

YCC Scotland/NHS Education for Scotland ADR Interactive eLearning Modules

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Introduction

Yellow Card Centre (YCC) Scotland was granted funding from NHS Education for Scotland (NES) to produce 6 interactive eLearning modules covering multiple aspects of Adverse Drug Reactions (ADRs) and Yellow Card (YC) reporting. These were to provide a training resource for all healthcare professionals (HCP) in Scotland.

Method

Members of the YCC Scotland team designed the modules in collaboration with NES and Aurion Learning.

Subjects covered are:

- Basic Principles of ADRs
- Categorisation of ADRs
- Drug Allergy Classification
- Diagnosis, Interpretation and Management of ADRs
- Avoiding ADRs
- Pharmacovigilance.

All modules include slide show discussions, knowledge checks, interactive quizzes, and case studies. Participants receive a certificate of completion.

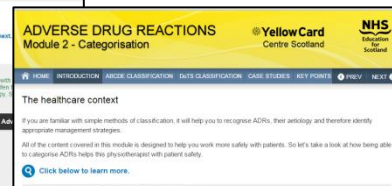
Accessing the Modules

The modules can be accessed free from the YCC Scotland website www.yccscotland.scot.nhs.uk, also from: NES, NHS Scotland Knowledge Network, UKMI Medicines Learning Portal, NHS Scotland LearnPro and other sites.

Sample screens



Module 1: interactive quizzes to help understand what an ADR is

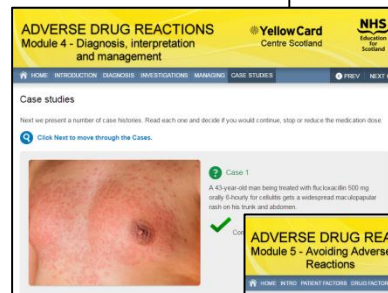
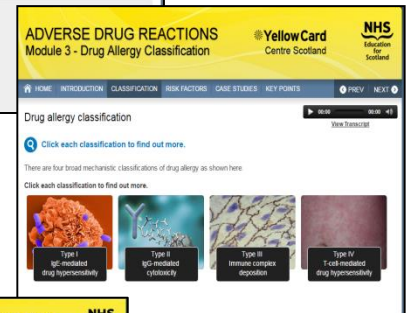


Module 2: slide-shows discussing different types of ADR

**User Numbers
2015/16:**
9275 unique visitors including
991 HCPs
(via NES Portal)
470* HCPs
(via LearnPro)
**average per module*



Module 3: interactive menus explaining different types of drug allergy

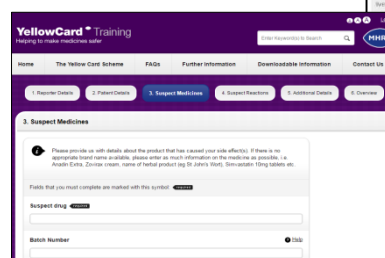


Module 4: interactive case studies examining the diagnosis and management of ADRs

Module 5: uses knowledge checks to help understand ways of avoiding ADRs



Module 6: allows participants to complete a mock Yellow Card and compare it with a model answer



Utilisation of the Modules

Following their launch in January 2014 and promotion in Drug Safety Update, The Pharmaceutical Journal and numerous other media outlets, the modules had their first update in June 2015. In Autumn 2015 the Scottish Government, acknowledging the importance of ADRs and their reporting for patient safety, offered a one-off payment to all Scottish community pharmacies for completion of the modules. The modules are compulsory for all Scottish pre-registration pharmacists, highly recommended for all Foundation doctors and have also been used in other HCP training, both undergraduate and postgraduate, either alone or within blended learning schemes where some of the modules are used as pre-reading prior to face-to-face workshops.

Feedback.

Formal feedback from blended learning sessions identified that the modules are well received with 96% of those responding considering the quality of the blended learning to be good or very good. Anecdotal feedback has also been very positive with some suggestions for further improvement.

Discussion

These modules have been widely used and well received. They will require ongoing updates in order to remain current and relevant. Further user appraisal may help to inform future developments.

Further Information

For more information or to provide feedback please contact: YCCScotland@luht.scot.nhs.uk