

# MIMS MATTERS

Summer Edition 2013



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## Visual Medication Summaries

### A Creative Solution for a Complex Problem

At low tide a row boat can travel between Australia and a nation under strain to tackle a strain of drug resistant tuberculosis in fifteen minutes. Over the past decade some 200 people with tuberculosis have travelled the narrow band of water separating Papua New Guinea and the Torres Strait islands of Queensland.

The World Health Organisation estimates there are around 15,000 cases of tuberculosis (TB) registered each year in PNG and this accounts for more than 3,500 deaths.

A treaty Protection Zone allows Papua New Guinea inhabitants and Australian nationals to mix freely on the outer Torres Strait islands and so a shared strategy to deliver treatment and limit the transmission of the disease is being undertaken by both countries.

Tuberculosis holds the record for being the greatest infection killer in human history. TB has claimed an estimated billion lives in the last 200 years. Now the emergence of multi-drug resistant TB has resulted in sufferers having to undertake a complex multi-year regime of treatment rather than previous approaches which typically were completed over six months.

The daily regime for a sufferer can initially include a mixture of up to 17 or 18 pills to be taken daily and while the treatments in Australia typically include isolation and hospitalisation, sufferers eventually will return to their communities with a course of medications to be taken. While TB is a particular focus in the Torres Strait, it is only one of many conditions that require a complex regime of medications to be provided. Instructions for the use of these medications need to be provided and this is frequently complicated by limited understanding of written English by the patient.

Cairns Base Hospital is a key facility serving residents of the Torres Strait. Cairns is also a key provider of services to a local multicultural population and Indigenous Australians who may be challenged by following written discharge instructions. The need to effectively communicate the medication plan was a challenge faced by Shelley Pember, a Paediatric Pharmacist at Cairns Hospital.

At the Medicines Management 2013 SHPA National Conference Shelley presented a contributed paper "A Picture Speaks a Thousand Words. SMART Phone Technology for Photographic Patient Discharge Summaries.

The full impact of the problem of language was realised by Shelley as she noticed a misinterpretation of a written medication instruction. A "½" written in marker pen on the lid of a bottle of tablets as a guide for administration was interpreted in one case as ONE tablet in the morning and TWO tablets at night. This together with other similar challenges of providing written administration guidance made Shelley realise there was the need for more effective printed communication.



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## Visual Medication Summaries continued...

This thinking drove the development of a creative new style of discharge. A visual "photographic" discharge summary is the result.

Photographs of the patient's pills and medications next to the bottle or pack are taken. Photographs and graphics also represent time of day of administration and dose. Where possible six months' supply of the same brand of medication is provided to reduce the likelihood of confusion resulting from packaging or tablet changes due to different suppliers.

The patient and their family are involved in creating the visual medication guide and the result is a printed booklet for the patient that includes the photographs together with simple text and graphical preparation and administration instructions.

Shelley's conference presentation highlighted compelling benefits that have been realised by this improved approach:

- Photographs have proven superior to written discharge medication summaries where written English is not well understood.
- Increasing participation by the patient in developing the "medication album" has directly improved the accuracy and compliance with complex drug regimens.
- Exploring modern mediums of communication (such as easy to use digital cameras) has enhanced clinical practice.

**Morning Medicines for Penny**

No Kim Kai Kai Kissim Lo empty stomach



**Pyrazinamide 1 tablet**



**Pyridoxine half (1/2) tablet**



## iOS7 User Interface Modernisation – What's next for iMIMS

Many of you will have downloaded iOS7 already as it was released on September 19th for Australian users. The most obvious difference is the significant changes in the look and feel. Following the industry trends, Apple decided to do an overhaul of their mobile platform user interface. The key areas that Apple focussed on are general modernisation of the UI, clearer displays, cleaner fonts, use of white-space, and simplified icons.

<b>iPhone Devices</b>	<b>iPod Touch Devices</b>	<b>iPad Devices</b>
iPhone5s	5th Generation	iPad 2
iPhone5c		iPad with Retina Display
iPhone5		iPad Mini
iPhone4s		
iPhone4		

With iOS7 there is a learning curve, and it will take you a few days or even weeks to get used to it. Like most technology, it will become second nature after a while. If you would like to read more about iOS7, then go to Apple's official page by clicking on the following links: <http://www.apple.com/au/ios/> and <http://www.apple.com/au/ios/what-is/>.

