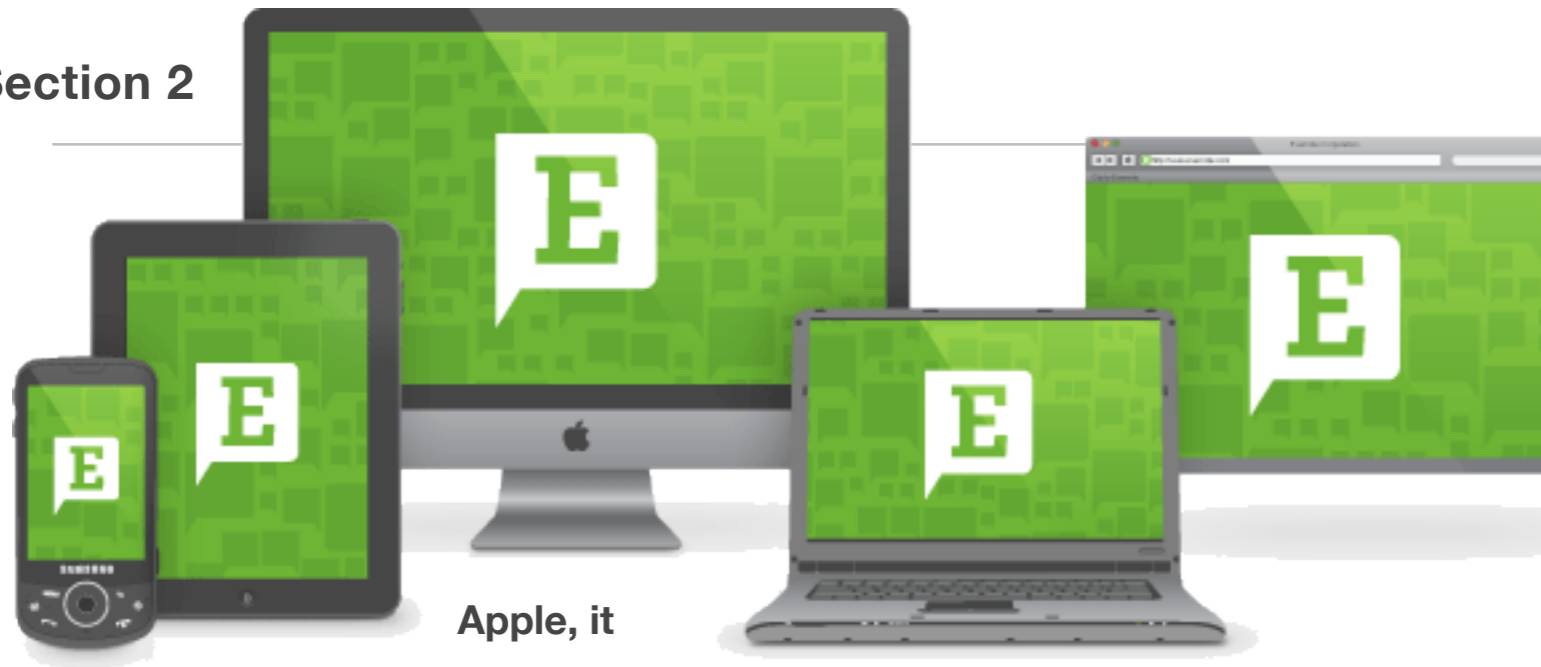
There is also agreement that the new iPad will be around 30% lighter and thinner. This, it is believed, will be achieved through losing one of the two backlight bars, thus allowing the device to use a smaller, lighter battery. The iPad 5 will also be built using the same form as the Mini, again allowing the device to be smaller and

lighter. In fact almost all the rumours agree that the new device will, in fact, be a larger version of the Mini - so the anodised aluminium back case will disappear to be replaced with a black or white case.

So in addition to being smaller, lighter and with a longer battery life, what else might the iPad 5 tempt you with? Well, very little really. Its believed it will contain

a vibrating mode - so Temple Run with haptic feedback is a real possibility - along with an up graded front camera to 8MP.

When can we expect this? Well, initial rumours said March 2013 - but clearly this didn't happen. The smart money is now on October 2013, but Apple love springing surprises, so it could be tomorrow!



Apple, it
seems, are

insistent upon ignoring the cries of consumers-in-need for a central file organisation/storage system like Windows' 'Documents' or 'Library' folder.

Fortunately, technology knows no barriers and there are ways to (largely) overcome this hurdle in mobile learning that can override most concerns. In this instance, our saviour goes by the name Evernote.

Arguably the most popular Apple education app (under which Angry Birds is NOT listed!), and one of the two default note-taking apps alongside Notability (at least here at Manchester), this company has created a truly quality product.

Able to sync seamlessly between all mobile devices and your desktop, and integrated with so many other programs (due to its early rise in popularity), Evernote really is the answer to your central file organisation wishes. However, there are two investments you first need:

Central File Storage on the iPad

or 10 ways that Evernote is threatening the monopolisation over the app world.

a) Evernote Pro

This has the advantage of a much better total memory capacity (1GB/month compared to the meagre 60MB of the free version's), note size (25MB to 50MB) and capability to access and search content (notes, files and notebooks) offline which is what you ideally both want and need, especially when on the go or in wifi-less hospitals. It's well worth the annual £35 cost (though you may first want to trial the £4/month option if you can't take my word for it).

b) Access to home desktop/ laptop to download Evernote desktop version

Apple's regulations prevent app-developers creating an all-powerful app and thus some key features allowing this 'filing' system are only available via the desktop version. However, all the additions and changes to notes on your desktop are automatically synced with your iPad's over wifi/ 3G and so this is not really a major problem.

Once these are met you can use the below introductory list of Evernote features (by no means exhaustive) to create a storage system that defies boundaries and limitations of location, size, organisation, searching and formatting! Tempted yet?

