



Annual Awards 2011 Entry Form

Name of organisation of Centre of Risk, Barts & The London School of Medicine & Dentistry
Richard Mackie

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Name of endorsing person Professor Bruce Kidd
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Please tick the relevant box below to indicate which category you wish to enter

Risk Manager of the Year	<input type="checkbox"/>	People Risk	<input type="checkbox"/>	Community Risk	<input type="checkbox"/>
Operational Risk	<input type="checkbox"/>	Strategic Risk	<input type="checkbox"/>	Risk Management Young Achiever of the Year*	<input checked="" type="checkbox"/>

*Applicants for Risk Management Young Achiever of the Year should indicate their date of birth here: 25/06/1983

N.B. If you wish to enter more than one category, a separate entry form is required for each category.

Please type your executive summary here. The summary should be no more than 500 words. Please use Arial font, size 11, at 1.5 line spacing. Use additional spacing between paragraphs.

Richard took up his post with Barts and The London School of Medicine and Dentistry in 2008. With an initial remit to introduce risk management to healthcare education and research, Richard met this and more.

The NHS has seen a significant rise in the number of medical errors and complaints against staff, recognizing that this trend can be reduced by tackling the problem at its root – medical education, Richard developed a teaching plan for undergraduate medical education.

One of the first challenges identified was marketing the subject to students and staff many of whom regard Risk Management as a burden, the benefits of which are not instantly visible to the untrained eye. In addition, the intense subject of medicine meant convincing heads of year that providing a space within their teaching programme – which concentrates heavily on clinical and science subjects, would be beneficial to their students providing firm foundation for a safer future career. Richard successfully managed to gain curriculum space to provide teaching throughout all 5 years of the MBBS programme including offering special study modules and adding an element of Risk Management and Patient Safety teaching to other subjects such as the award winning communication skills programme.

Enthusiasing students with the subject became challenge number 2; along with the more traditional teaching methods, Richard created an interactive website hosting an exciting array of cartoons, games, podcasts and videos, in addition he used a poster and leaflet campaign throughout the medical school.

Richard acknowledged that the subject of risk Management and Patient Safety is multi layered and needs to encompass students of medicine and allied health professions, and teaching staff as their inattention to teaching risk management can be the foundation of future problems.

Successfully launching his programme to the medical school, Richard has now taught over 300 staff and 1500 students, his hard work and commitment was rewarded when he and his team won the RM Professional “Team of the Year not for profit” 2010.

Building on the success of the teaching programme, and with full support from the medical school, Richard secured several inspirational speakers and held the “Making Tomorrows



Executive Summary

Doctors Safer” conference in January 2011, The conference was attended by 150 delegates representing all health professionals and medical schools from England, Scotland and Wales.

As a result of the conference, ties were formed with medical schools throughout the UK and the need for an alliance of all health training institutes has led to the formation of NAPSE – The National Alliance for Patient Safety Education. This will provide a national resource for the teaching of risk management and patient safety to all medical and allied health professionals.

Richard has successfully raised awareness of the subject of Risk Management and Patient Safety to the Medical School and on a UK wide Platform via NAPSE. His enthusiasm and commitment to prevention of patient error places Richard as a worthy candidate for Young Achiever of the Year.

Professor Bruce Kidd

Please write your main submission here. The submission should be no more than 1500 words. Please use Arial font, size 11, at 1.5 line spacing. Use additional spacing between paragraphs.

10 Years From Now - Have We Just Saved Your Life?

Reducing the number of medical errors by introducing medical students to the concept of risk management early on; and continuous reinforcement of this throughout their training, will minimize the number of adverse incidents in future and ease the financial burden upon the NHS.

Following a grant of £250,000 from HEFCE, The Centre of Risk for Clinical Research and Practice (COR) was set up to do just this. As Director, I have led the project in collaboration with Barts and The London School of Medicine. Following 30 months of intensive work, I have introduced cost effective and comprehensive training into MBBS training. The programme has been designed to allow it to be easily adapted to the training of other health professions.

