Scottish Oral Health Research Collaboration

Dental Education Research Group Meeting

University of Edinburgh Dental Institute Board room

Monday 8th May 10.00-12.00pm

**Minutes**

Present: Prof Angus Walls (Chair), Prof Jeremy Bagg, Dr David Felix, Dr Linda Prescott-Clements, Linda Gunn, Dr Kevin Davey, Dr George Cherukara, Dr Ann Shearer, Deirdre Kelliher

Apologies: Prof Vince Bissell, Dr Jennie Foley, Prof Nicola Innes

1. Update on current research activity

Aberdeen

GC is the lead for Education research. Aberdeen has a strategy in place. The main areas of interest lie in Transitions, Technology based learning and Assessment. Papers are in preparation.

Glasgow

Vince Bissell is the lead for Education research. There are three pods of activity: Recruitment, Learning and Teaching and Assessment. The three themes are Student participation, Simulation and Technology and Student support.

Glasgow has used MMIs for 5 years and there is interest in progression data, a relative for MMI outcomes prior to admission and the interface between education and vocational training. Papers due to be published include “flipped classroom” for teaching of pre-clinical skills; Student Centred Research on elective period projects, virtual miscopy and “flipped classroom” for Oral pathology teaching and implementation of a Special Study module in e-learning. Jamie Dickie (funded by NES) is carrying out research on use of LIFTUPP in assessment of clinical competencies.

JB will circulate the Glasgow model for the Glasgow Dental School Community of Educational Scholarship.

**ACTION: JB**

Highland and Islands

LG reported that tutors are delivering teaching using “flipped classroom” techniques and that she has a lot of feedback from students. MMIs are used for admissions and questionnaires are given to all students after the event. There have been some small research projects and a paper published on the Video conference unit. She has links with social scientists involved in educational research and is interested in how students transfer skills to patient practice.

Dundee

GC reported that education research is not a main theme of research. There have been small research projects on 3D learning and clinical skills assessment. Dundee also has a lot of information from MMIS and has been using these for 7 years.

NES

NES promotes education research by funding clinical lecturer posts. It has funded 3 posts in Glasgow, 2 in Dundee, 1 in Edinburgh and 1 in Aberdeen. A stipulation for new Clinical Lecturer posts is that they must incorporate an element of educational research /scholarship. Research in Recruitment is important to NES. It has a large amount of data on assessment.

It was agreed that the Education Group should explore how these data could be made available to researchers in compliance with data security regulations.

Edinburgh

Jennie Foley is the main person carrying out educational research at Edinburgh but was unfortunately unable to attend the meeting.

LP-C identified MMIs as an area for collaborative research. Can experiences of the different Dental Schools be shared? How similar are the MMIs used? Does recruitment through MMIs produce better Dentists? What is the value of the process?

Each member of the meeting should let DK know the name of their School MMI contact. AW will investigate with the Hygiene Therapy Schools as to which are using MMIs.

1. Discussion of circulated paper and future direction of research

The Delphi paper is useful as a basis for the future direction of research in the group. However, it was noted that members of the group were not consulted about the paper before publication despite funding for the project having come from NES and the Dental Schools.

1. SOHRC conference

The conference will be held at the same venue in Stirling again. The theme will be Dental Education and Rhoda MacKenzie from the University of Aberdeen has agreed to be the keynote speaker. She could be asked to focus on her two recent papers relating to admissions in her presentation.

Each research group will have 20 minutes to present an overview of activities in the morning. LPC suggested that the Education Group should present a project design linking recruitment to performance at dental school and in the future.

JB will speak to Jamie Dickie about including his poster in the conference. DK will contact the Stirling Highland Hotel and ask them to obtain a quotation for the hire of poster boards.

**ACTION: DK**

DF thought that it would be useful for the afternoon discussion groups to focus on how Dental Schools might harmonise MMIs. LG suggested including an introductory speaker for the workshops e.g. the Occupational Psychologist that Glasgow had employed to assess MMIs and produce a framework for improvement.

1. AOCB

LIFTUPP is being used by all Scottish Dental Schools and so a lot of data are available. Vince Bissell is working in this area with Luke Dawson, University of Liverpool.

The lead for LIFTUPP in Glasgow is VB and Jamie Dickie and Frank Bonner (admin) are involved as well. The lead in Dundee is Graham Chadwick. The Aberdeen lead is Rob Mcgregor.

LIFTUPP and its validation could also be a theme for afternoon workshop discussions at the conference.

1. Date of next meeting

A meeting could be held after the conference on 21st September from 4-5.00pm or if travel arrangements made this difficult mid-October/early November would also be a possibility.