

Capacity building for Evidence based practice in Ireland



Dr Niamh O'Rourke, Health Information & Quality Authority, Ireland

Dr Eve O'Toole, National Cancer Control Programme, HSE, Ireland

Ms Mary Morrissey, Health Service Executive, Ireland

Background



- Building on the Sicily Statement (2009), evidence-based practice has grown throughout the world, with a strong community of international EBP champions and centres of excellence.
- However, consistency and progress has been hampered in Ireland by the lack of a unifying hub or network to connect the practitioners, educators and students of evidence-based practice.
- Recognising this gap, we consulted with international EBP enthusiasts and resolved to establish a network for evidence-based practice in Ireland to promote evidence-based practice throughout our healthcare system, with the ultimate goal of improving patient outcomes.

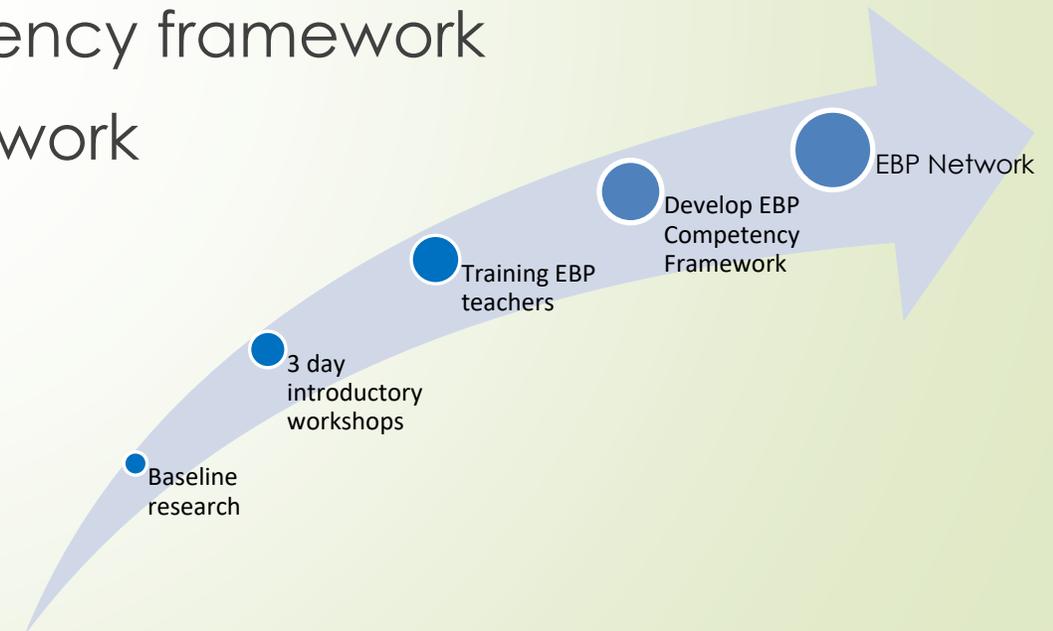


Aim: to promote evidence-based practice throughout our healthcare system, with the ultimate goal of improving patient outcomes.