It is not essential to update your device but it is often useful to keep it up to date. With several security flaws already found in the initial release of iOS, Apple has provided a few updates. At present the latest release is iOS 7.0.4.

You should also be aware that iOS7 is only available to be installed on newer Apple devices.

The table outlines those devices that are able to upgrade to iOS7.

Please read the rest of this article to find out more about what else is happening to iMIMS.



continued page 3

## What impact does iOS7 have on iMIMS?

Those of you who keep up to date will already be aware of some technical glitches in iMIMS caused by iOS7 that we have published previously. If you are not aware of the issues, you can read about them on our knowledgebase website via the following link: <http://mims.com.au/index.php/technical-support.html?view=supports&id=9>.

By far the biggest impact to iMIMS is that when iOS7 was released, Apple changed some of the rules and regulations that developers must comply with. As such, iMIMS is required to provide the standard Apple In-App-Purchasing mechanism. Additionally, Apple have changed the way in which iMIMS is able to identify devices so MIMS has had to make a number of changes to ensure iMIMS continues to link to your subscription correctly. Whilst these are more backend technical requirements, it did create quite a bit of additional work.

All of the iOS7 related issues have been completed by MIMS and we are currently waiting for v1.3.0 of the app to be approved by Apple.

Whilst iOS7 may not appeal to everyone's taste we do think that over time many apps will require you to upgrade your iOS to ensure they work correctly. For now, we have done our best to ensure that iMIMS v1.3.0 will run on your older devices running iOS5 or later.

iMIMS will now also utilise the larger height screen resolution of the iPhone 5. You can still use iMIMS on your iPad, however iMIMS will run as an iPhone app on your iPad (i.e. magnified).

The images below provide a comparison of the Abbreviated Product Information screen. As you can see there is minimal difference when running iMIMS v1.3.0 on iOS5 compared to the previous version of iMIMS (v1.2.3) running on iOS7. The display of iMIMS v1.3.0 clearly looks different and appears like a typical iOS7 style app when running on iOS7.

iOS7 – iMIMS v1.2.3 (iPhone 5s)	iOS5 – iMIMS v1.3.0 (iPad 1)	iOS7 – iMIMS v1.3.0 (iPad mini)
		

One thing you may also notice in iOS7 is a change in the way the App Store searches and displays when using an iPad. For iPhone only apps (like iMIMS), the App Store will not show the app by default and you may think the app is no longer available when in fact it is. You must tap on the "iPad Only" menu and change this to "iPhone Only".

After selecting this option the iMIMS app will be listed.



## Your one-stop shop for summer health and medicines information for your patients

- Bluebottle stings
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- Water safety
- Splinter removal
- Travel health
- Wound care
- Sports & fitness



Remember myDr also has the largest collection of online Consumer Medicines Information and Health Calculators. Because it's HealthInsite accredited, you know you can safely recommend myDr to your patients.

[www.myDr.com.au](http://www.myDr.com.au)

# Celebrating Half a Century of Change



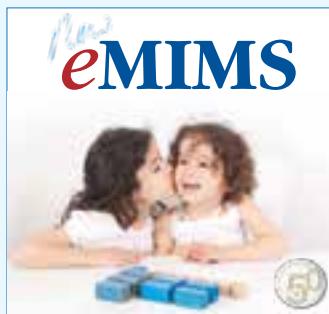
Since November 1963 when the first issue of MIMS Australia was published, medicine has seen many improvements and innovations. As medicine has changed, so has MIMS, advancing from a printed book in 1963 to now being available across the web, CD Rom, iPhone and integrated into many clinical software systems. As we celebrate our 50th birthday of providing Australian healthcare professionals with reliable and high quality medicines information, we have compiled a timeline of some of the milestones for medicine, society and MIMS over the past half century.



# MIMS

Celebrating 50 momentous years

# Launching eMIMSCloud at PAC and the AACP Day



eMIMSCloud



many change can be disruptive and our aim is to make it as easy as possible.

