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Clinical Information Systems teaching is essential for primary care

Project Aims

To ensure health care professionals are better able to use CLINICAL INFORMATION SYSTEMS for PATIENT CARE (PC) = CIS4PC

In this day and age how can we teach our students about primary care and the role of the GP without teaching them about the CIS that are now used for patient care and to run the business?

Project Objectives

1. To ensure the teaching content is transferable and adaptable to all medical and healthcare students
2. To maximise the use of CISs in undergraduate, postgraduate and continuing professional development teaching.
3. To enable students to explore the CIS and understand how CISs support and impact on clinical care (e.g.: decision aids, prompts,); through quality monitoring; patient safety (e.g.: read coding, audit, e-Prescribing); communication (e.g.: Choose and Book, GP2GP record transfer, tripartite interactions).

Background

Tomorrow’s Doctors outcome 19 states doctors should make effective use of computers and information systems, understand confidentiality and data protection and apply the principle of health informatics to medical practice.

In teaching sessions CIS4PC students have LIVE access to a CIS (TPP’s SystmOne) within a safe university based environment.

CIS4PC session aims, objectives and outcomes are based around the CIS and role play scenarios to prepare students for clinical placements and practice.

Process

CIS4PC uses rich patient records developed with varying chronic diseases and backgrounds to aid the students ‘live’ learning experience.

Students access the ‘live CIS system’ and use individual patient records to support their learning.

Outcomes 2010 – 2013

1. Transferable and adaptable:
   Resources developed and delivered to Yorkshire and the Humber healthcare students in single and multi/inter disciplinary sessions.
2. Maximise use of CIS in Curricula:
   – Spiralled through MBChB (2,160 undergraduate to date);
     Nursing undergraduate curricula (Leeds; Bradford);
     Midwifery and Allied Health Professional curricula (Bradford) (410 Nursing, 52 Midwifery, 48 Radiography, 16 Occupational Therapy, 26 Physiotherapy).
   – Smartcards issued: MBChB Year 3 (2010<); Bradford School of Health students Year 1 (2012<)
3. Explore/understand how CISs support care
   Under/Postgraduate students ‘role play’ using a ‘live' CIS (TPP's SystmOne) and individual patient record in ‘hands-on’ sessions

The Future

• Roll out to other universities
• On going evaluations
• Develop additional resources on:
  ➢ Primary care placement learning
  ➢ Secondary care learning
  ➢ Continuing Professional Development
  ➢ Interactive use within the practice environment

CIS4PC Team Contact Details

Software: www.posterpresentations.com

www.leeds.ac.uk/lihs/cis4pc

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