



Generation of new scientific evidence



Section IV

Evidence based indicators of quality nursing education programs

Nancy Spector (USA)

- Large (n=655) study
- Preliminary results ~ 12 indicators identified
 - ...
 - Utilize research
 - Synthesise data for decision making

Evidence based indicators of quality nursing education programs

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- Large (n=655) study
- Preliminary results ~ 12 indicators identified
 - ...
 - Utilize research
 - Synthesise data for decision making
- How to validate successful attainment..?
- League tables for EBHC teaching..?

An exploration of preceptors perceptions of benefits, rewards, supports and commitment to the role

James Lynch (Ireland)

- Theory – Practice Gap trigger
- Qualitative design
- Preceptors need support from line managers
- Preceptors need recognition

An exploration of preceptors perceptions of benefits, rewards, supports and commitment to the role

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- Theory – Practice Gap trigger
 - Qualitative design
 - Preceptors need support from line managers
 - Preceptors need recognition
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- Why only students have preceptors?
 - Could be associated with CPD activity ~ EBHC

An Ex Post Facto Exploration of the Relationship between Dialysis Adequacy and Health-Related Quality of Life in Haemodialysis Patients in Ireland

Joanne Cleary (Ireland)

- Speciality specific project
- Nurse-led research
- Quality of Life assessed with SF36

An Ex Post Facto Exploration of the Relationship between Dialysis Adequacy and Health-Related Quality of Life in Haemodialysis Patients in Ireland

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- Speciality specific project
- Nurse-led research
- Quality of Life assessed with SF36

- Recognition that coping with chronic disease is multi-dimensional
- Future study to use locally developed disease-specific QoL tool

Understanding NNT
Patients and Physicians Perspective
Amit Ghosh (USA)

- Literature review
 - 75% medical students don't understand NNT
 - 84% family doctors don't understand NNT
 - Patients not influenced by NNT when explained

Understanding NNT

Patients and Physicians Perspective

Amit Ghosh (USA)

- Literature review
 - 75% medical students don't understand NNT
 - 84% family doctors don't understand NNT
 - Patients not influenced by NNT when explained
- Consistent theme over many years
- NNT is an estimate ~ always need CIs
- Should we drop NNTs from the toolkit..?

The likelihood ratio meta-scatterplot: test efficacy at a glance

Dirk Stengel (Germany)

- Need to meta-present diagnostic performance
- Leading edge EBHC statistics
- Bi-directional plots very (visually) effective

The likelihood ratio meta-scatterplot: test efficacy at a glance

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- Need to meta-present diagnostic performance
- Leading edge EBHC statistics
- Bi-directional plots very (visually) effective
- Complex statistics not available in SAS etc
- Validity of approach questioned

How and where do Chilean health professionals get their health information?

Luz Letelier (Chile)

- How much time do I read ? = 4.2 hr/week
 - 49% Books
 - 22% Internet resources doctors
 - 16% colleagues
 - 13% librarians

How and where do Chilean health professionals get their health information?

Luz Letelier (Chile)

- How much time do I read ? = 4.2 hr/week
 - 49% Books
 - 22% Internet resources doctors
 - 16% colleagues
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- How much time should I read ? = 22 hr/week
- Lack of internet holding EBHC back..?
- EBHC expectation and practice varies between professions

Does FUTON (Full Text on the Net) & NAA (No abstract available) bias impact visibility of cardiology research?

Amit Ghosh (USA)

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- Yes
 - Picking the low hanging fruit

Does FUTON (Full Text on the Net) & NAA (No abstract available) bias impact visibility of cardiology research?

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- Yes
- Picking the low hanging fruit

- Form of retrieval bias
- Probably similar effect in other specialities
- Bibliographic access with FUTON varies
 - Professions
 - Institutions
 - Countries
- Author-pay model of publication?

Does the effectiveness of pharmaceuticals fade with time?

Reasons and consequences

Christel Weiss (Germany)

- Evidence – Practice Gap
- $\frac{3}{4}$ studies effectiveness faded with time
- New drugs assessed on sicker patients

Does the effectiveness of pharmaceuticals fade with time?

Reasons and consequences

Christel Weiss (Germany)

-
-
-
-
- Evidence – Practice Gap
- ¾ studies effectiveness faded with time
- New drugs assessed on sicker patients

- Is this effect demonstrable for a wider range of drugs..?
- Is this selection bias..? (despite blinded RCT)
- Is the effect an association..?
 - due to early trials = drug company sponsored..?

The clinical path of acute coronary syndrome

Andrea Copponi (Italy)

- An exemplar topic for pathways
- Multi-professional & multi-disciplinary
- Crude outcomes demonstrably improved

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- But took 1½ years to develop / agree
- Hawthorne effect..?
- Longer term re-audits needed

Evidence-based information Technology (EBIT)

Using evidence to save resources in health care management

Horst Kunhardt (Germany)

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- Replace paper forms with embedded EBHC compliant electronic forms ~ pathways
 - Significant resource savings (cost & time)

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Using evidence to save resources in health care management

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- Replace paper forms with embedded EBHC compliant electronic forms ~ pathways
- Significant resource savings (cost & time)
- Hospital based rather than area or state
- Commercial or in-house solutions?
- 100% reliability and total coverage from day 1