The MIMS team welcomed the chance to put people's mind at rest, provide them with the opportunity for a trial and ensure that, when they do switch, the new version is familiar. We started at the AACP Day – some of our most consistent users, who we know use content in eMIMSCloud that many community pharmacists may not yet have unearthed. The feedback was terrific, with huge interest in the ability to use eMIMSCloud on tablet, laptop or PC. The simplicity of the interface and the rapid availability of all the content was another big plus for this group of users.

We were so busy on the stand throughout PAC that it was hard to ensure we were able to answer everyone's questions. If we didn't get to you, please do call the client services team on 1800 800 629 and they will be able to answer any questions you may have about the new eMIMSCloud.

We conducted our now infamous survey and gave away three bottles of Moet and Chandon – one each

It was the moment we'd been waiting for – the opportunity to take new eMIMSCloud to the customers and see their responses, while gaining some much awaited feedback. Pharmacists from all walks of life are regular users of the old eMIMSCloud CD and we understand that for

day to a winner drawn by a PSA employee. Congrats to the winners and we hope you enjoyed your prize! As always, the survey gave us insight into the users of our products, with over 70% telling us that they feel MIMS provides products of better quality than other sources of medicines information. eMIMSCloud is the primary product used by the pharmacists surveyed but MIMS Online and iMIMSCloud are also popular.<sup>1</sup>

Thank you so much to everyone who took the time to fill out the survey – without your input we cannot provide you with MIMS digital products that meet your needs.

We shared our stand at PAC this year with an organisation MIMS is proud to support. Velda and Tony from Pharmacists Support Services joined us and did a great job informing all comers about the work they do. Pharmacists Support Services provide peer support and a listening ear to pharmacists, interns and students who are in need of understanding and support. To learn more about this group of pharmacists, who are all trained in the crisis model of telephone counselling to support their colleagues, you can visit their website: [www.supportforpharmacists.org.au](http://www.supportforpharmacists.org.au).

We loved having you with us Velda and Tony and hope we can do it again in 2014.

To find out more about eMIMSCloud and the soon to be released eMIMSCloud visit [www.mims.com.au](http://www.mims.com.au) or scan the code.

1 MIMS 2013 AACP/PAC Survey



## Best Practice move into new state of the art facilities



"Bursting at the seams" was the way Craig describes the old offices Best Practice had been renting for some years. The obvious solution was to build something new that would provide room for growth, more comfort and facilities for the staff and includes "cutting edge communications and data technology" to support the growing business.

The new national office (BpHq) was officially opened by the Governor of Queensland, Her Excellency Ms Penelope Wensley AC at a private industry function for invited guests in April this year.

BP is also planning another summit user event; to include conference, training and workshops in 2014. It seems they have outgrown Bundaberg, and this year the summit is heading to Queensland's Sunshine Coast.

Best Practice customers and users wanting more information on the Bp Sunshine Summit 2014 can register their early interest by emailing [bpsummit@bpsoftware.com.au](mailto:bpsummit@bpsoftware.com.au)

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# GPET 2013 Fun and Fantastic Sessions in Perth

Perth proved to be a wonderful venue for the 2014 General Practice and Education Training annual conference. Sessions were designed to motivate and inspire while focusing on the best methods of training and delivery of quality supervision and resources. Trainers, registrars and junior doctors from every part of Australia come together at this conference each year to share their challenges, their opportunities and work together to find solutions.

Some of the most popular sessions this year looked at eHealth and eTraining; deliberating on the ways that technology and social media can enhance not only training, but also patient care.

Another area that created wide interest for this dedicated group of healthcare professionals was accessibility and social inclusion. This incorporated registrar and junior doctor accessibility to training; the accessibility of education, training and support to OTDs. The sessions also looked at training within, and for the care of, potentially marginalised groups, for example: Aboriginal and Torres Strait Islander peoples, refugees, prisoners and the homeless.

And, how they love to party – the dinner showed yet again the raw talent this group have when they were asked to perform and submit an entry in the GPET Goes

to Hollywood Movie Competition. The videos each group made provided wonderful entertainment – I just hope they enjoyed making them as much as I enjoyed watching them.

