Knowledge Updates is a current awareness bulletin, covering educational topics relevant to the NHS workforce.

In this issue, there are links to 19 journal articles; with themes discussing Knowledge Management, Medical Education and E-Education. Journal articles may be obtained from:

The Knowledge Network:
- www.knowledge.scot.nhs.uk/

or via a request from the Scottish Health Library Catalogue (SHELCAT) - http://shelcat.org/
(register at the Health Management Online Library:
- www.healthmanagementonline.scot.nhs.uk/requests/become-a-member.aspx)

An Athens username and password can be obtained from:
- www.knowledge.scot.nhs.uk/login.aspx

- Register to be notified of the next issue of Knowledge Updates.
**Dental Education**

- **Threshold concepts in dental education.**

**E-Education and Online Learning**

- **Nurses’ Internet self-efficacy and attitudes toward web-based continuing learning.**

- **Scenariation: Scenario generation for online teaching in nursing and health sciences.**

- **How do instructional designers evaluate? A qualitative study of evaluation in practice.**
  *This qualitative (n=7) study identifies 10 themes by which instructional designers use evaluation to improve their products.*

**Knowledge Management**

- **Knowledge management and organizational culture: a theoretical integrative framework.**
  *This conceptual paper offers a theoretical framework that helps suggest links between organisational cultures and knowledge management within organisations.*

**Leadership and Management**

- **The development of strategic clinical leaders in the National Health Service in Scotland.**
Medical Education

- **An educational conference in a general hospital.**
  The Clinical Teacher, 8(4): 227-229.

- **GP registrars as teachers: a survey of their level of involvement and training.**
  Education for Primary Care, 22(5): 310-313.

- **Foundation Programme doctors as teachers.**
  The Clinical Teacher, 8(4): 249-253.

- **The themes, institutions, and people of medical education research 1988-2010: content analysis of abstracts from six journals.**
  Advances in Health Sciences Education, 1-13. DOI: 10.1007/s10459-011-9328-x

  *This paper provides an overview of the 29 most common themes of research into medical education. The literature emphasises the preparation of medical students for professional practice, in which the following themes were identified as being the most prominent: student assessment, clinical and communication skills, clinical clerkships, and problem based learning. A discussion on trends over time is also offered.*

- **The learning needs of physicians: should it be formal or informal assessment?**

Medical Professionalism

- **Factors associated with variability in the assessment of UK doctors’ professionalism: analysis of survey results.**
  British Medical Journal, 343.

Nursing – Leadership

- **Transformational Leadership: Creating A Prosperity-Planning Coaching Model for RN Retention.**
Pharmacy – CPD

Factors affecting the views and attitudes of Scottish pharmacists to continuing professional development.

The paper identifies four factors associated with Scottish pharmacists’ views and attitudes to CPD: having positive support in the workplace, having access to resources and meeting learning needs, having confidence in the CPD process, and having the motivation to participate in the CPD process. Differences are discussed in relation to pharmacists working in primary care, hospital and community settings.

Quality Improvement and Patient Safety

Influence of organizational culture on quality healthcare delivery.

This research paper aims to recognise the potential of health service managers to influence organisational culture: excellence in care delivery, ethical values, involvement, professionalism, value for money, cost of care, and commitment to quality and strategic thinking.

Patient centredness and quality improvement efforts in hospitals: rationale, measurement, implementation.

Workload in community pharmacies in the UK and its impact on patient safety and pharmacists’ well-being: a review of the evidence.

Assessing the patient safety competencies of healthcare professionals: a systematic review.

Receptionist input to quality and safety in repeat prescribing in UK general practice: ethnographic case study.

In this study, researchers analysed the repeat prescribing process within four UK general practices. Through the observation of how doctors, receptionists and other administrative staff worked on the repeat prescribing routine, the authors suggest that repeat prescribing is a complex and technology-supported practice, that requires collaboration between clinicians and reception staff.
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