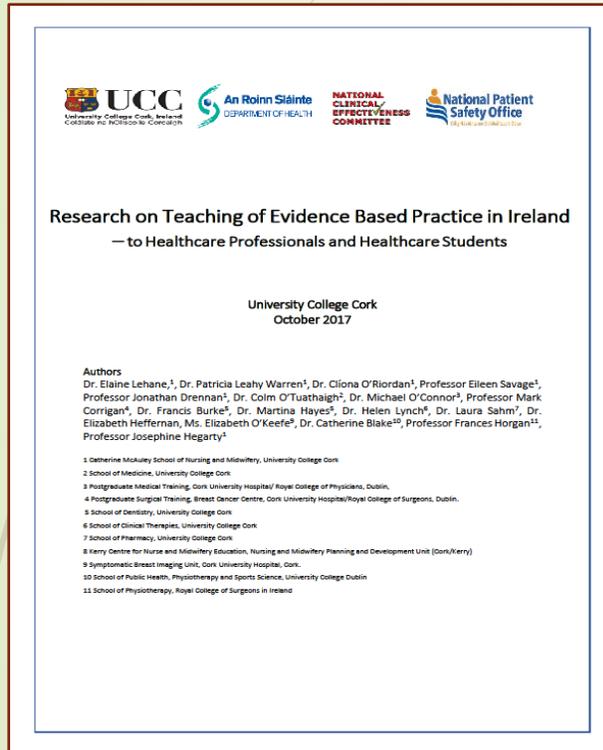
- To build capability and leadership for EBP in Ireland
- To create a hub for EBP in Ireland
- To establish a network of EBP practitioners
- To establish a network of EBP educators/trainers
- To create international links and collaborations
- To agree core competencies for EBP education
- To integrate EBP into the curriculum of all healthcare professionals

Methods

- Baseline research on current EBP teaching in Ireland
- Training in EBP for healthcare staff
- Training of EBP educators
- Development of a competency framework
- Establishment of an EBP network



1. Baseline research on current EBP teaching in Ireland



- Literature review.
- Interviews with international experts.
- National survey with third level academic institutions.

Results:

- Publication of baseline research of EBP teaching in Ireland (UCC 2017) which showed positive attitudes towards EBP.
- The first three steps of EBP (ask, acquire, appraise) were taught more frequently in Ireland than steps four and five (apply, assess).
- A named EBP lead/champion was not identifiable within the majority of institutions.

Available at: <https://health.gov.ie>



Three-day workshop in Evidence Based Practice

Venue: Bedford Hall, Dublin Castle, Dame St, Dublin 2

Date: 12th-14th March 2019

| Day one (Tuesday 12 th March) Chair: Dr. Eve O'Toole & Prof. Carl Heneghan | |
|---|--|
| 08:30-09:00 | Registration and coffee |
| 09:00-09:15 | Welcome and Introduction Dr. Eve O'Toole & Ms. Mary Moriarty |
| 09:15-10:15 | Plenary: Introduction to EBP Dr. Annette Plüddemann & Prof. Carl Heneghan |
| 10:15-11:00 | Plenary: Asking an answerable question Dr. Eve O'Toole |
| 11:00-11:30 | Coffee |
| 11:30-13:00 | Plenary: Study designs Dr. Annette Plüddemann |
| 13:00-14:00 | Lunch |
| 14:00-15:30 | Small group work 1: Developing a PICOT and identifying the correct study design to answer it |
| 15:30-16:00 | Coffee |
| 16:00-17:00 | Plenary: Searching the literature Ms. Eimhin Linn |
| Day two (Wednesday 13 th March) Chair: Dr. Niamh O'Rourke & Dr. Annette Plüddemann | |
| 09:00-10:00 | Plenary: Appraising systematic reviews Dr. Anne Carroll |
| 10:00-11:00 | Plenary: Appraising randomised controlled trials Dr. Doreen O'Grady |
| 11:00-11:30 | Coffee |
| 11:30-13:00 | Plenary: Making sense of results Prof. Carl Heneghan |
| 13:00-14:00 | Lunch |
| 14:00-15:30 | Small group work 2: Appraisal of SRs and RCTs |
| 15:30-16:00 | Coffee |
| 16:00-17:30 | Plenary: Appraising other study types- What to do with evidence in the real world Prof. Carl Heneghan |
| 19:00 | Conference dinner (Fallon & Byrne) |
| Day three (Thursday 14 th March) Chair: Dr. Eve O'Toole & Prof. Carl Heneghan | |
| 09:00-09:45 | Plenary: Appraising guidelines Dr. Eve O'Toole |
| 09:45-10:30 | Plenary: Evidence into practice-Developing guideline recommendations Dr. Eve O'Toole |
| 10:30-11:00 | Coffee |
| 11:00-12:00 | Plenary: Evidence into practice-Shared decision making Dr. Doreen O'Grady |
| 12:00-13:00 | Plenary: Evidence into practice-Implementation planning Dr. Niamh O'Rourke |
| 13:00-14:00 | Lunch |
| 14:00-15:00 | Small group work 3: Presentation preparation |
| 15:00-16:30 | Group presentations |
| 16:30-17:00 | Closing Dr. Niamh O'Rourke |

