The clinical school model: Enhancing research capacity in clinical settings

Professor Bridie Kent
Professor Ruth Endacott
Professor Jos Latour
Frazer Underwood
University of Plymouth
Health Education England required to
‘develop a more flexible workforce that is able to respond to the changing patterns of service and embraces research and innovation to enable it to adapt to the changing demands of public health, healthcare and services’.

Health & Social Care Act 2012, HEE Directions 2013
Mandate from the Government to HEE (April 2014 to March 2015)
Context

Failing Trusts (unexplained higher mortality) ‘tended to be isolated in terms of access to the latest clinical, academic and management thinking’ with ‘many examples of clinical staff not following the latest best practice and being ‘behind the curve’ (Keogh 2013, p11)

embraces research and innovation to enable it to adapt to the changing demands of public health, healthcare and services’.

Health & Social Care Act 2012, HEE Directions 2013
Mandate from the Government to HEE (April 2014 to March 2015)
Mandate for change:
National:
  Francis
  Keogh
  Service pressures
Local
  Audit data
  CQC/Monitor
KEY = Timely decision making

Context

Change examples:
- New ways of delivering care
- Blurred boundaries
- New roles
- Different ways of educating (patient flow related)
- Nurse-led innovation (roles, services)

Nursing & Midwifery strategy
Existing evidence and new research
⇒ Clinical school
The Clinical School

**Functions**

Research translation
Build research capabilities
Develop ‘enquiring’ culture

- Collaboration between Plymouth University and an NHS Trust
- Location of academic expertise – a Professor – in the NHS Trust
- Working with nurses, midwives and AHPs at all stages of their clinical and academic development
HOW?

- Takes knowledge and funnels it to be useful and applicable
- Identifies knowledge gaps – new studies incl SR
- Application of research to achieve practice change
Complex Interventions Framework (MRC 2008)

Feasibility/piloting
1. Testing procedures
2. Estimating recruitment/retention
3. Determining sample size

Development
1. Identifying the evidence base
2. Identifying/developing theory
3. Modeling process and outcomes

Evaluation
1. Assessing effectiveness
2. Understanding change process
3. Assessing cost-effectiveness

Implementation
1. Dissemination
2. Surveillance and monitoring
3. Long term follow-up
Clinical Problem or Question

Peer review & Academic input

Develop Research Question

What evidence is published? SR

Audit, QI or Research?

Other professions/sites? Regional/National/International

Design study

Costs

Develop funding bid

Track record:
- Individual
- Ward/Dept
- Trust

Publication & Conf Presentation

Learning opportunities

Data collection & analysis

Approvals

PRACTICE CHANGE

NURSING & MIDWIFERY
WITH PLYMOUTH UNIVERSITY
The Clinical School

Functions
Research translation
Build research capabilities
Develop ‘enquiring’ culture

Outcomes
% joint publications
Grants
Collaborations
Conversion of Internships and alumni grants
MClinRes and PhD students – ICA pathway
Example in one Trust...

- Access to on-site Professor of Nursing
- Website presence
- Promoting clinical academic pathways
- Social media presence
- Monthly Drop-in sessions
- PhD Student Support Group
- Access to PU and RCHT Scholarship Awards
- Sponsorship of annual Graduate Nursing Award
- Annual Conference
- #400Word Writing Competition
- Annual Travel Scholarship Award
- Head of Clinical School – local coaching and support
- Library Services connected
- Honorary Appointments

CLINICAL SCHOOL
Knowledge + action | we care
Achievements and impact

- Workforce Engagement
- Relationships
- Outputs
- Use of Resources
Achievements and impact

Workforce Engagement

- Drop-in Session contacts
- Annual Clinical School Conference attendees
- Scholarship and Prize applications
- ICA Programme applications
- Research ideas logged
- Twitter account impressions

On-site Professorial access via the School of Nursing and Midwifery
Achievements and impact

- Research protocols developed
- Systematic Reviews completed
- Publications attributable to the Clinical School
- ICA Programme awards

Outputs

New JBI Systematic Review Prize
Achievements and impact

- Equality in the leadership commitment to the Clinical School
- Honorary appointments made
- *Research and Development Team utilisation by the Clinical School*
- *Library service utilisation by the Clinical School*
- *Joint appointments made*
Achievements and impact

- Time and resource committed by partners to the leadership of the Clinical School
- Scholarship and Prizes awarded with outputs demonstrated
- Research study income generated

Annual Travel Scholarship Award

Use of Resources
Recent grants across the Clinical Schools

• The Health Foundation. *Pressure Reduction through continuous Monitoring In community Settings (PROMISE)*: reducing & preventing pressure ulcers.

• Resuscitation Council UK *Impact and support of hospital patients witnessing a resuscitation attempt on other patients*

• Burdett Trust for Nursing *Perspectives of Relatives on Intensive Care Safety (PRINCES)*

• EU Erasmus Plus *INACTIC: International Nursing Advanced Competency-based Training for Intensive Care*

• NIHR *Developing, implementing and testing an intervention to improve healthy living in older people with frailty.*

• HESW Innovation Fund *Managing hydration risk: an education initiative for healthcare professionals, patients and carers*

• NHS Devon and Cornwall *Early Sepsis in Children Assessment by Parents: Evaluation of the Sepsis Assessment Measure*
Recent conference presentations

- UKONS UK Oncology Nursing Society *Top ten concerns burdening people with cancer: perceptions of patients with cancer and the nurses caring for them*
- UKONS UK Oncology Nursing Society *Implementing Urology Site Specific Health and Wellbeing Clinics*
- ESICM European Society of Intensive Care Medicine *Impact of an education programme for novice nurses on staff work engagement in a UK ICU*
- National Acute Pain Symposium *Pain assessment and management in patients with cognitive impairment in an acute hospital*
Recent Publications

- Fiori M, Latour JM, Los F (in press) Am I also going to die, doctor?" A systematic review of the impact of in-hospital patients witnessing a resuscitation of another patient. *European Journal of Cardiovascular Nursing*
- Cock K, Kent B (2017) Patient satisfaction with clinicians in colorectal 2-week wait clinics. *British Journal of Nursing* 26, 6:
Thank you

Email: bridie.kent@plymouth.ac.uk
Twitter: @BridieKent