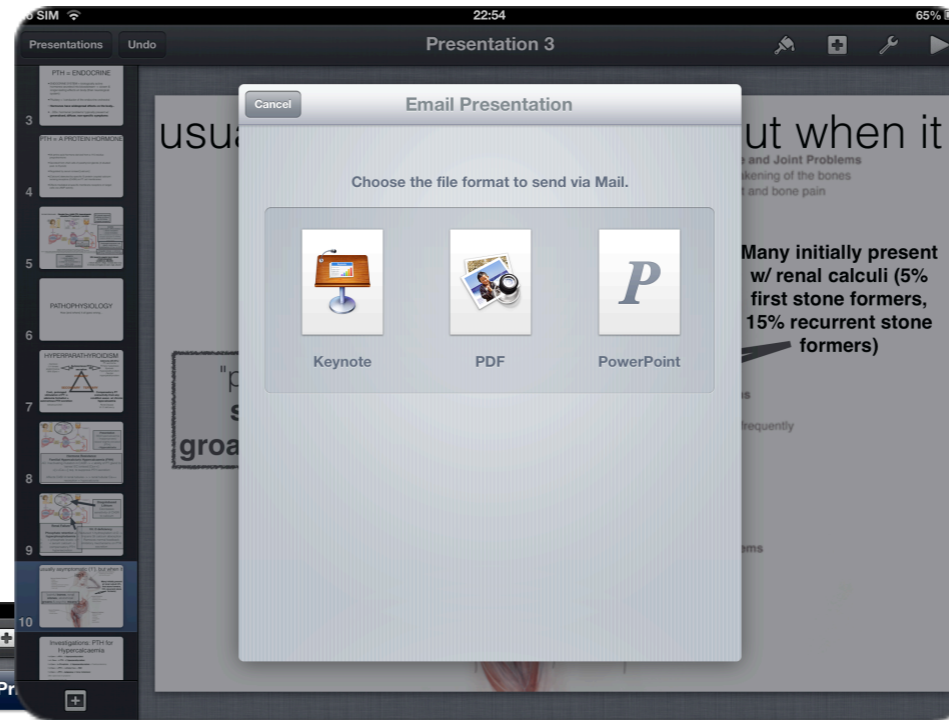
[Please note: This is not a guide or introduction on how to use Evernote. It assumes a basic understanding of Evernote's use as a text

Notability. This includes the ability to draw and write freehand by Evernote's 'family of apps' including Skitch and Penultimate which also automatically sync with Evernote. In this article, I am just highlighting its many extra stand-out features. For an intro to the application, start with the official product guides]

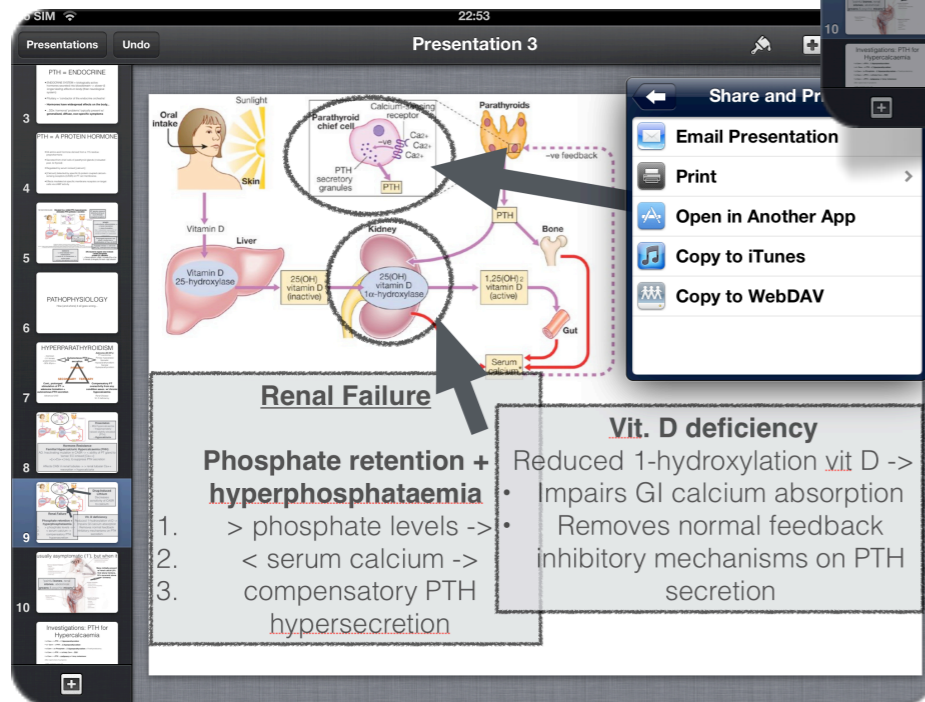
1) Evernote recognises most file formats

This has multiple advantages:

- a) Can view most standard Microsoft file types in app including, but not limited to Word, Excel and Publisher as well as their MAC counterparts.
- b) Many apps are 'Evernote compatible' (including notability) due to its early rise to fame and mass use. Therefore, it is often easy to export files/ products to evernote directly, by exporting as a pdf and 'opening in another app,' or simply emailing the file to yourself as a particular type (almost always evernote compatible, especially as pdf is generally available)



Emailing a KeyNote presentation to myself in a different format which I will then open and save in Evernote



Exporting a KeyNote presentation to Evernote by the 'Open in Another App' option from the iOS6 update

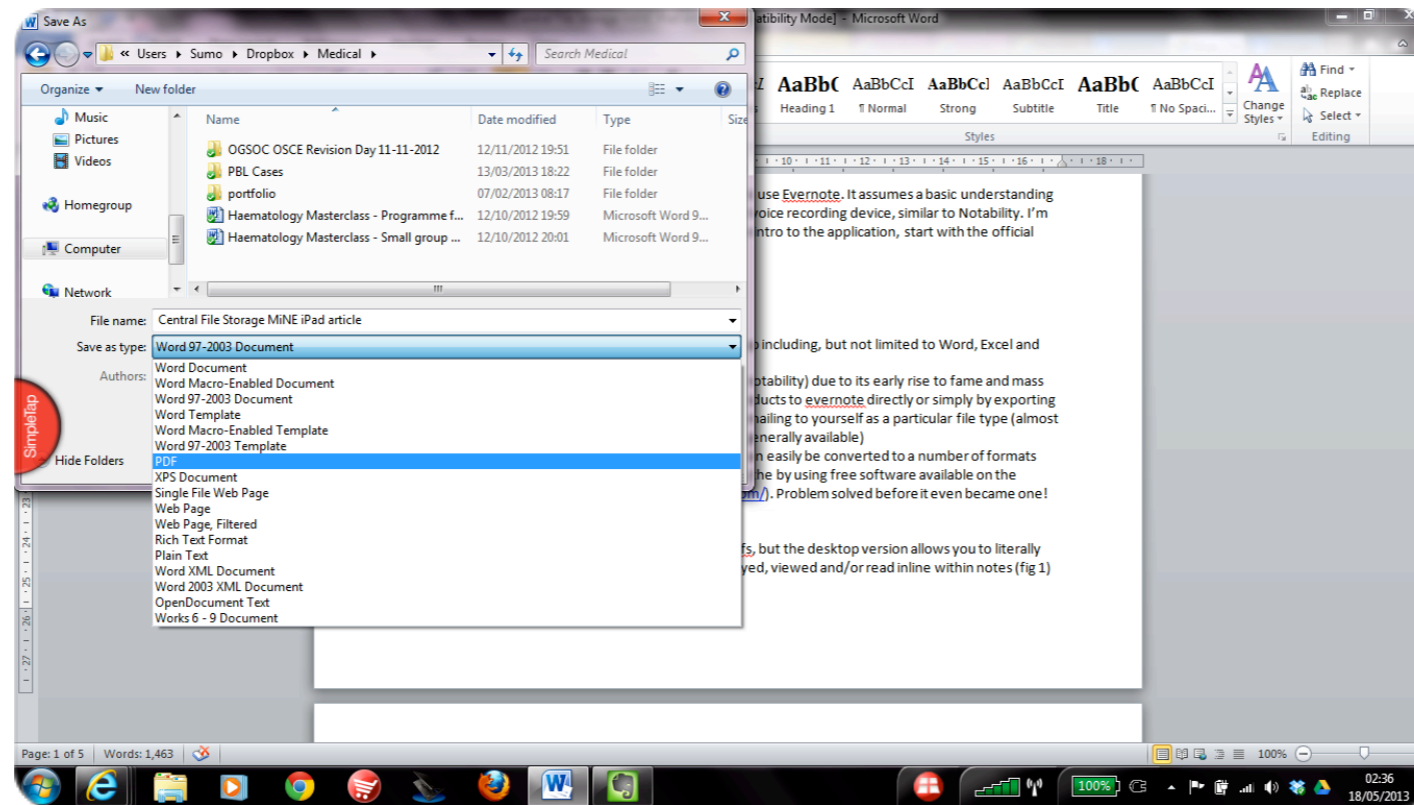
editor, photo upload tool, and voice recording device, similar to