The new programme, entitled “**Making Tomorrow’s Doctors Safer**”, is an innovative package including multi-media teaching materials and encompassing the recommendations from the GMC “Tomorrow’s Doctors” (2009), and the WHO Patient Safety curriculum.

Meeting the Challenges

Teaching risk management to medical students on a formal basis in a structured programme is not the norm in the MBBS. Space within the curriculum is at a premium. All specialists believe their subject is more important than the next; there is a strong sense of the importance of “traditional” teaching by some of the older staff who strenuously resist the new subjects and, given that I am the same age as some of the students, it can be seen how this problem amplifies!

One of my first challenges, therefore, was to win over many of the medical school’s academic staff. I did this by launching a PR offensive; attending the year committees, visiting Year Heads and Administrators and generally maintaining a high profile. Where the academic staff were not keen to provide space in their timetables for Risk Management and Patient Safety, I negotiated a compromise whereby I offered a separate programme available to students as a Special Study Component (SSC).

SSCs are a compulsory element of the MBBS training. Each student must complete two or three SSCs a year, and they provide a chance for students to study in depth a subject of their choice. In support of the SSC programme, and for the subject in general, as a first step, I commissioned a series of promotional materials which were distributed around the medical school. These featured bright and colourful designs, focusing on a brand image and appearing on television screens and poster boards around the student campus.

Staff and students began to be aware of the subject of Risk Management and Patient Safety and a few students chose to study it as part of their Special Study Module programme.

Making Tomorrow’s Doctors Safer – The Programme

The programme has expanded and is now offered to students in all years of the MBBS as shown below:

Year	SSC	Formal Teaching
1	Risk Mgt Why Bother?	Introduction 1 hour Lecture
2	Risk Reporting, Why Bother	1 Hour Lecture
3		3 x 1.5 hour seminars
4		1 Hour seminar
5	Practice	Compulsory Seminar Session within the “Preparation for Practice” module

Moving with the Times.

One of the challenges faced by teachers is to impart their teaching in a way that appeals to the modern student who, used to using technology, does not react well to old style teaching methods. In particular, teaching within a traditional lecture theatre setting has several problems:

- ❖ Lecture theatre teaching is not the optimal learning style for many students.
- ❖ Not all teachers can enthuse students – use of old teaching materials and “dry” delivery, leads to students becoming bored and disinterested – and increases non-attendance.
- ❖ Medical students attend placements at district hospitals for several weeks at a time and are unable to return to the medical school for lectures

Unfortunately, Risk Management and Patient Safety is disadvantaged by its reputation of being dull and boring and definitely not for the “Nintendo” generation! With this in mind, I