Congratulations to:

**Winner:** NCGPT with 'NCGPT's Favourite Things – The Sound of Music'

**Runner Up:** WentWest with 'So Long, Farewell – The Sound of Music'

**Best Actress:** Dr Genevieve Yates – NCGPT for her role in 'NCGPT's Favourite Things'

**Best Actor:** Dr Brett Dale – NTGPE for his role as the 'Thug' in 'Crocodile Dundee'

Links to all the video entries can viewed here: GPET Goes to Hollywood Movie entries (PDF 337.9KB)

For more information relating to the 2013 GPET Convention including the venue, keynote profiles etc please visit the official GPET Convention Website.

The 2014 GPET Convention will be held on Wednesday 3 and Thursday 4 September at the Royal International Convention Centre in Brisbane.

# 39th SHPA National Conference

In a rapidly evolving and increasingly demanding health care environment, Health Care professionals and providers are under increasing pressure to optimise medicines management, patient safety and quality. Pharmacists play a critical role in this improvement process. Australia's Society of Hospital Pharmacists Association (SHPA) actively promotes education, training and discussion to ensure their members embrace and lead changes to present and future medication management.

The 40th SHPA National Conference "Medicines Management 2013" was held in Cairns. More than 850 delegates were treated to an inspiring and stimulating program, with 80 papers contributed, 300 posters, and a series of entertaining and thought-provoking invited speakers.

In 2013, MIMS again supported the conference with the majority of the delegates being current subscribers to our well-established digital products: MIMS Online (web delivered) eMIMS (CD-ROM delivered) and our mobile device solutions.

A constant crowd of delegates at the MIMS exhibition stand got to experience "Don't Rush to Crush"; the addition of the SHPA's crushable

medication advice to MIMS Online. This new content provides support and Australian-based information to enable healthcare professionals to give medicines safely to people unable to swallow solid oral dose forms. Having this information at hand will ensure that patients receive their medicines in a manner that is safe and maintains the efficacy of the medicine. There is also advice on optimal preparation methods for medicines, as well as making healthcare professionals aware if any extra precautions are required.

Delegates visiting MIMS also had the opportunity to discover the evidence-based drug herb interactions data base "IMgateway" which is now available within eMIMS. With frequent discussions on the stand regarding the use of complimentary medicines, it is clear that the addition of Australian evidence-based drug herb interactions in MIMS has become a frequently used resource in hospital pharmacy.

Next year the SHPA Medicines Management meeting will be held in Darwin. MIMS is looking forward to once again supporting the diverse scientific program, thought-provoking speakers, and this time in one of Australia's most adventurous cities.



# Telstra investing in eHealth to enable safer and more efficient healthcare

Currently, vital information that contributes to optimal patient health provision is locked in individually valuable but disconnected technologies and systems. In recent months, Telstra have dramatically increased their investment in eHealth communication and information capability to overcome what they see is presently a dysfunctional system of home health and aged care that leads to preventable hospitalisations and premature entry into residential aged care.

Telstra's health division aims to transform how Australians experience health services by improving efficiency, convenience, quality and co-ordination of care. With this aim, Telstra have made several acquisitions and investments in recent months focusing on telehealth, care co-ordination, consumer health portals, electronic health record systems and enabling systems.

One area of Telstra's focus is to create a safer and more efficient pharmacy system which will improve patient health and safety as well as create new ways for pharmacy to service its customers and run its business. As part of this strategy, Telstra recently took a substantial stake in pharmacy software provider Fred IT. They aim to improve compliance, access and management of patient medication histories and deliver business improvements that will ultimately benefit both the community and health industry that serves them.

Telstra believes that at almost every point of contact with the health system there is an opportunity for technology to transform an individual's experience;

from receiving tailored health information to ordering repeat prescriptions and pathology testing. Telstra's investment in HealthEngine underpins their plan to provide the capability for consumers to book appointments for health services online. This is designed to overcome the limitations of the present health system, which is focused on phone scheduled appointments and usually results in a time most convenient to a manual appointment system rather than the consumer. Telstra believe that these advances in appointment scheduling could be as revolutionary as the benefits that were gained through internet banking.

Telstra's focus has also extended to home healthcare applications. These can offer the possibility of real-time diagnostic information being made available to GPs and nurse care co-ordinators. The ability for enhanced use of video conferencing technologies together with captured clinical data can potentially allow a person to have a consultation with a health professional anytime and anywhere.