c) All non-compatible documents or files or books can easily be converted to a number of formats on your main desktop/ laptop either through a standard 'Save As' and changing the file type (see print screen opposite) or by using free software available on the internet.

2) Attach any file in-line with notes

On the iPad, you can add html documents or pdfs, but the desktop version allows you to literally drag and drop any file from a folder to be displayed, viewed and/or read inline within notes, or as a note in itself. This is invaluable for research or, for example, compiling a comprehensive set of class notes using various resources.

For files that are too large for the upload limits (such as medical textbooks etc.) a better tool would be to choose a single 'reader' app as well as evernote (I use kindle, but 'GoodReader' and 'Documents' are more universal) and converting any incompatible



file types to compatible ones using freeware such as Calibre. Problem solved before it even became one!

3) Syncing

The ability to have all your work available to review, search, edit, share and read with you on any mobile device at any time and largely offline is invaluable- especially when you forget to bring things with you. And then to have the changes you make on the go sync automatically over wifi and therefore available to combine and file within each other, if necessary, when you get home? Useful beyond words. Not to mention its rapid

syncing enables it to work something akin to an editable dropbox (this also means you can easily transfer files and images immediately between devices by a simple drag and drop-which is exactly how I got the print screens from my iPad on my laptop for writing this article on Word...)

4) Organisation

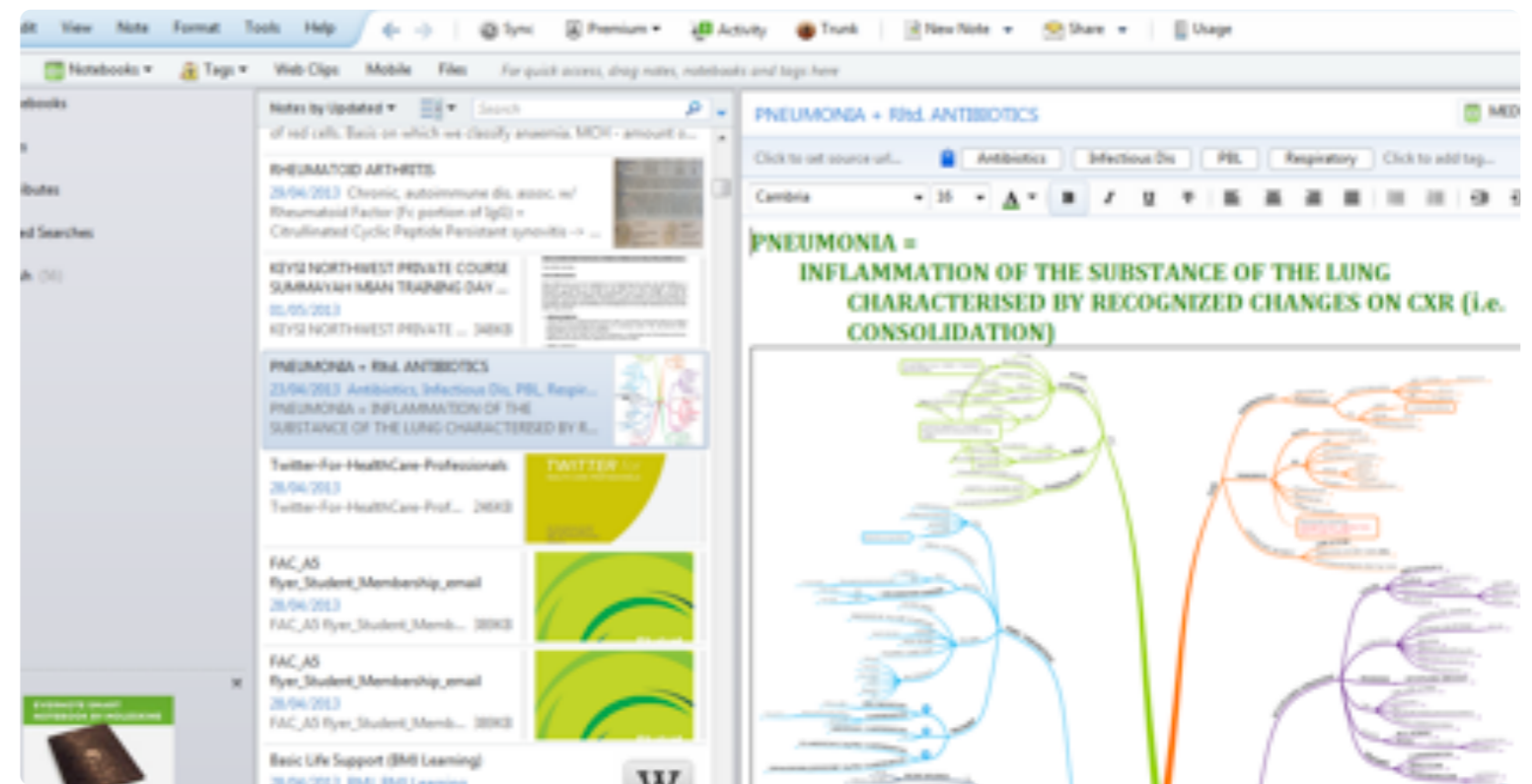
Evernote has a fantastic ‘tabbing’ system that allows you to manage and search documents under multiple tags (similar to blogs) so you are not limited by individual folders. However, it also allows you to organise notes in ‘Notebooks’ that are limitless and can be ‘stacked’ (sub-notebooks), favourited for easy access or shared with others. A word of advice: the search tool is so advanced that the more notebooks and notes you make, the more effective you will find your use of this app. This evernote guide is a great introduction to this and this article perfectly highlights the “more you add, the more useful Evernote becomes” concept more comprehensively. As the author quotes: “The key to Evernote is to commit to it and jump in with both feet.”