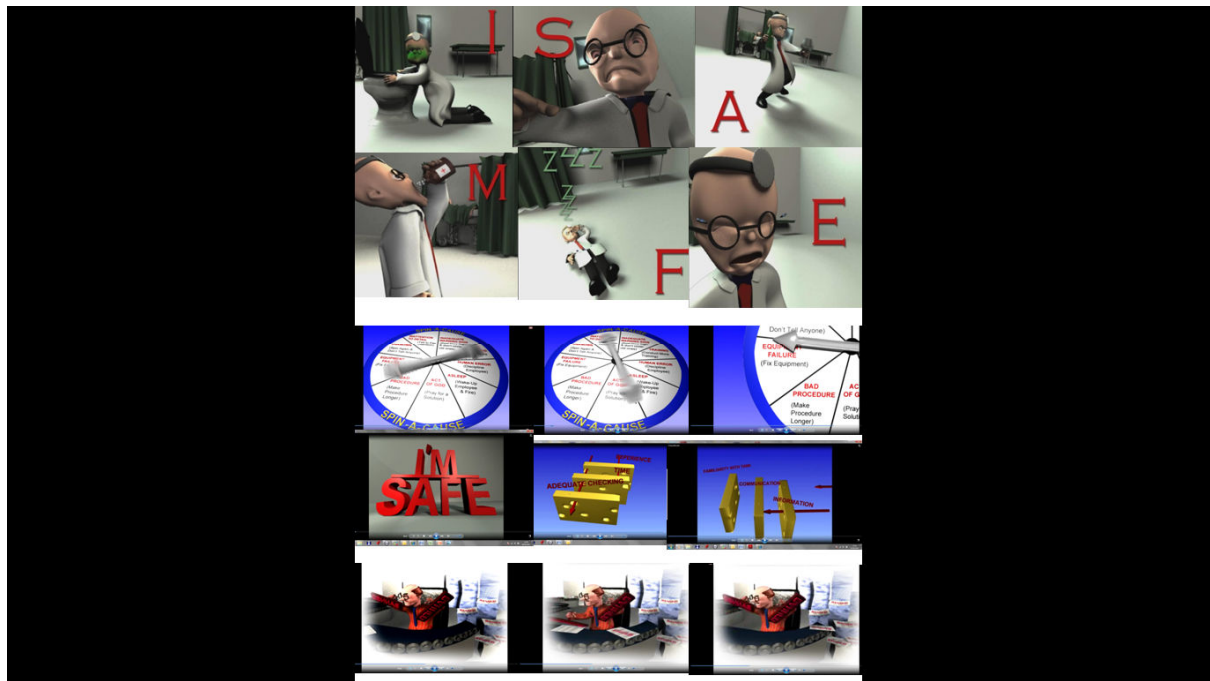
realised that I needed to devise new ways to teach which would engage and enthuse students .

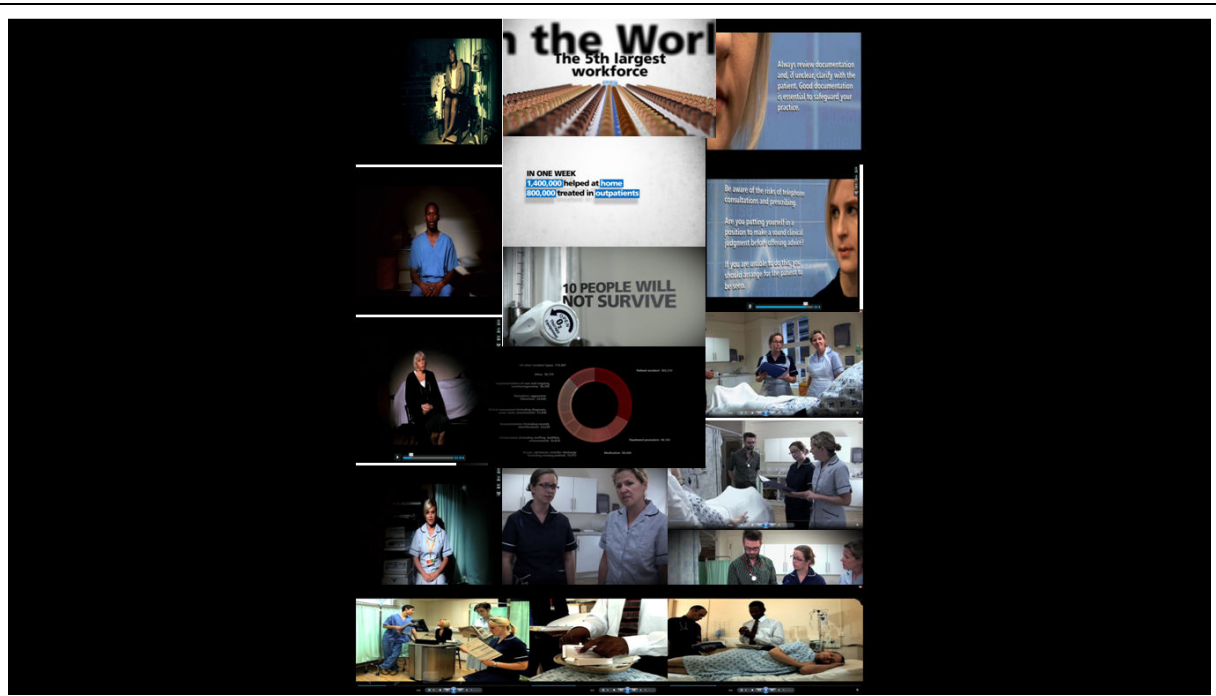
The Website

The COR website has open access and provides the one stop shop for access to all the teaching materials. www.smd.qmul.ac.uk/risk

