

Infection control training challenges

- · Wide geographical dispersal of staff and facilities
- Governance, regulatory and accreditation requirements for documented training at orientation and thereafter
- Emerging credentialing requirements- eg. Hand hygiene, invasive device care
- · Availability of educators ; availability of staff for training
- · Need for different levels and types of training
 - clinical, non clinical - practical/theory
 - literacy and language barriers
- · Issues with engaging/reaching medical staff
- Translating education in to behaviour change!!

'e-learning'

- · Advantages:
 - Enables distance learning at time that suits person
 - Ability to take up where one has left off
 - Can be designed to appeal to several different learning styles
 - Often used conjunction with face-to-face teaching and practical instruction (skills labs) - blended approaches,
- · E-Learning pioneer Bernard Luskin: the "e" should be interpreted to mean exciting, energetic, enthusiastic, emotional, extended, excellent, and educational!

Examples

- Australian Commission on Safety & Quality in Healthcare Hand Hygiene Australia package
- Infection control practitioner training package Donning and doffing of respiratory personal protective equipment
- (video)
- Central line insertion- CEC, NSW
- Intuition (UK) www.intuition.com NHS, UK
- Infection control training
 Sterilisation and disinfection (decontamination) training
- Vascular access device
- Urinary catheter insertion and careAntibiotic stewardship
 - Scottish PAUSE site <u>http://www.pause-online.org.uk/</u>
 Generic prescriber training (Manchester)

 - Specialist modules- ICU- CEC, NSW
- Low resource settings: <u>http://www.engenderhealth.org/ip/index.html</u> courses funded by Gates Foundation





	nealthcare workers during the course of a normal working
day. Hand Hygiene should be a "habit" for all hea Some examples of when to perform Hand Hygiei - Before and after touching a patient, including - After actual or potential contact with body fluit - If moving from a contaminated body site to a c - After touching a patient's environment even if - Before and after glove use - As you enter and leave a patient care area	Ithcare workers. Section B - Questions 01. When should you not use Alcohol Based Hand Rub? © On the weekends @ Batelos parting an glooss C if you hands are withly solled C if you hands are
* As you enter and rever a parent cate area If hands are visibly solied use soap and water If hands are visibly clean use the alcohol based h	2.2. Which of the following products can be used for Hand Hygiene? C Activities as and water C Activity asses hand rubs C Activity asses hand rubs C All of the above
	O3. What is the most efficient product to use for Hand Hygiene? C Bar soap and running water C Liquid scapa and running water Efficient Based Hand Rub C Running water





"Clean between"		
A "Clean Betwee any Hand Hygier	en" program will complement le program as it	
 Minimises the from hospital Aids the sust program 	Safety facts Absorption	
The components program are:	· You cannot absorb enough alcohol through your skin to lose you driver's license	
 If equipment i water should 	The overall risk of fires associated with Alcohol Based Hand Rub is extremely low Consult Material Safety Data Sheets, local Occupational Health and Safety, and HHA guidelines for	
	Ingestion is utilized gas Value of Deced Value Value resolutions The net of possing is Section E - Questions Solathes O1. What should you use the alcohol Impregnated wipes or cleaning wipes on?	
	Product should be plan C BP cufs Product should be plan C P states sides If a splash occurs don C Putas Chil MAI of the above	

























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NHS eLearning comments about course

- · Complaints re UK-specific content/setting (several)
- The repetition certainly re-enforced information, the quizzes were very helpful in keeping focus on the particular section...
- It is a very useful learning tool and can be taken at a persons own pace.
- A good course could be done in small chunks of time. Easy to
- navigate. Didn't get 100% on all assessments so wasn't over-easy!
 Excellent tool to reinforce need for consistent infection control
- measures.Good use of statistics to emphasize the issues enjoyed doing the
- Good use of statistics to emphasize the issues enjoyed doing the course would like to continue to go back so as to keep learning
- I feel all staff need to do this course to remind them of how important is is to prevent the spread of infection
- Well put together
- As I live in a remote location, it is often difficult to attend course away

Where next with eLearning in healthcare?

- Transferrable electronic training/ certification records for all staff
- Embed eLearning training programs within complete online learning environment (e.g. Moodle, Blackboard etc)
- Track/integrate other face-to-face training and assessment in to same record
- Auditable compliance with training requirements

Australian plans

- Australian revised ICG to be released late 2009
 - Plan to develop national training tools for HCWs on infection control
- · Antibiotic stewardship strategy
 - Training materials for prescribers and pharmacists envisaged

eLearning 2.0

- Collaborative approaches
- Asynchronous vs synchonous activities
 Blogs, wikis, bulletin boards
- Screencasts
- Learning modules merlot
- increased emphasis on <u>social learning</u> and use of <u>social software</u> such as blogs, wikis, podcasts and virtual worlds such as <u>Second Life</u>

Microbial literacy

- Primary, secondary approaches
- Standardise training across tertiary health sciences streams
- Community education
- E-Bug <u>www.e-bug.eu</u> Antibiotic and hygiene teaching resource aiming to reinforces an awareness of microbes, hand and respiratory hygiene and the benefits of prudent antibiotics use among junior and senior school children across Europe.



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- Intuition:
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References

Merlot: expanding central repository for online education with peer reviewwww.merlot.org

www.hicsiganz.org - send us your own examples or suggestions to share with others! email Michelle Taylor at hicsig1@gmail.com