5) Maximise the iPad’s #MedEd potential through the apps available to you

Many will argue (legitimately) that fewer sources of information and apps used well are better than the plethora many download that can often include multiple apps for doing/studying the same thing in different ways. I find the very reason that the iPad is such a great mobile learning tool is its access to the thousands of apps in its store that enable you

to explore and creatively engage with medicine in a huge variety of ways. These are denied to us by limiting ourselves to only a handful of resources. Whilst we may use only a few ‘central apps’ (Evernote in this case), we can benefit from using other apps to learn and compile our ‘notes’ in many different ways. It would be a shame to miss out on this opportunity and all the amazing apps made available to us. Take my own learning - See *Gallery below*

Gallery 1.1 Capturing Learning Material from different apps



a) Importing my iMindMap on pneumonia microbiology and related antibiotic treatment as a zoomable pdf image (perfect for iPad reading) from iMindMap:



Of course, these may seem basic, but can be extended to print screens from any app (e.g. 'Radiology 2.0, or 'Visible Body Anatomy Atlas'), adding video recordings, audio (external and internal), and making complex tables in excel and then dragging them into whichever 'Note' you wish.

6) Save web pages as attachments in-app with Evernote Web Clipper

Not just as a link, but as actual downloads (text, images, links) that are available offline and even when the original webpage is deleted. It will also save highlighted parts of a webpage as separate notes – all with the single click of a button. Once synced across your devices, these resources can be viewed on the go on your iPad. This has become one of my much used features, what with me saving articles, recipes (Evernote Food) amazon pages, tutorials, forum conversations etc. and organising them via tags and notebooks. A great way to catch-up on your 'Read-It-Later' list or twitter feed reading, which leads me on to...

7) Twitter integration

Simply including @MyEn in a tweet or retweet will automatically save the tweet, article link, photo etc. as a note in Evernote which you can read and sort later at your convenience. And what with twitter's #MedEd becoming so popular with medical students around the country, particularly for #UKMedEd or just sharing your #LifeOfAMedStudent, @medschoolhumour,

@MedStudentProbl or the ever popular @medschooladvice, you know you love this tool!

8) Portfolio

Just watching Kate Bowman's excellent and comprehensive video on how she uses Evernote for her portfolio (see below) de-stresses you for your next portfolio review: your tutors are bound to be so dazzled by your organisation and techie prowess that they pass you. Seriously. The other videos are also worth a watch!

Using Evernote as a portfolio video



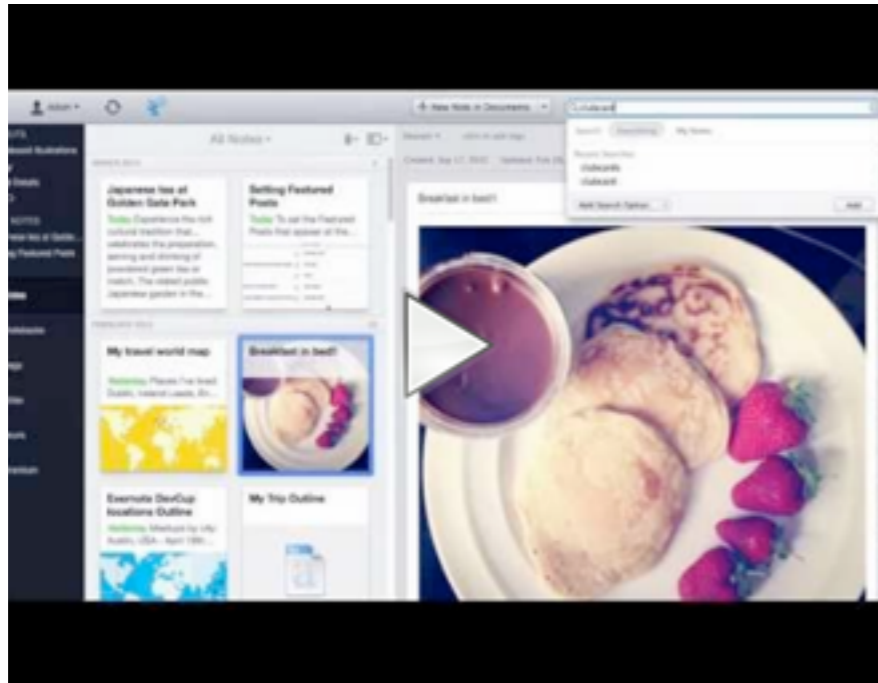
9) Search- text, tags, notebooks, PDFs, attached files, text in images, spreadsheets, presentations...

If you're using this as a central filing system, you are likely to have a LOT of data. That means when I wanted to find that note that I wrote the details of a research contact in last year whose first name (stephen) I could only vaguely remember, I searched it and narrowed down the list (including PDFs where the name was highlighted as an author in references!) to the approximate month and year...and voila! Here's a more exciting video than this paragraph to explain and demonstrate this visually.

10) Work as a group to collectively edit notes

Yes, like a non-prezi version of a **prezi meeting!**

Using Search in Evernote



So there we have it: 10 reasons to use evernote. Jump in with both feet...and arms, and legs...and I guarantee that, whilst it may not work as your sole note-taking app, it will become indispensable as your go-to central file storage system across all your devices. No need to thank me. You're Very Welcome ;

P.S. Feel free to contact me using the feedback form below or via Twitter @SRMian for any questions, thoughts, advice or opinions - even if it's just to tell me I'm wrong! I'd love to hear from you!



Neurology Teaching using iPads

Clinical demonstrations are the traditional method for teaching neurology. I want our students to feel confident in taking a neurological history from patients, know how to examine the nervous system and understand the interpretation of neurological signs.

Expert patient sessions and bedside teaching are the principal ways in which I and the other neurologists at SRFT deliver this teaching. Lectures and seminars remain an important way of passing on useful knowledge to larger groups of students.

