HOME VISITS: HOW DO PROCESS AND QUALITY INTERACT?

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BACKGROUND

• Appropriate measurement of home visiting is essential to quality improvement efforts

• Overall purpose is to identify information that will be helpful for enhancing home visiting practice

• We are examining the home visiting intervention processes and strategies identified with the Home Visit Observation Form (HVOF: McBride & Peterson, 1996) as they are related to levels of quality in the Home Visiting Rating Scale (HOVRS A+ v. 2.0: Roggman et al., 2014) domains

• This information will be used to target professional development efforts in order to maximize effectiveness
MEASURES

• Home Visiting Rating Scale (HOVRS A+ v2.0: Roggman, et al., 2014)
  • Measures 7 domains of quality
    • HV Responsiveness to Family
    • HV-Family Relationship
    • HV Facilitation of P-C Interaction
    • HV Non-Intrusiveness and Collaboration
    • P-C Interaction during Home Visit
    • Parent Engagement during Home Visit
    • Child Engagement during Home Visit
  • Rating of overall HV interactions
  • Quality ratings related to + parenting and child outcomes

• Home Visit Observation Form-Revised (HVOF-R, McBride & Peterson, 1996)
  • Measures 5 categories of interactions
    • Who is Present
    • Primary Interactors
    • Content of Interaction
    • Nature of HV Activity
    • Parent Engagement during Home Visit
  • Interval observation
    • Each category measured every 30 seconds
    • Interrelationships of activities revealed
  • Triadic interactions related to + parent engagement
STUDY QUESTIONS

How do the processes of
1) interaction partners,
2) content of interactions, and
3) nature of home visitor activity

Relate to the ratings of quality for
1) overall HV quality,
2) HV facilitation of parent-child interaction,
3) observed parent-child interaction quality, and
4) child engagement

How can information from both measures be used to inform professional development efforts?
HOME VISITS

• 60 home visits, with 30 home visitors, were observed
• One home visit per family
• Home visits lasted from 15-90 minutes, average length of 49 minutes
• Home visiting program models included
  • Early Head Start
  • Healthy Families America
  • Nurse Family Partnership
• Target children were all under one-year of age
Home visits were videotaped by agency supervisors or other staff members

- The videos were coded by trained observers on the research team
  - Observers were trained to within one agreement on the HOVRS and over 85% exact match agreement on the HVOF
  - Every 4th video was double-coded to ensure continual reliability
- The HOVRS A+ uses a 1-7 scale within each of the 7 domains and overall
  - Each domain is then given an overall score based on the pattern of scores for the domain indicators
  - A score of 1 indicates inadequate quality in the domain, a score of 3 is adequate, a score of 5 is good and a score of 7 is excellent
- The HVOF is an interval coding system where every 30 second process items are coded
  - Interaction partners
  - Interaction content
    - Child-focused content
    - Family-focused content
    - Administrative/other
  - Nature of the home visitor’s activities
    - Child-focused interactions (direct teaching, modeling, coaching, observing)
    - Adult-focused interactions (providing info., asking for info., listening, affirmation, self-disclosure, general conversation)
    - Other (administrative paperwork)
- Examined the relations among the specific interventions and quality ratings
RESULTS

Overall HV Quality Rating

- PercentTriadic
- PercentChildContent
- PercentChildInteraction

Rating 1-1.99
Rating 2-2.99
Rating 3-3.99
Rating 4-4.99
Rating 5-5.99
Rating 6 and above
Home Visitor Facilitation of Parent-Child Interactions
Home Visitor Facilitation of Parent-Child Interactions

- PercentParentChild
- PercentParentHV
- PercentHVChild
- PercentTriadic
- PercentOtherInteractors
- PercentChildContent
- PercentFamilyContent
- PercentOtherContent
- PercentChildInteraction
- PercentParentInteraction
- PercentOtherInteraction
IMPLICATIONS

• Assumption guiding home visiting
  • Optimal child outcomes result from healthy and developmentally appropriate parenting
  • Home visiting behavior should be directed at enhancing parent-child interactions
    • Engaging in triadic interactions
    • Focusing on child related content and activities, and
    • Coaching parents
  • The ideal home visitor
    • Selection
    • Training
    • Ongoing support
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• HOME VISITATION AGENCY PARTNERS AROUND THE STATE OF IOWA
  • 10 COMMUNITIES IN 16 COUNTIES (75 HOME VISITORS AND 30 SUPERVISORS)
  • 361 FAMILIES TO DATE

• GRADUATE RESEARCH TEAM AT ISU
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• Questions and comments