Medical Education Bulletin June 2020

Articles

Research relating to virtual or digital training and learning
Carried out by Rhys Whelan from Bwrdd Iechyd Prifysgol Bae Abertawe on 5/6/2020
uestID=23448
[Please note due to the wide ranging nature of this topic this is not an exhaustive list containing all
the available literature relating to this topic. Instead, this is intended to be a selection of useful
recently published literature which provides information regarding digital learning. The results
include organisational reports, research and useful websites. Glancing through many of the papers
below a common theme to emerge in this area is 'digital literacy'.]
Available with an NHS OpenAthens password

A qualified perspective: the NQP programme.
[Little has been done to review the effectiveness of the Newly Qualified Paramedic (NQP)
programme, where issues such as retention have remained an ongoing issue (NHS Improvement,
2018). Having experienced and observed colleagues undertake the NQP process, the author reflects
on concerns that the College of Paramedics, research, and policy makers should explore further in
order to identify improvements for the NQP programme.]
Available with an NHS OpenAthens password for eligible users

Basic life support training: Demonstration versus lecture - A randomised controlled trial.
[There was no statistically significant difference in pass rate when comparing a demonstration with a
lecture for introducing BLS/AED. The lecture group was slightly faster at initiating BLS. Most
participants preferred a demonstration as introduction.]

Development and maintenance of a medical education research registry.
[Medical Education research suffers from several methodological limitations including too many
single institution, small sample-sized studies, limited access to quality data, and insufficient
institutional support. Increasing calls for medical education outcome data and quality improvement
research have highlighted a critical need for uniformly clean and easily accessible data. Research
registries may fill this gap.]
Freely available online

How group coaching contributes to organisational understanding among newly graduated doctors.
[Practising medicine at an expert level requires skills beyond medical expert knowledge. Research
shows that newly appointed consultants feel less prepared to deal with leadership issues compared
to issues regarding medical expertice. Newly graduated (NG) doctors and residents in particular
struggle with leadership and organisational issues. The purpose of this study was to explore the impact of group coaching on NG doctors’ approach to organisational and leadership challenges in daily practice.

Freely available online

Impact of take-home messages written into slide presentations delivered during lectures on the retention of messages and the residents’ knowledge: a randomized controlled study.
[Lectures with slide presentations are widely used to teach evidence-based medicine to large groups. Take-home messages (THMs) are poorly identified and recollected by students. We investigated whether an instruction to list THMs in written form on slides would improve the retention thereof by residents, and the residents’ level of knowledge, 1 month after lectures. Prospective blinded randomized controlled study was conducted.]
Freely available online

Leadership training programs in graduate medical education: a systematic review.
Kumar B. BMC Medical Education 2020;20(1):175.
[With the increasing recognition that leadership skills can be acquired, there is a heightened focus on incorporating leadership training as a part of graduate medical education. However, there is considerable lack of agreement on how to facilitate acquisition of these skills to resident and fellow physicians. Articles were identified through a search of Ovid MEDLINE, EMBASE, CINAHL, ERIC, PsycNet, Cochrane Systematic Reviews, and Cochrane Central Register of Controlled Trials from 1948 to 2019.]
Freely available online

Program on high value cost-conscious education in intensive care: educational program on prediction of outcome and cost awareness on intensive care admission.
[Intensive Care (ICU) involves extended and long lasting support of vital functions and organs. However, current training programs of ICU residents mainly focus on extended support of vital functions and barely involve training on cost-awareness and outcome. We incorporated an educational program on high-value cost-conscious care for residents and fellows on our ICU and measured the effect of education.]
Freely available online

What occupational therapists' say about their competencies' enactment, maintenance and development in practice? A two-phase mixed methods study.
[Understanding how professional competencies are actually enacted in clinical practice can help university programs better prepare their graduates. The study aimed to describe 1) the perceived competency level of occupational therapists holding an entry-to-practice master's degree 2) the factors perceived as impacting the enactment of competencies; and 3) the strategies used to maintain and further develop level of competency in the seven practice roles.]
Freely available online
This Bulletin was created by Liz Wright of NHS East Dorset Knowledge and Library Service

Need further help? The NHS Library & Knowledge Team is here to support the information needs of all NHS staff across Dorset. We’re happy to help you with literature searches, search skills training and advice, keeping you up to date, and general references enquiries.

Contact us:
Telephone: 01202 442101/01202 704270
library@poole.nhs.uk library@rbch.nhs.uk
https://dorsetnhs.libguides.com
Register for OpenAthens to access e-resources: https://openathens.nice.org.uk/

To subscribe/unsubscribe from this bulletin please reply to the email.

By signing up to receive this bulletin, you agree that the information provided (your email address and name) will be held on NHS East Dorset Library and Knowledge Service files or databases. You will only be contacted by us in reference to this bulletin. By submitting this information you agree that your details may be used for this purpose. Your details will not be passed on to any third parties.