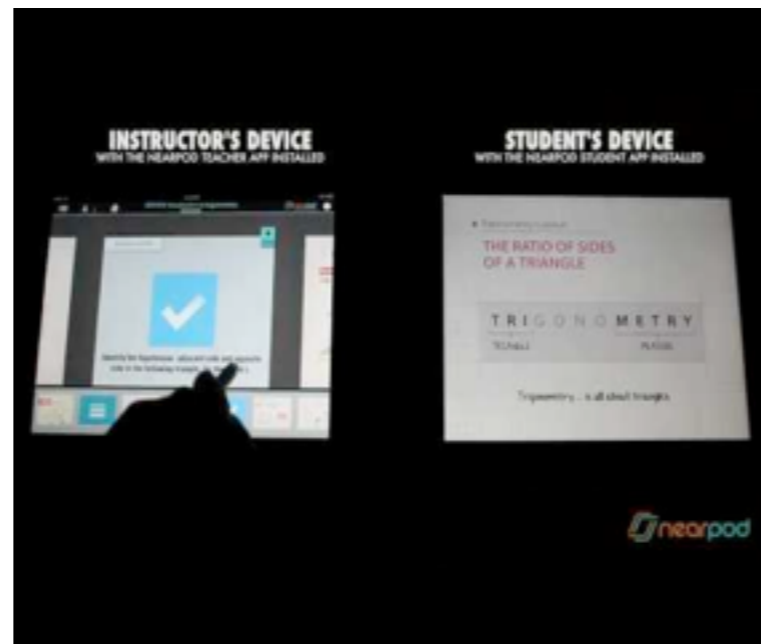
With the advent of the iPad project I was keen to translate some of the good points of clinical demonstration teaching into a tool to enable mobile learning. There are now videos of neurological examination on medlea and blackboard so students can revise this and check their technique on the go. The neurological signs

iBook enables students to learn about a specific neurological sign they may encounter on the ward or in the clinic. In this way the iBook can be used as a portable practical demonstration guide.

I have started to integrate iPads into seminars and lectures using the Nearpod app. SRFT students attending my introductory seminar view the slides on their iPads and answer questions and complete polls on their devices as the session progresses. The Nearpod app lets students identify the site of 'lesions' or draw answers to neuroanatomy questions on blank diagrams that are then pinged back to my iPad.

The best and / or most entertaining responses can be shared (anonymously) with the group. One of the big differences I've noticed in switching to this approach is

Nearpod Video



The above video on Youtube gives a quick intro on Neaprod

that I get instant feedback on what everyone in the group thinks the answer is, not just the person with their hand up. This allows me to spend more time on what people find hard and can speed through the bits everyone seems to know.


Hopefully the students enjoy the interactive element and the change in format from their other lectures.

We'll be working on more ways to enhance the mobile learning experience over the summer ready for next year's Mind and Movement students.

Hitpad

Price: £1.99/\$2.99 Developer: Hitpad Inc

Customise and streamline your news-reading experience




Hitpad collates all the top news stories from your chosen country (whether this be the US, Canada, Australia and UK) and then displays them in an inviting and intuitive interface.

The top of the screen allows you to quickly tap on categories such as 'Technology' and swipe between the key news topics beneath. Alternatively you can search for stories and add these to your favourites option to customise the stories to taste, and always have quick access to the news you're interested in.

The news topics on offer are then further digested into the top news stories, videos, pictures and Twitter posts. For example, the news stories display a brief description of the story or links to the full webpage, which thankfully opens up within the main interface (as does most of the content). Interestingly you can also link the software to your Facebook account and gain access to your wall and post status updates, but on some occasions this didn't seem to work particularly smoothly.

However, despite this small gripe the quality of content and the intuitive interface makes Hitpad a great source for discovering the latest news from around the world.



■ Hitpad has an inviting and colourful interface

Rating ★★★★★

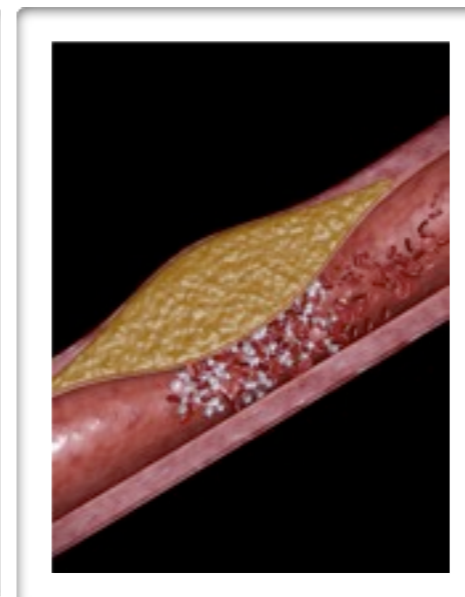
From iPad Tips, Tricks, Apps and Hacks V0.4 - This review does not reflect the views of MMS

3D4 Medical App Review

3D4 Medical have a number of anatomy applications available via the AppStore. They are at students, clinicians and to some degree, patients.

The prices range from free (for lite versions) to £39.99 (for professional applications aimed at specialist clinicians). The majority of the applications are priced at around £10 and cover areas such as brain and nervous system, heart, skeletal system and muscular system in as much detail as a medical student needs to know.

Whilst this may seem expensive for what students would normally pay for an app the quality of the applications are really impressive and in comparison to a core anatomy text book the price is relatively.



The apps open and run very smoothly. They include features such as the ability to add and remove layers, zoom in on a particular part of anatomy and manipulate the image in 3D planes. It is also possible to dissect some of the

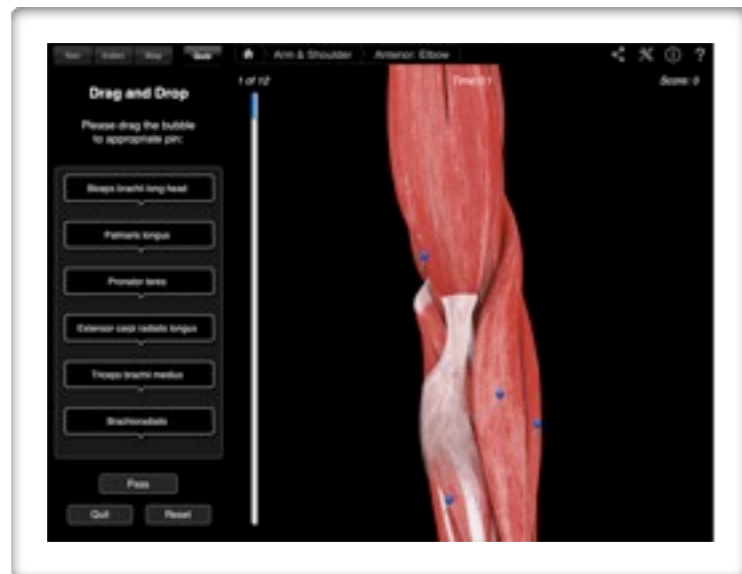
virtual anatomy models into sagittal and coronal sections. This is particularly useful when studying the anatomy of complicated structures such as the brain.

One of the most impressive features is access to a number of beautifully created animations which explain complicated processes and procedures, they are very useful for a student's education but the applications for patient education are

also clear. One of my favourite functions is the quiz mode. You can challenge yourself to a number of custom quizzes including 'against the clock', 'multiple choice' and 'drag

and drop', all of which are sufficiently challenging and also a lot of fun.

