HIC2014: investing in e-health: people, knowledge and technology for a healthy future

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SHARED RESPONSIBILITY FOR ELECTRONIC RECORDS: GOVERNANCE IN PERINATAL DATA ENTRY
Population data sets?

Perinatal data

- Collected Australia wide
- Monitors patterns mortality and morbidity of mothers and babies
- For research, education, funding, patterns of care
Governance

Clinical governance exists to continuously improve the quality of patient care

Clinical documentation falls into this area of quality improvement
Overall research aim:

To understand the factors that influence midwives when collecting and entering perinatal data

Only findings coalescing around the theme *accountability* are presented here
Example computer locations
Research design

Grounded Theory Methodology (GTM)
Voice of participant midwives
- Purposive sampling
- Theoretical sampling
- Data saturation
- Constant comparative analysis
- Memo's
- Theoretical development
- Ethics approval

- 15 participants
- 3 systems for perinatal data entry
- 12 hospitals
Theme: Accountability

- Responsibility
- Entering perinatal data for others
Midwives experienced a sense of responsibility for the perinatal data of the mothers and babies in their care.

- completion an underlying requirement
- no follow up for incomplete records
- no sign off on completion
- no clear recognition of whose job it was
This research found:

- that individual midwives were generally not held accountable for their own errors
- correction of errors and completion of missing data done by someone in their unit, usually the perinatal data coordinator.
- accountability for the accuracy and completion of perinatal data is transferred to the coordinator.
Entering perinatal data for others

- Transfer of accountability
- Shared responsibility
- Frustration
- Temporary staff
- Time
- Shared passwords
Shared Information Objects

- Frustration from forced collaboration
- Less than optimal use of the tool
- Divided understanding of purpose

Lack of Governance

- Role confusion
- Unbalanced workloads
- Blaming others
- Lack of action
- Poor morale

Lapao 2011

Governance

Follow procedures appropriately

Gajanyake, Ianella, Sahama 2011
Recommendations

• Implementation of governance throughout healthcare institutions in Queensland around shared information objects such as perinatal data

• Streamlining passwords

• Education on the risks & breech of security of password sharing
Summary

Accountability in PD entry is lacking in QLD maternity units in general regarding perinatal data entry.

Collaborative documentation is only increasing as paper records are moved to eHealth platforms.

Governance is required to ensure continuing education and audit trails exist.
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Shared responsibility for electronic records: Governance in perinatal data entry

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