2. Training in EBP for healthcare staff

- Training courses in EBP for multidisciplinary healthcare staff, 'Introduction to evidence based practice' in collaboration with the CEBM, Oxford.
- 3-day training provided to 50 healthcare professionals in November 2017 and March 2019.
- Focus on applying evidence to practice (implementation) and patient participation/ shared decision making.



"This has been an excellent course. I have developed skills that I hope to continue to develop and no longer fear. Thank you."



3. Training of EBP educators

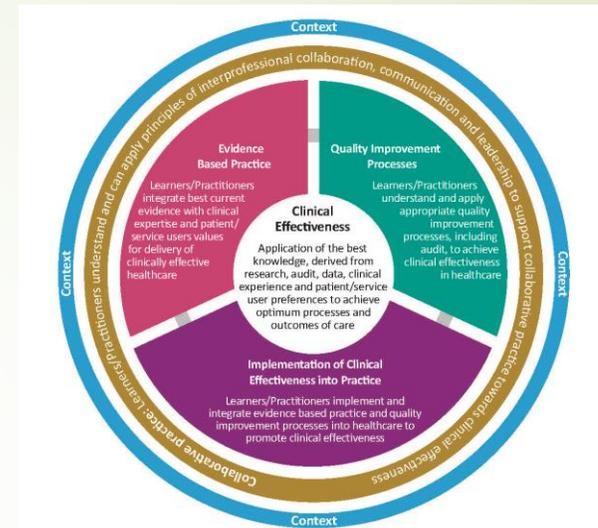
- ▶ Training of a cohort of EBP educators/trainers to teach EBP.
- ▶ Training of 10 EBP practitioners at CEBM Oxford to become future teachers of EBP in Ireland (2016 – 2019).

“Excellent workshop, would recommend it to everyone. Thanks to the wonderful facilitators, my new role models”.



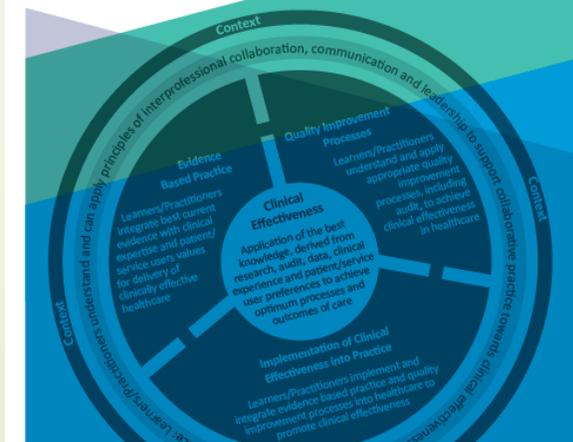
4. Development of a competency framework

- Consultation events with regulators, accreditation bodies, researchers and educators.
- Analysis of health regulator requirements.
- Stakeholder consultation: 13 focus groups.
- Development of a competency framework.
- Policy makers, health service providers and the regulators of health professionals convened an implementation group to oversee dissemination and implementation.



Competency Framework for clinical effectiveness education Summary

2019



Available at: <https://health.gov.ie>

5. Establishment of an EBP network

Aims:

- To increase the capacity and use of evidence-based practice in Ireland.
- To foster a culture in the health and social care services that **'evidence-based practice is how we do things around here'**.