Overall, you can really see the uses for anatomy apps such as these in both medical and patient education. The 3D4 medical applications are extremely well made and provide the user with fully interactive virtual anatomical models which really bring difficult anatomical concepts to life. The learning experience feels so much richer and interactive than by using textbooks alone.



What other applications are you using? Let us know @mmsipadgurus #mcrmed

Price: £4.99/\$6.99 Developer: Real Bodywork

Muscle & Bone Anatomy 3D

Everything you need to know about the muscular system

Apps like this tend to focus on the student who needs to learn as much about a specific medical area as possible. Being able to even deliver information so complex via a tablet is impressive enough, but to do so in a way that everyone can understand is even more impressive. The app is, of course, designed for those in the medical profession and so the descriptions and wording have to be technical, but the way the app delivers the information will help the newest of medical students. It is all visual and the imagery is detailed enough to show what part of the body is being discussed without the need for other tools.

It doesn't just show and describe muscles, but also includes animated sections showing the actions that each muscle enables. For example, for the ankle there are four actions described via images and animations and this continues through every area of the body. There's a simple image of the entire body which you tap to select a region and then the information pops up in a flash. The visuals are taken further with the inclusion of narrated videos that use exactly the same images from the main app itself. This makes it consistent in presentation and provides a further source of clarity for the user. No matter how you prefer to learn, you can choose text, images or video and discover the best option for you. In fact, the combination of all three works well to optimise learning at every step.

The quiz (with label matching as well as multiple choice questions) is useful for evaluating how effectively you are learning and the three-dimensional models take the entire experience to a whole new level of detail and interactivity.

This may look like an app for those in the medical profession, but it is also a source of education, interactivity and even fun for children, adults and anyone with an interest in the human body. Few apps appeal to specialists and the general public alike, but quality wins out and in this case the solution is just about perfect.

Rating ★★★★★

■ The entire human body is covered by this app

"The visuals are taken further with the inclusion of narrated videos"

■ Some areas are summarised cleverly...

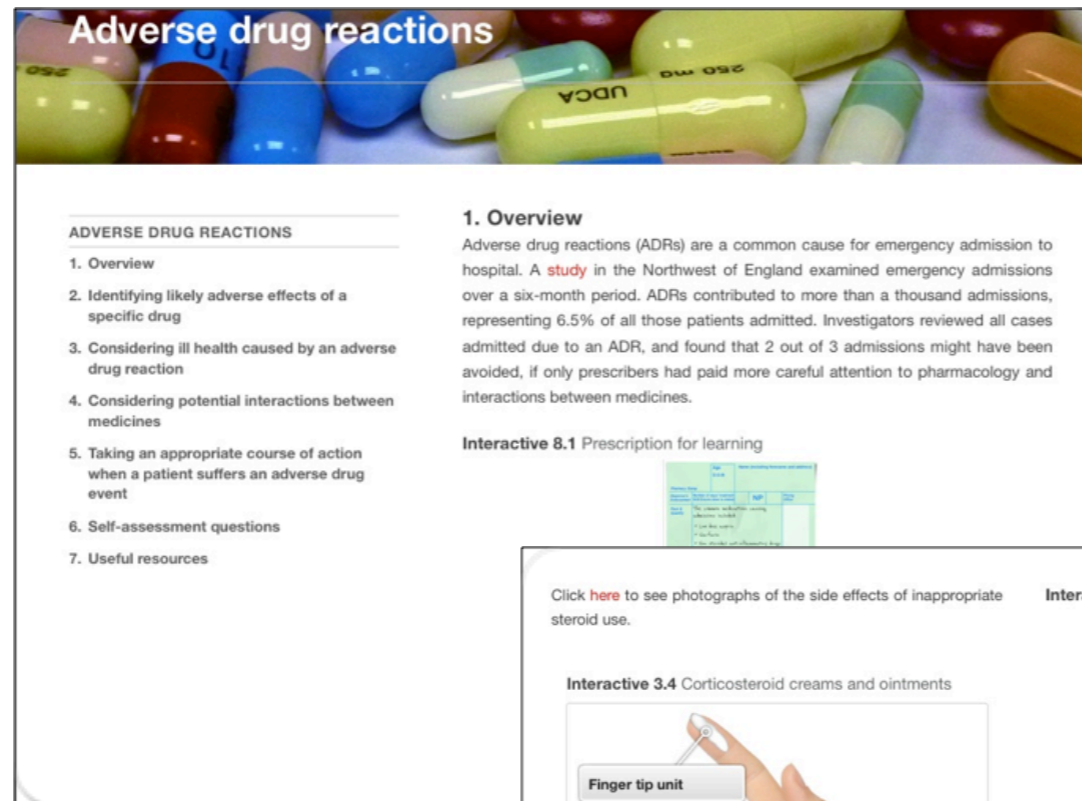
■ ...but some of the close-ups could be clearer

From iPad Tips, Tricks, Apps and Hacks V0.4 - This review does not reflect the views of MMS

Making of the Prescribing iBook

Manchester Medical School undergraduates learn about prescribing as they undertake training in hospitals and community-based placements. This has many benefits, including experiential learning in practice settings. However, face-to-face events focused on prescribing can be challenging to timetable. As the school has supplied all clinical year undergraduates with iPads to enhance their learning, an iBook has been under development to provide an interactive, universally accessible resource to support learning.

I have great pleasure in announcing the release of



Adverse drug reactions

ADVERSE DRUG REACTIONS

1. Overview
2. Identifying likely adverse effects of a specific drug
3. Considering ill health caused by an adverse drug reaction
4. Considering potential interactions between medicines
5. Taking an appropriate course of action when a patient suffers an adverse drug event
6. Self-assessment questions
7. Useful resources

