

TRAJECTORY OF PARENTING CONFIDENCE
AMONG PARENTS OF INFANTS WITH
COMPLEX CHRONIC CONDITIONS

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DISCLOSURE

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OBJECTIVES

1. Describe the prevalence and family impacts of infants with complex chronic conditions (i.e., medical complexity).

2. Explain the concept of parent confidence and relationship to infant outcomes, family functioning, & parental well-being.

3. Identify patterns and predictors of parent confidence trajectories among parents of infants with complex chronic conditions.

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SOCIAL IDENTITIES

















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JOURNEY OF RESEARCH

















PRE-DOC
NICU-Play (RA)
Human Milk (RN)

DOCTORATE
Parenting Self-Efficacy
Bundled Care

POSTDOC
NICU + COVID19
Parent Presence

EARLY CAREER
Economic Stability
Care Coordination





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INTRODUCTION


• 1 in 10 infants will require specialized care in a neonatal intensive care unit

• 51% are preterm

• 49% surgical, congenital, other birth defects and birth issues

• Can have complex and non-complex medical conditions


Care Patterns



Healthcare Utilization (insurance, cost, providers, distance)

Health Status

Outcomes



Parent Health & Caregiving (Parenting)

Infant Health & Development

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MEDICAL COMPLEXITY

- Subgroup of Children with Special Healthcare Needs
- Highest degree of medical fragility
 - 1% IMC = 34% of spending
 - ~30% of NICU discharges
- ↑ prevalence over the last decade

Multiple CDD diagnoses, rate per 100,000

Single CDD diagnoses, rate per 100,000

1991-1993 1994-1995 1997-1999 2000-2002 2003-2005

17.6%
5.6%

Chen, et al (2011)
Bany, et al (2010)
Rosenfeld, et al (2011)
Bany, et al (2011)

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PARENT CONFIDENCE & PARENTING SELF-EFFICACY

A parent's judgement about their ability to engage in parenting practices that influence positive growth and development of their child.

- More resilient
- Better equipped in challenging situations
- More competent in play interactions
- Associated with infant health status

- Contributes to social isolation
- More stress, depressive symptoms and poorer family functioning
- Perceptions of difficult infant temperament

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CONCEPTUAL FRAMEWORK

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DESIGN

- Longitudinal, Multi-method
- Prospective survey

SAMPLE

- Parents (Mothers & Fathers)
- ICN & PCICU

Inclusion Criteria	Exclusion Criteria
✓ Self-Identified Parent	✓ Adoptive and adolescent parent(s)
✓ Expected to survive initial 3 weeks	✓ Multiple gestation pregnancies/births
✓ Expected discharge home with parent(s)	✓ Acute diagnoses
✓ English speaking/reading	

Birth LOS: 52 days Discharge

Study Length: 5-6 months

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DATA COLLECTION

- Karitane Parenting Confidence Scale (Confidence) (x3)
- Family Assessment Device (Family Health) (x3)
- Helpgiving Practices Scale (FCC) (x1)
- General Psychological Well-Being Index (Wellbeing) (x2)
- Technology Dependence Scale (Caregiving Complexity) (x3)

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DEMOGRAPHICS

Maternal Variables	Mean	SD
Age	30.03	5.43
Number of Children	1.91	1.16
Education in Years	6.27	1.18

N=67

Paternal Variables	Mean	SD
Age	33.8	6.3
Number of Children	1.9	1.2

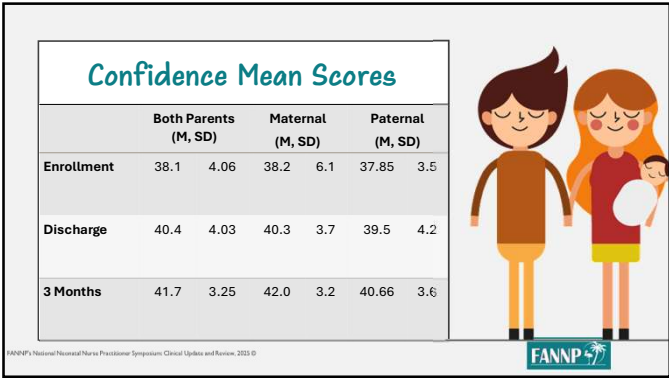
N=27

Infant Variables	Mean	SD
Gestational Age (weeks)	33.81	5.74
Length of Stay (days)	62.62	45.58
Complex Chronic Conditions	3.31	1.60
Medications at Discharge	3.47	2.84

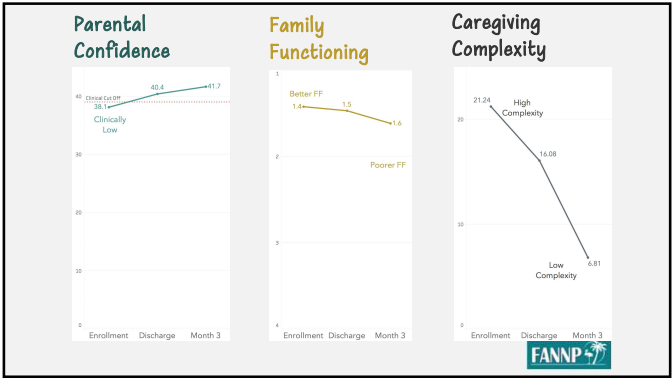
Paternal Diagnosis (Yes)

