

Faculty of Travel Medicine Triennial Scholarship

Jane Chiodini MSc RGN RM FFTM RCPS(Glasg)

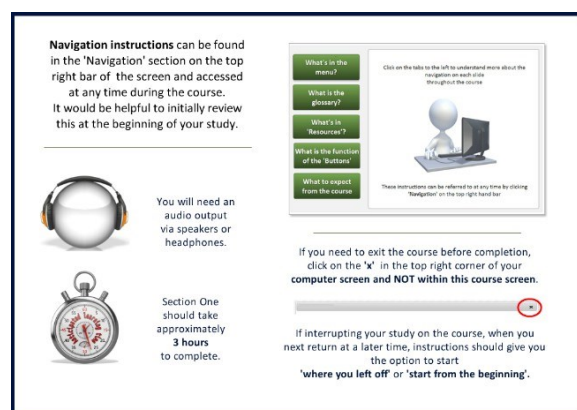
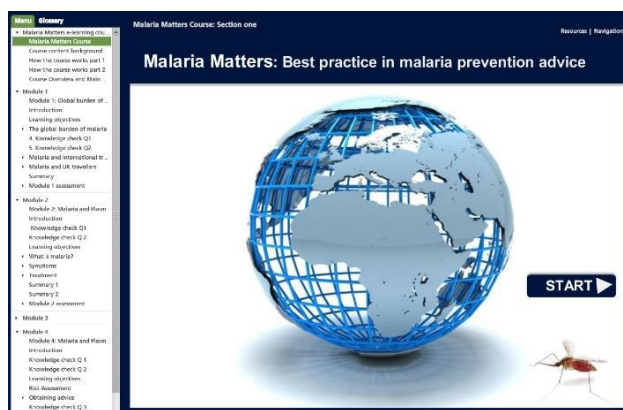
Report on the development and outcome of Malaria Matters

Background

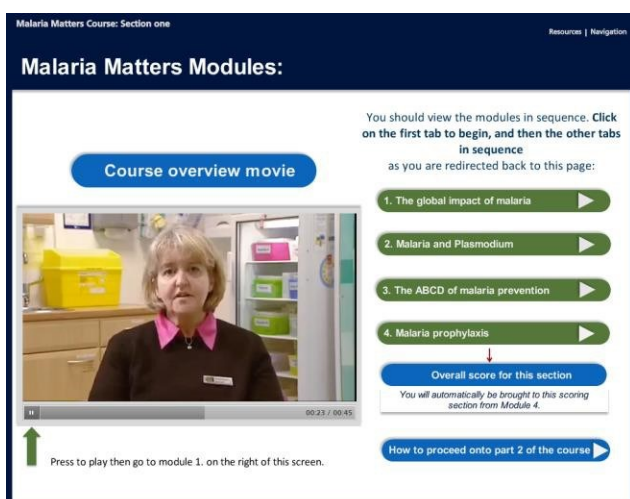
My proposal for the 2014 Triennial Scholarship was to use the funding towards the development of an e-learning course on malaria, updating material from an existing CD Rom programme entitled 'Malaria Matters', which was significantly out of date. Information from the Public Health England Advisory Committee for Malaria Prevention guidance 'Guidelines for malaria prevention in travellers from the UK 2014' was created into a new e learning course. The original format for the educational basis was maintained as content was good with the creation of videos, quiz and assessment functionality.

Creation of the e learning

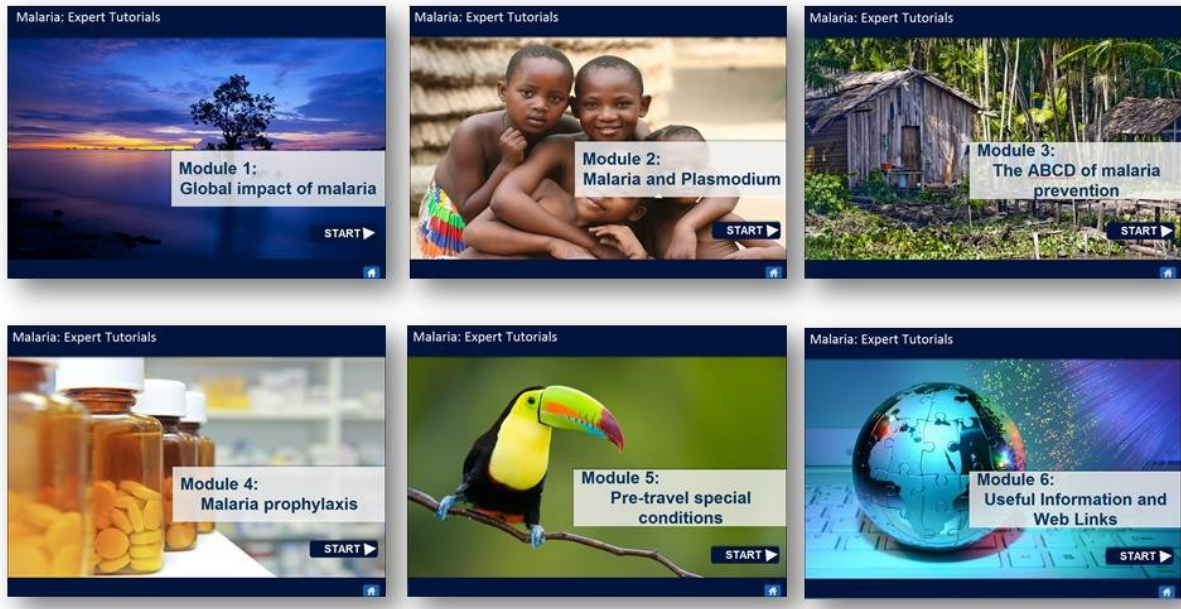
I worked extensively with an e learning developer to update the material and transfer it on to the e learning programme using Articulate Storyline software. This update was undertaken over a period of 9 months and with new UK Malaria Guidelines republished in late July 2014, the work is now fully up to date. The course is extremely comprehensive with an estimated 6 hours of learning time for the user. Because the extent of the work was considerable, the programme is also published in two sections with modules 1-4 in section one and module 5 plus resources in section two.