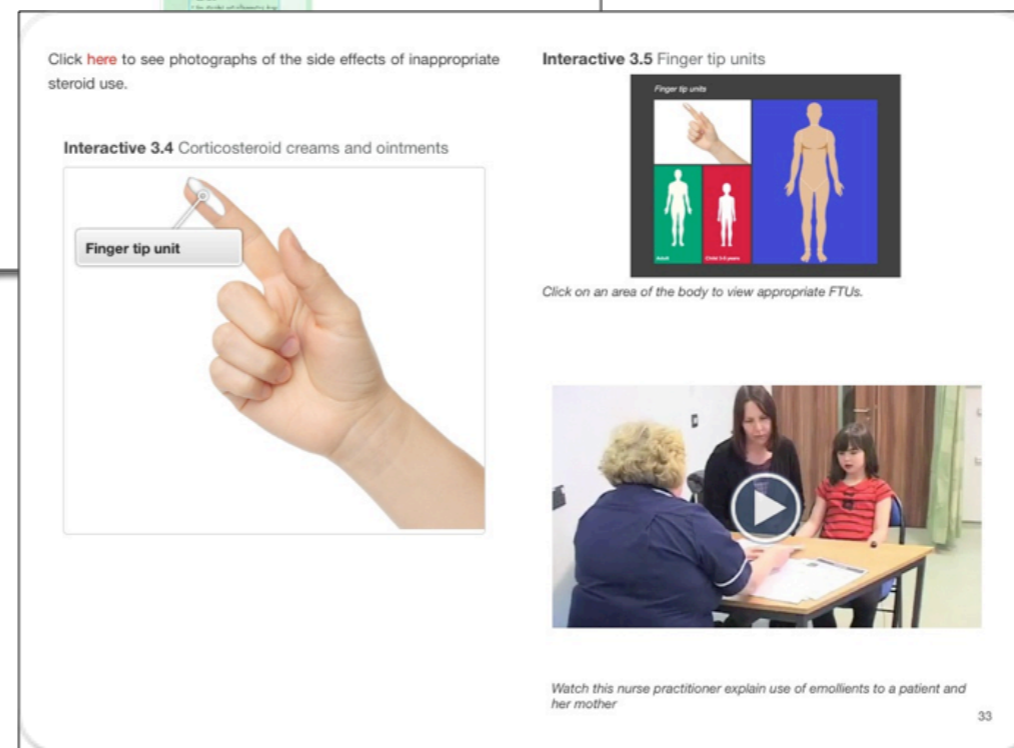
1. Overview
Adverse drug reactions (ADRs) are a common cause for emergency admission to hospital. A [study](#) in the Northwest of England examined emergency admissions over a six-month period. ADRs contributed to more than a thousand admissions, representing 6.5% of all those patients admitted. Investigators reviewed all cases admitted due to an ADR, and found that 2 out of 3 admissions might have been avoided, if only prescribers had paid more careful attention to pharmacology and interactions between medicines.

Interactive 8.1 Prescription for learning

Prescribing skills handbook 1, a free iBook now available via iTunes worldwide, and via the iBooks app on iPads. A core team from our University designed and edited the iBook. We recruited staff across institutions and professions to help create content. Contributions were made by hospital and general practice physicians, hospital pharmacists, clinical pharmacologists

and a Professor of Pharmaceutics. As well as using their expertise and experience to develop chapters, they highlighted useful external resources, accessible through the iBook as links.

The iBook was primarily designed with undergraduate medics in



Click [here](#) to see photographs of the side effects of inappropriate steroid use.

Interactive 3.4 Corticosteroid creams and ointments

Finger tip unit

Interactive 3.5 Finger tip units

Click on an area of the body to view appropriate FTUs.

Watch this nurse practitioner explain use of emollients to a patient and her mother

33

mind. However, as the prescribing iBook has evolved, it has become apparent that the content is relevant not only to medical students, but also addresses prescribing and prescribing related learning needs for undergraduate pharmacists, nurses and other healthcare professions. The development of the prescribing iBook presents an exciting opportunity to engage with students across healthcare professions to augment their prescribing learning in a current, relevant and easily adaptable format.

The iBook was released on May 3rd and so far, there have been more than 450 downloads. The majority of these have been in the UK, but it has been interesting to see a few people from New Zealand, America, France and Canada download the iBook.

The book can be located on the UK iTunes store at this link:

<http://bit.ly/Rxmeds>

It is also available via iPads on the iBooks app if you search for “Prescribing skills handbook 1”.

“Prescribing skills handbook 2” is almost finished, and will be available soon. This iBook resource tackles some of the topic areas that students find more difficult, including prescribing fluids, analgesia, oxygen and insulin. Once again, we plan to release this as a free iBook via the iTunes store.

Remotely control your Mac or PC

The iPad makes it easy to remotely access a PC or Mac

Being able to control a desktop computer when travelling is hugely beneficial in a number of different circumstances. Whether you need to grab a document urgently from your home computer or if you want to check some information on the way to work, an iPad or iPhone can offer you the link you need to keep working.

The three apps here all aim to complete the same goal, but in different ways. They each have different navigation tweaks, setup processes and price points so you'll need to consider carefully before you decide which is best for you.

Access your desktop from your tablet for free with LogMeIn

App used: LogMeIn
Developer: LogMeIn, Inc
Price: Free

- 1: Create an account**
When you open the app you need to create an account and head on over to secure.logmein.com on your Mac or PC to install the software. It only takes a few minutes.
- 2: Find your desktop**
Once the software is installed, you should be able to see your PC/Mac listed on the menu when connecting via Wi-Fi. Select it to start using your desktop on your iPad.
- 3: Start the fun**
You can control your desktop computer's mouse cursor by touching your iPad's screen like a touchpad. Press down on the tablet's screen to 'click' the mouse.

From iPad Tips, Tricks, Apps and Hacks V4

iPad in Medical Education - Student Interview

The following interview with two Manchester Medical Students appeared in the University's IT News, an internal publication for IT Staff

Ian Sampson, a medical student in year five and Amile Inusa, a third year medical student, have been involved with the Medical iPad project. Here they answer a few questions on how having an iPad has benefitted them:

Has your experience of learning been improved by the introduction of iPads?

Amile – I have increasingly used my iPad for more purposes since receiving it. I mainly used my iPad for notes at the beginning, but found that it's also great to reduce the amount you need to carry around, as you can store so many text books on it.

Ian – As part of the trial group, I feel the project is both student and technology driven. We are in control of how we use our iPads and since its introduction there have been so many improvements: greater Wi-Fi access; revamped modules as part of the e-learning package; a BlackBoard app has been introduced; and accessibility has been improved as we can save our work to cloud based applications.

How have you used your iPad most whilst out on clinical placement?

A – Learning resources are handy whilst on placement to quickly brush up on knowledge before seeing a patient. You can also record yourself giving presentations to review what you've said and improve your communication skills.

I – No time is wasted, you can revise during breaks in your timetable and it is great for adding reflective writing to your study portfolio in real time. Patient education is also a huge part of our course and iPads are so useful for imparting knowledge on to someone else; you can use apps available and diagrams to explain things to patients. There's the placement side but also the learning side, I never turn it off during revision!

Have you discovered any apps that are useful to your studies?

A – The medical school bought some for us including a medical encyclopaedia which is really good as it has everything on it! There is also a BNF (British National Formulary) app which allows you to search medications and drugs. It's continually improving as iPads become more recognised in the health care profession.