Case Studies, Films and Animations

A large number of case studies are available within the handbook. In addition, many of these – based on real life cases - have been made into short films which bring the scenarios to life. Producing each film on a budget of £500 including equipment hire and wages was a challenge. Work is difficult to find for many actors, and to gain experience, many are willing to work for free or very limited remuneration. The same is true for newly qualified animators and web designers who are keen to gain as much experience as possible.





Podcasts

All lectures are captured and available as Podcasts which students can download onto their I-Pods or MP3 players.

The M2DS Phone Application

The Making Tomorrow's Doctors Safer (M2DS) I-phone application is free to download on I-tunes.

The application consists of a series of quick quizzes intended to educate while being a fun risk analysis tool.

Questionnaire 1: How risky Am I?

The questionnaire is for assessing risk in general and consists of 20 multiple choice questions. The response given is aggregated and the user is given an overall single score as a result to show how much the user is at risk. The information box located at the centre of the screen provides the user with in-depth information about the related question.

Questionnaire 2: The Sepsis Quiz

The Sepsis Screening tool is again a multiple choice questionnaire intended to assist the user in diagnosing a patient with Systemic Inflammatory Response System (SIRS).

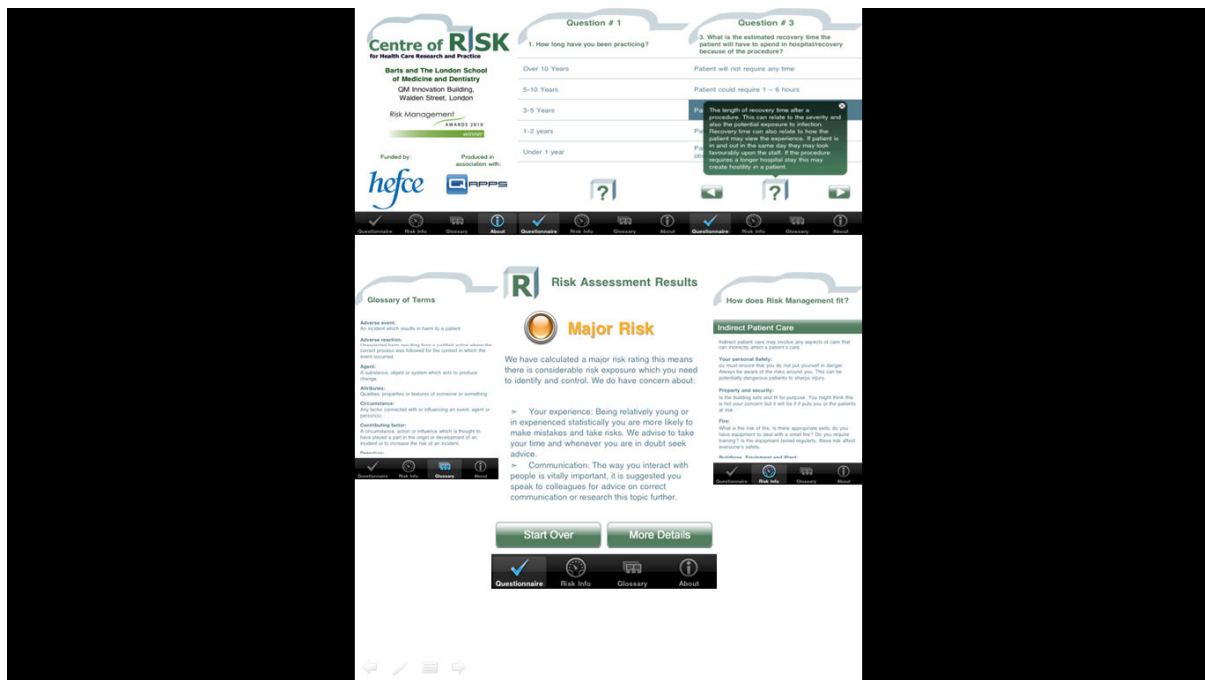
Glossary of Terms:

Here the user will find a comprehensive glossary linked to patient safety and risk terms and

concepts

How Does Risk Management Fit In?

