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**TUESDAY 28 AUGUST 2012**

**7CC/3**

**Development of an innovative mobile web application for WPBAs in Foundation Training in the North Western Deanery, UK**

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**Background:** We have developed an innovative, free and user-friendly mobile web application for our Foundation e-portfolio; designed to help support trainees and supervisors complete WPBAs within the daily time and resource constraints of clinical practice.

**Summary of work:** The interface was built using the jQuery© mobile framework and supported a number of devices including iPhone, Android Blackberry and Windows Phone 7.

Three WPBAs were developed: Case-based discussion (CbD), Direct Observed Procedural skills (DOPs) and mini-Clinical Evaluation Exercise (mini-CEX).

**Summary of results:** Since August 2011, 179 WPBAs have been completed via the mobile technology, 55% DOPS. Top ten users account for 31% of the activity and overall feedback is positive. However, less than 5% of supervisors use the option for immediate validation.

**Conclusions:** Trainees find the mobile application a useful way to access their e-portfolio to complete WPBAs. DOPS is the most popular WPBA completed, which may reflect the opportunistic nature of this assessment. However supervisors do not immediately validate assessments, perhaps because they do not have their login details to hand.

**Take-home messages:** The mobile web application offers an alternative method of data entry and validation of WPBAs during clinical activity.

**7CC/4**

**Medical Students’ use of and Attitudes Towards Medically Related Mobile Phone Applications**

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**Background:** With the emergence of new technology (e.g., medically related mobile phone applications) it is important to establish whether students have access to such new technology and their attitudes towards its use.

**Summary of work:** The present study examined medical students’ ownership of mobile phones with application support, and their use of and attitudes towards medically related mobile phone applications.

**Summary of results:** A total of 594 Monash University medical students participated in the study in 2011. All participants owned a mobile phone with 77% of them having one with application support. Seventy-six percent of students with mobile phones with application support used medically related applications. Generally students had positive attitudes towards using medically related mobile phone applications. The majority of participants with mobile phones without application support would be prepared to obtain such a device to enable them to access medically related applications.

**Conclusions:** Given students’ positive attitudes toward medically related mobile phone applications; this study suggests that these devices could play a more significant role within medical education.

**Take-home messages:** The majority of medical students appear to be ready for and accepting of medically related mobile phone applications to be used during their medical education.