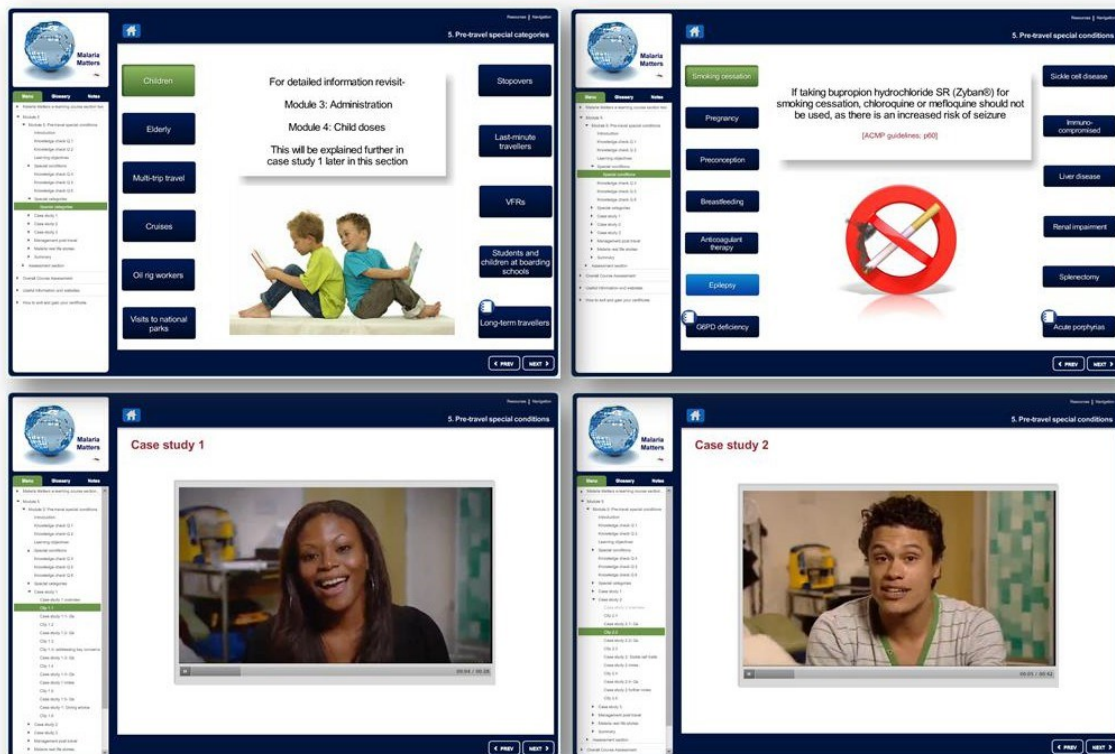
The beginning of the programme has an introduction with full navigational instructions and a section of downloadable resources, such as reference lists for every module, can be accessed at any time from the top



bar of the screen. Videos introduce each module and useful resources such as an animated life cycle of the malaria parasite are included. 'Test your knowledge' questions have been incorporated into the beginning of each module, with assessment questions at the end of each section. These and an overall course assessment at the very end make up a total mark for each student using the resource, which needs to exceed 60% to receive a certificate of completion.



Module 5 covers special situations and special conditions in relation to malaria. There are three interactive case studies which help simulate a consultation for the learner.



Testing and evaluation of the programme

I have been 'beta testing' the e-learning course with students which revealed some minor glitches in the operational side of the files which have now been resolved. Evaluation to date has been good with high learner satisfaction and when rated, consistently given 5/5.

Costings of the project

- Developer fees (significantly less than the true value for the time spent) 4,500 Euro
- Software purchase £1000
- LMS platform for hosting of the course (enabling free of charge to users) 100 USD per month. This will be an ongoing cost for the hosting of the course via my website.

Total expenditure to date = £5100

I presented the progress of this course and the Triennial Scholarship project to the Faculty of Travel Medicine meeting at the 2014 Triennial Conference. I would like to thank the Scholarship Committee and the Royal College of Physicians and Surgeons of Glasgow for their kind acceptance of my submission and the opportunity to use the scholarship funding of £2000 towards this programme.

My hope is that the course will help to support practitioners in their understanding of malaria prevention via a comprehensive and enjoyable learning experience. My intention is that the course will improve knowledge resulting in direct improvement in patient care.

Jane Chiodini

30th September 2014