Welcome

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Learning and electronic health record implementation: An exploratory study of registered nurses' experiences of learning while working in high-stress environments

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Presentation Outline

➢Research Purpose and Scope
  ➢Social, Practical, and Personal Factors
➢Narrative Inquiry: Method of Inquiry
  ➢Data Collection
  ➢Participants
➢Narrative Inquiry: Learning about Learning
  ➢Co-Constructed Stories (Creative Non-Fiction)
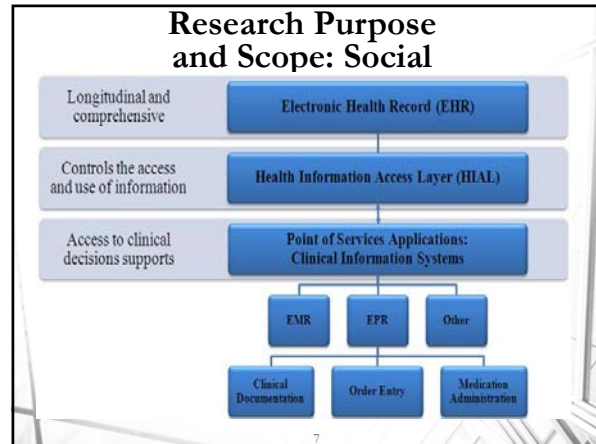 ➢Thematic Analysis
➢Implications
➢Recommendations

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Research Purpose and Scope

- Social
- Practical
- Personal

(Clandinin, Pushor & Orr, 2007)

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Research Purpose and Scope: Social

Longitudinal and comprehensive	Electronic Health Record (EHR)
Controls the access and use of information	Health Information Access Layer (HIAL)
Access to clinical decisions supports	Point of Services Applications: Clinical Information Systems

EMR   EPR   Other

Clinical Documentation   Order Entry   Medication Administration

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Research Purpose and Scope: Social

Understanding local perspectives of registered nurses – this new knowledge may help us to determine why electronic health record (EHR) challenges exist. That is, to help us understand why some projects fail while others succeed.

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Research Purpose and Scope: Practical

➢ The essence of understanding new health-care technologies and end-user responses.

- Patient safety
- Efficiency
- Prevailing practices

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**Research Purpose
and Scope: Personal**

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**Narrative Inquiry:
Learning about Learning**

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Narrative Inquiry: Methods

Data Collection

➢ Stage One: Focus groups
  o 12 participants

➢ Stage Two: Unstructured Interviews
  o 9 participants

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Co-Constructed Stories

➢ Let Me Tell You a Story about Nursing

➢ The Story of the Yellow Trough: I Remember the First Time I Saw It

➢ Learning Starts with What Nurses Do

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Let Me Tell You a Story about Nursing

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Thematic Analysis

Themes

- Remembering What it Felt Like
- The Point when Learning Became Important
- The Messiness of Learning
- Technological Guru and Nurse Expert
- What is Nursing Competence?
- Learning to Get it Right
- Taking a Back Seat

Subthemes

- Pedagogical Quandaries
- It Makes Me Feel Stupid
- We Stumble Across It
- When the EHR Takes Control
- There's No Time to Play with It

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Thematic Analysis

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Themes

- Technological Guru and Nurse Expert
- What is Nursing Competence?
- Learning to Get it Right
- Taking a Back Seat

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Implications

➢The essence of both computer and information literacy

➢Learning within Local Communities of Practice
  • Informal and unstructured
  • Lack of evaluative processes
  • The essence of self-reflection
  • Trial and error approach

• Patient Safety

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Acknowledgements

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Recommendations

• Learners (Personal)

• Educators (Practical)

• Organizational/Governing Bodies (Social)

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Thank you for listening.

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