Here the user will be able to find information on how and where risk fits into the provision of healthcare. This section explores all aspects of patient care from direct care to indirect care, health and safety and organisational risks.



Publications

All the Making Tomorrow's Doctors Safer material has been included within a 292 page Teaching Handbook.

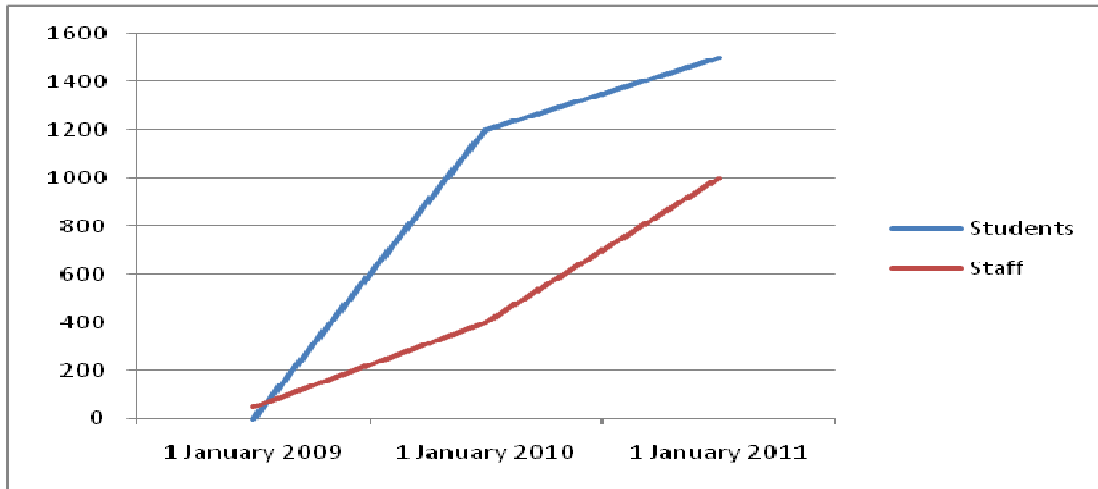
The book is intended to be an introduction to the study of risk management and patient safety. The layout and content is such that those from a non-risk or non-clinical background can easily understand and use the materials to teach the subject.

The content deals with the core areas and also provides an introduction to other areas such as Human Factors and the Psychology of Risk.

Student Response

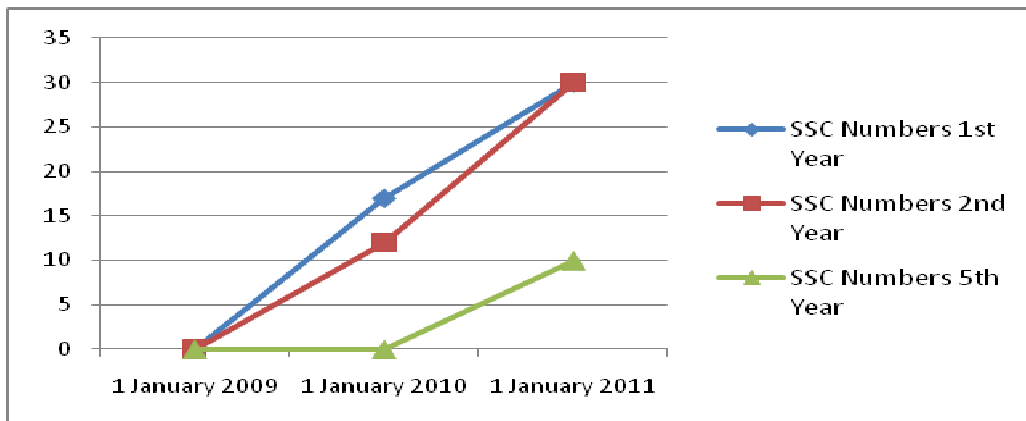
Graph A shows the estimated awareness of the centre and the website. The media and promotional campaign focused getting as many students as possible to choose the selected

component.