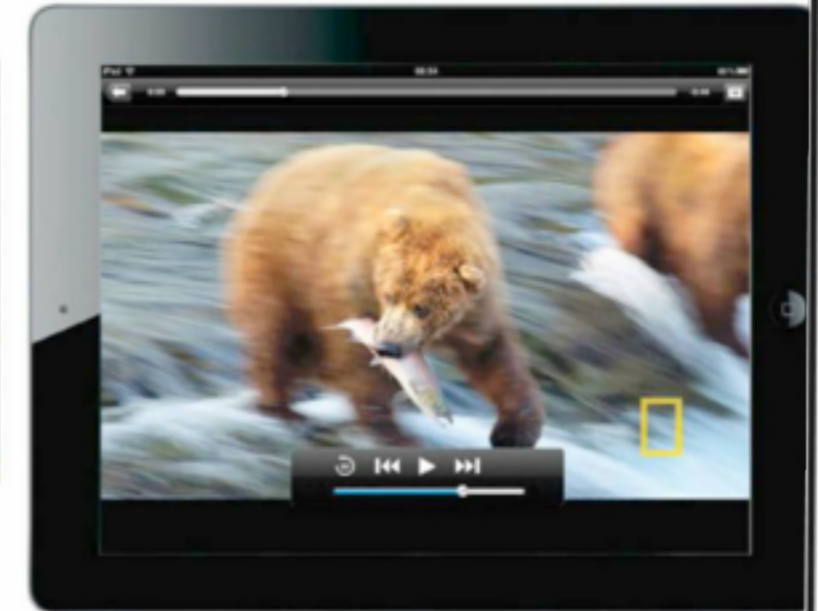
I – The productivity apps are very useful such as iWorks which includes Pages (word processing application), Keynote (PowerPoint) and Numbers (spreadsheet application). Numbers is really useful for quantitative parts of our studies. There is also the 3D 4 medical app (enables 360° views of the human body), it's expensive but incredible compared to a text book!

Finally, would you recommend mobile learning as a way forward for other students?

I – Definitely, it's just great access to information, a library in your hands. We're also ahead of the game learning with this technology now, as I can see it being used more and more in the future of medicine.



■ Store your course materials on an iBooks-style shelf



Price: [Free](#) Developer: [Apple](#)

iTunes U

A valuable and comprehensive educational resource



The main interface of iTunes U looks identical to the wooden shelves of Apple's iBooks and you can interact with the app in a similar way. Tap on the Catalog icon and dive into a deep pool of educational resources. Whether enrolled at a particular university or not, you can browse a comprehensive list of worldwide educational establishments and peruse a wide range of course material in text or video podcast-style formats. Not all academic institutions are represented, but the list is sure to grow. If a course takes your fancy, tap on Subscribe and click Get Course. All of the downloaded course material will appear on your bookshelf.

This app could save you a few trips to the campus library and you might be able to experience that early morning lecture at a more sensible time by downloading the podcast. If you're not old enough to head off to uni (virtual or otherwise), then there's the searchable K-12 category full of school-based resources to explore.

As well as bringing course material to your lap, iTunes U is a portal to a wider range of resources. Tap on Beyond Campus and you'll find that a host of corporate organisations have material for you to enjoy. For example, the British Council shares a video series called 'You're Hired', which follows the process of hiring a team member. This kind of educational corporate video course would be quite expensive in pre-iPad days, but here you can enjoy it for free.

If the concept of a digital university sounds too dry, don't let it put you off. Type in a topic that you're interested in, such as Photography, and



■ Explore many popular educational institutions by category

"As well as bringing course material to your lap, it's a portal to a range of resources"

you'll have dozens of educational clips to download and absorb (like a National Geographic lecture on how to shoot bears!). This is a must-have app for any iPad user, whether they are a student or a hobbyist. It will educate, inspire and maybe surprise you!

Rating ★★★★★

Tips & Tricks iPad Secrets **Tip 33**

Shake To Undo

WHILE TYPING, SHAKE the iPad up and down and an **Undo Typing** option will pop up.

If you don't feel comfortable shaking your iPad, you can use the **undo** button instead. This is on the **.?123** keyboard. There is a **redo** button on the **#+=** keyboard.



From iPads, Tips, Tricks, Apps and Hacks V0.4

For More about iTunesU go to News and Updates section.

News and Updates

The latest iPad information for MMS



Minis for Year 3

Since the start of this academic year, Apple have released the iPad Mini and early feedback from the US indicated it was better suited to use in a clinical setting due to its size and weight. We decided to test the Mini by giving a number to some year 5 students who already had iPads and some in Phase 1 who didn't. Part of this evaluation was reported in the last issue of MiNE and the overall results showed an unequivocal preference for the Mini. It's sheer portability with no loss of function more than made up for its smaller screen size. It was seen much more as a portable notebook rather than a small computer. So, when it came to a choice of purchasing iPad 2s or iPad for year 3 students for the start of the next academic year, it made sense to go for the newer device. So next year, you will see all the new clinical intake carrying around their smart, black iPad Minis - which functionally are exactly the same as your iPads -so give them a hand if they look stuck!

Yours to Keep

As you will be aware, we took the decision earlier this year to allow students to keep the iPad as their own at the end of year 5. So the question is, why wait until the end of the programme to gift you the iPads? No reason. Hence the iPad is yours with immediate effect. In keeping the iPad you agree and accept that you are fully responsible for use of the iPad going forward and the University will have no obligations in this regard. The iPad is provided to you "as is" and the University makes no warranty or representation in relation to the iPad, including without limitation, in relation to its fitness for any use you wish to, or do, make of it. Accordingly, the University, to the fullest extent permissible under law, excludes any and all liability to you or any other party in relation to the iPad and/or any use you make of it.

What this means is that you will be responsible for insuring it and getting it replaced if it becomes lost, stolen or damaged although IT services will still provide support and a link to Apple if the device is faulty. The Mobile

Device Management (MDM) software that was pre-installed will need to remain on your device until you leave. The use of this software has been critical in persuading Information Governance in the NHS that students could safely be given access to WiFi in the hospitals. Without this on your device, you will not be able to access WiFi in many of the DGHs which is why it's vital you retain this on your device.

We are confident you will continue to enjoy using your iPad and the existing content and new ideas we have planned will enrich your learning experience at Manchester.

iTunesU@MMS

iTunesU allows anyone with an iTunes account to access a range of courses designed and delivered by Universities across the world. Using the iTunes U app, students can play video or audio lectures and take notes that are synchronised with the lecture. They can read books and view presentations. See a list of all the assignments for the course and tick them off as they're completed. Many Universities both in the UK and in the US already use iTunesU to deliver much of their content.

The Medical School at Manchester, along with FLS, have been instrumental in getting Manchester University to commit to its own iTunesU channel. The contract with Apple was signed earlier

this year and MMS and FLS have been chosen to pilot some initial courses on iTunesU before it's rolled out to other parts of the University.



We are therefore going to be offering two modules in Phase 2 as complete courses in iTunesU from next academic year; one in year 3 and one in year 4. The course material will still be available in Blackboard as now, but for those who want to access the course in iTunesU, we will distribute a link and an enrollment code for this private course at the start of the year. The iTunesU course will allow you to access and download all the content onto your iPad, provide some interactive elements such as note taking and sharing and allow us to send you notifications about the course directly to your iPad. For more information about iTunesU go to <http://www.apple.com/uk/apps/itunes-u/index.html>