


Empirical Evaluation of a Standardized, Evidence-based Care Plan for Public Health Nurse Family Home Visiting



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Presenter Disclosures

The following personal financial relationships with commercial interests relevant to this presentation existed during the past 12 months:

No relationships to disclose

Background

- Evidence-based guidelines for public health family home visiting were encoded using the Omaha System in 2008 and updated in 2013.
- Provide guidance for PHN interventions (N=101) for 10 Problems, including 3 Categories, and 35 Targets
- Care plan available on the Omaha System Guidelines website www.omahasystemguidelines.org
- How PHNs use the guideline in practice is not known

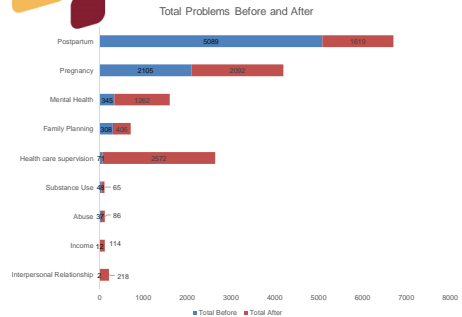
Purpose

- The purpose of this study was to empirically evaluate use of the family home visiting evidence-based care plan with electronic health record (EHR) data generated by PHNs providing evidence-based family home visiting services.

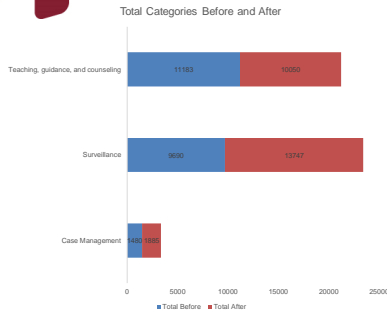
Methods

- Descriptive, comparative study
- Sample
 - 48,039 PHN family home visiting interventions
 - 22,357 before Care Plan Implementation (47%)
 - 25,682 after Care Plan Implementation (53%)
 - 1046 female clients
 - mean age 29.3 (all > 18 years)
 - 71.2% white
- Standard descriptive and inferential statistics were employed in the analysis using Excel and SPSS

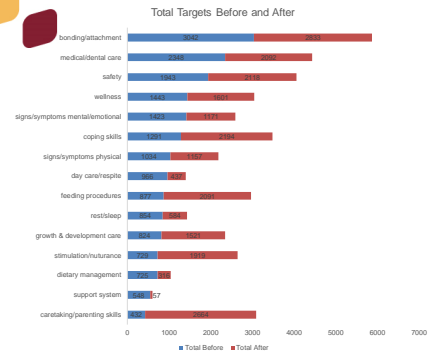
Results-Problems



Results-Categories



Results-Targets



Limitations

- As in any observational study, controls could not be imposed. Therefore, further research is needed to study reasons for variations found in intervention data.

Conclusions

- The evidence-based family home visiting care plan appears to have met the needs of PHNs for documenting home visiting practice
 - PHNs used all but one intervention from the care plan
 - PHNs added interventions as needed, but these were minimal
- PHN documentation appeared to reflect both the care plan change and policy changes.
- PHN documentation appeared to reflect tailoring to meet individual needs – a hallmark of evidence-based home visiting care.

Thank you! Questions?

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