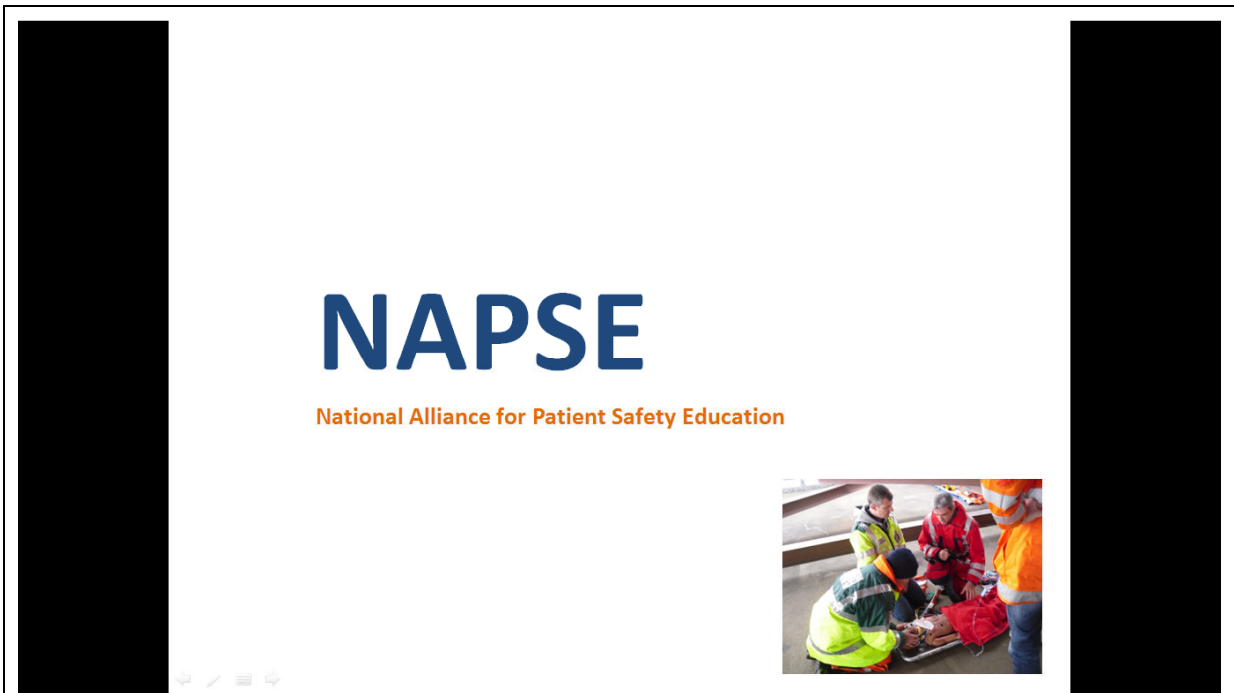
Graph A

Graph B shows the number of students choosing the SSC

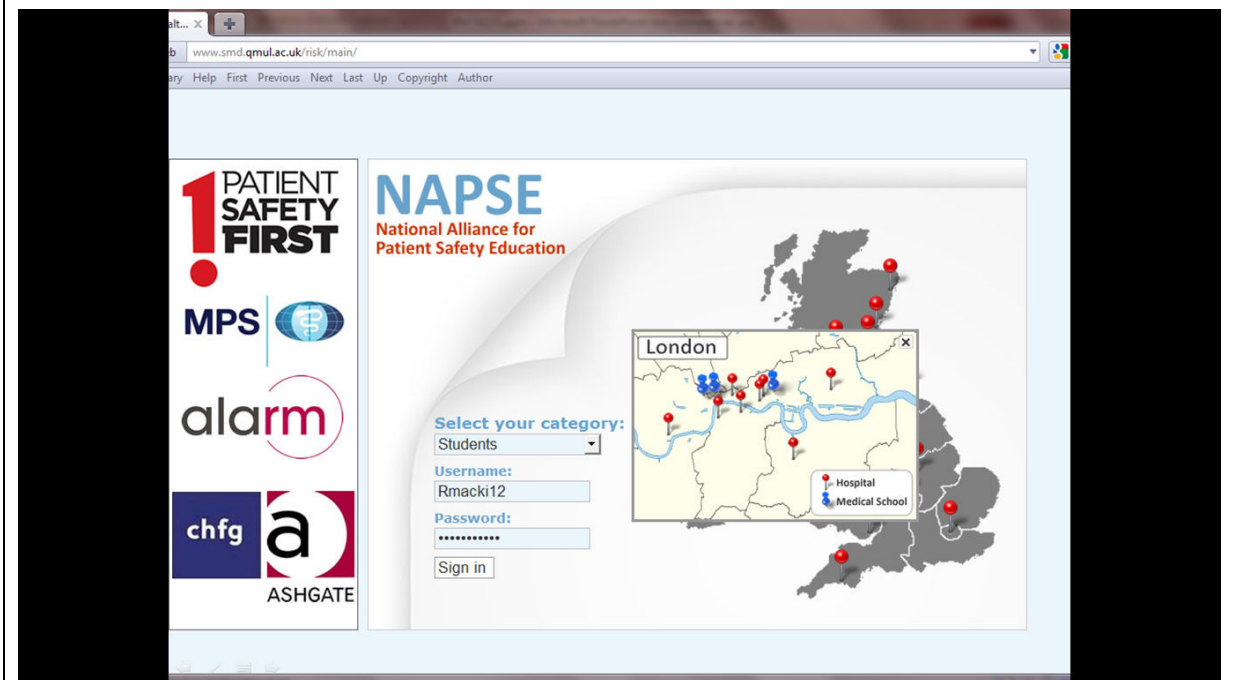


Graph B

The maximum number of students we can accommodate in Years 1 and 2 is fifteen; in Year 5, we take two students per session.



I am working to set up the on-line educational resource to be known as NAPSE. This will provide a free to access website for all. NAPSE will provide regional and local information, national discussion boards and education downloads and will provide a joined up approach to teaching Risk and Patient Safety to health professionals throughout the United Kingdom.



I have already met with other medical schools who wish to collaborate with us on this project which would be housed here. A joint committee would be set up to oversee the site information for accuracy, quality assurance and provide peer review of the case studies.

I am trying to source initial funding for NAPSE which would then continue via contributions from members and sponsors.

Conference

On the 28th of January I organized the “Making Tomorrows Doctors Safer” conference. A meeting of over a 100 representatives from medical education and practice.

Future

The aim of providing high standard teaching in Risk Management and Patient Safety for undergraduates has been met and exceeded. The take up from students and staff has been excellent and continues to improve.

Interest in NAPSE has been on-going and we have begun to design an interactive website I am actively seeking funding to continue the projects and, unfortunately, it appears increasingly likely that I will not successful in this. Therefore, the future of the project very uncertain.

Conclusion

Despite my relatively short experience within the industry and getting to grips with the world of academic medicine which was completely unknown to me 30 months ago, I feel I have made a significant impact on the teaching of this subject.. I hope that my work has made a difference and that my students today will make safer doctors of tomorrow.

I am continuing my professional development and began work on Prince2 in 2010; I hope to qualify as a practitioner in summer of 2011 and am currently looking into further academic studies.



Main Submission

APPENDICES:

Link to our video material <http://www.smd.qmul.ac.uk/risk/videos.html>

Link to our conference http://www.smd.qmul.ac.uk/risk/making_tomorrows_doctors_safer.html



Main Submission