Telstra aims to combine its traditional strength in telecommunications with specialised eHealth applications and services to systematically address many of the major challenges that confront the present health system. As a provider of medicines information and clinical decision support to Telstra, MIMS shares this vision and hopes to help transform the experience of health services by improving efficiency, convenience, quality and co-ordination of care.

## Congratulations to Dr George Zaharias

### GPET MIMS GP Medical Educator of the Year

MIMS has proudly supported GP education for many years and this year once again presented the award to the Medical Educator of the Year.

The GPET Awards are designed to honour significant contributions from individuals and organisations involved in the Australian General Practice Training (AGPT) program. These, including registrars, supervisors, educators, regional training providers (RTPs), RTP staff and organisations that work closely with RTPs and that contribute to the AGPT program.

Our congratulations go to all the winners

- GPET/GPMHSC GP Registrar of the Year - Dr David Chesson, NCGPT
- GPET/GPMHSC GP Supervisor of the Year - Dr Alastair Stark, VMA
- GPET/MIMS Medical Educator of the Year - Dr George Zaharias, VMA
- GPET RTP Staff Excellence - Dr Liz Degotardi, NCGPT
- GPET/Ochre Health Aboriginal and Torres Strait Islander Health Training - Dr Emma Griffiths, WAGPET
- GPET RTP Innovation - Coast City Country General Practice Training: 'Recognising and supporting the GP registrar teaching team'



# Staff Profile

## Wai Fun Leong

### Deputy Director for Healthcare Data Services (Asia)

### MIMS Singapore



#### What I do?

I am leading the healthcare data business development in Asia. MIMS has been partnering with many Government and private entities across Asia Pacific for the supply of medicines information in both reference and integrated scenarios.

One of my roles is to work closely with the business development teams across the region, including Australia, to ensure a seamless experience for vendors and end users of MIMS knowledge solutions.

My current initiatives include the development of MIMS Gateway, a workflow-oriented reference solution designed to provide clinicians timely and relevant clinical information at the time of decision-making.

#### How long have you worked at MIMS?

In 1997 I joined MIMS in Singapore as a Drug Information System Editor, and served as Asia's Chief Editor for Drug Information System division for the past ten years. I was part of the pioneer team which launched MIMS integrated medicine decision support business in Singapore and Malaysia.

#### What is your background?

After 3 years as a high school teacher in New Zealand I graduated with a Pharmacy degree from the National University of Singapore. Due to my innate curiosity to learn more about database modelling and information systems, I enrolled in the Graduate Diploma in Systems Analysis programme at the Institute of Systems Science Singapore in 2000.

#### What do you enjoy most about your role?

I was most fortunate to be given a lot of opportunities to be deeply involved in many key product development projects. Innovation and future proofing have been the pivotal focus. I am hugely proud of the MIMS Content Management System project, which has an enabling framework that is modular and scalable, and offers the ability for standardisation and streamlining of editorial processes so as to achieve consistent quality across all product lines. Last but not least, it is immensely rewarding and enjoyable to work alongside a dedicated and talented group of colleagues with unwavering commitment to delivering new and better products and services.

#### What do you see as the challenges for MIMS?

MIMS operates in an increasingly complex and rapidly changing landscape. Not merely to survive but to thrive, MIMS must flexibly adapt to changing demands. I am confident that we have the people, the expertise and the commitment to achieve this.

#### What do you enjoy outside the office?

I am a keen cyclist, and am often to be found cycling on my Tern Eclipse P8 around Singapore park connectors. I am also a LEGO enthusiast, building up a modest collection of Technic and MindStorm models. A typical weekend bonding at home is spending quality time with my two children, the LEGO way!

# Conferences

#### Vala 2014

**Monday 3 February – Thursday 6 February**  
**Melbourne Convention Centre**

[www.vala.org.au](http://www.vala.org.au)

**Australia Pharmacy Professional Conference**  
**Friday 22 March – Sunday 24 March**  
**Gold Coast Convention Centre**

[www.appconference.com](http://www.appconference.com)

#### Health-e Nation

**Tuesday 25 March – Thursday 27 March**  
**Sydney Convention Centre**

[www.health-e-nation.com.au](http://www.health-e-nation.com.au)