Objectives

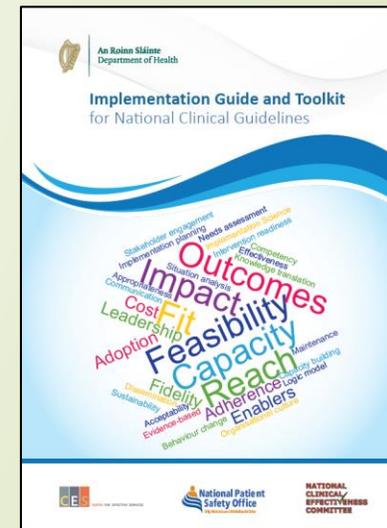
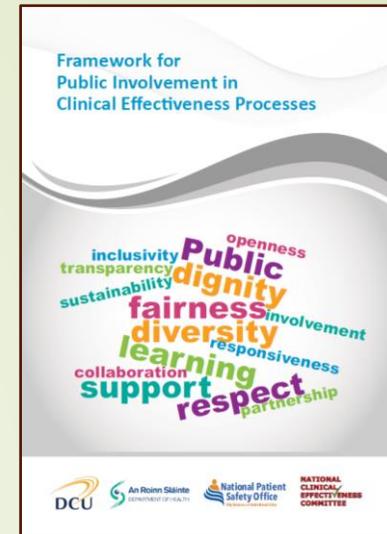
- To raise awareness of EBP in the health service in Ireland.
- To connect the Network with other relevant groups in Ireland and other countries.
- To facilitate capacity building to enable delivery of EBP training programmes.
- To create opportunities to share methodologies and skills in EBP.
- To promote the inclusion of EBP in healthcare professional training and curricula.
- To empower practitioners to use an EBP approach in their profession.
- To communicate EBP in plain language to the wider community.
- To facilitate the translation of evidence into practice.

Evidence-based practice is how we do things around here!



Results

- Publication of baseline research of EBP teaching in Ireland, 2017.
- EBP Education Forum with educators, regulators and accreditation bodies, 2016 and 2017.
- Training of 10 EBP practitioners at CEBM Oxford to become future teachers of EBP (2016 – 2019).
- 3-day training on 'Introduction to evidence-based practice' for multidisciplinary healthcare professionals in November 2017 and March 2019.
- Development of an implementation guide and toolkit for evidence-based projects, 2018.
- Development of a framework for patient and public participation, 2018.
- Publication of a competency framework for EBP and clinical effectiveness education in Ireland, 2018.
- EBP network launched, March 2019.





Limits:

- ▶ The inclusion of evidence-based practice is not currently mandatory in the curriculum of healthcare professionals in Ireland.

Conclusion:

- ▶ This project addresses the current lack of standardised EBP education and training in Ireland. The network will provide a hub for education, collaboration and dissemination with a multidisciplinary group of health professionals working in the Irish healthcare system.
- ▶ Through inclusion of evidence-based practice in the curricula of all healthcare professionals at both undergraduate and postgraduate level, we aim to build capacity and encourage the next generation of leaders in evidence-based healthcare in Ireland.
- ▶ By means of consultation with stakeholders, capacity building, and working in collaboration with regulators and policy makers, we can translate evidence into policy and real-world practice, to improve patient outcomes.

Capacity building for Evidence based practice in Ireland



Dr Niamh O'Rourke, Health Information & Quality Authority, Ireland norourke@hiqa.ie

Dr Eve O'Toole, National Cancer Control Programme, HSE, Ireland eve.otoole@cancercontrol.ie

Ms Mary Morrissey, Health Service Executive, Ireland maryc.morrissey@hse.ie

Funding: A grant was awarded by the Naji Foundation for EBP training & capacity building and to attend this conference.

The Naji Foundation is dedicated to promoting evidence-based healthcare and informed healthcare choices and aims to support activities and research that increase the use and understanding of evidence in healthcare.

naji foundation