Number of children includes infant enrolled in study

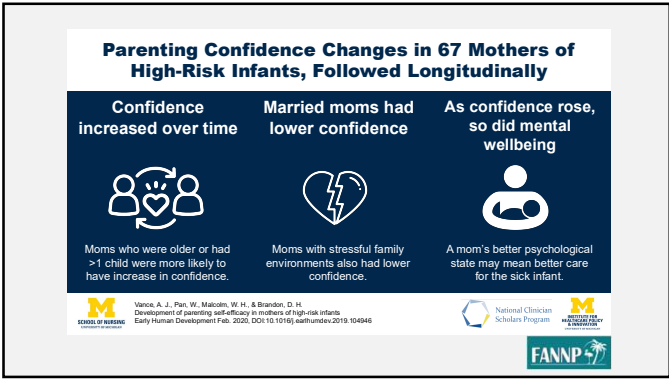
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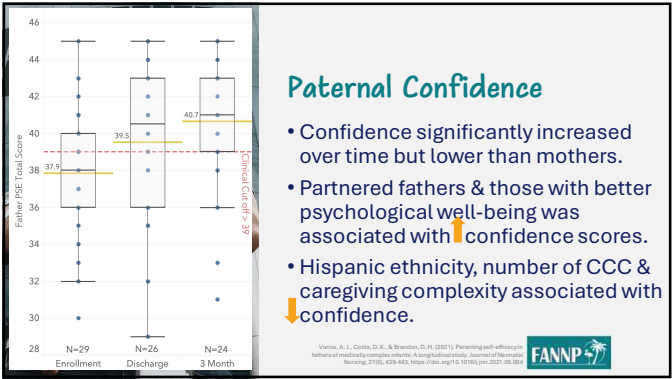
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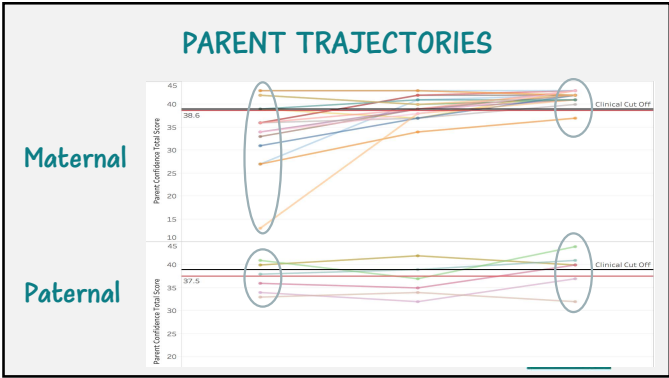
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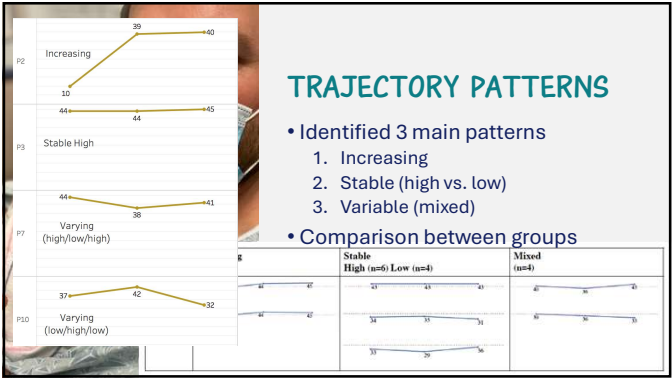
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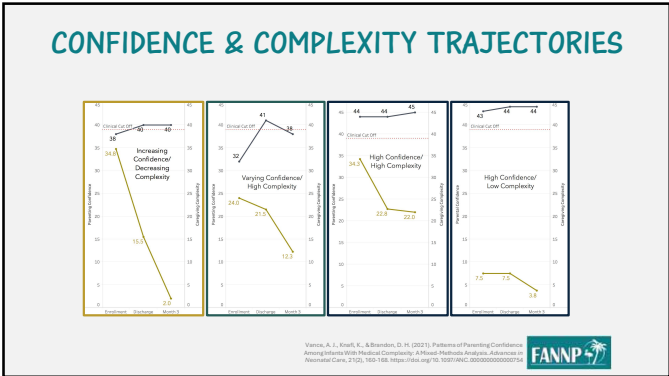
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CLARIFICATION OF CONCEPT

Delineating Among Parenting Confidence, Parenting Self-Efficacy, and Competence

Author: J. Vance, MA, RN, RNC-NC; Editor: D. Brandon, PhD, RN, CNS, FAAN

This article explores the concepts of parenting self-efficacy, parenting confidence, and competence. Using a mixed-methods approach, a review of each concept was conducted to explore conceptual, behavioral, and measurement overlap between concepts and provide conceptual boundaries. Findings revealed that parenting confidence and parenting self-efficacy are closely related, but parenting confidence is more specific to the parent's belief in their capacity to perform the behaviors expected of them in their parental role. Parenting competence is a concept that should be used as an objective measure to assess the quality of their parenting behavior.

- **Parenting Self-Efficacy & Parenting Confidence** are equal terms regarding a parent's belief in their capacity to perform the behaviors expected of them in their parental role.
- *Confidence is the word we use to operationalize self-efficacy.*
- *Current measures cannot distinguish between the two concepts.*
- **Competence** – an objective assessment by someone other than the parent assessing the quality of their parenting behavior.

Vance, A. J., & Brandon, D. H. (2017). Delineating Among Parenting Confidence, Parenting Self-Efficacy, and Competence. *ANS: Advances in Nursing Science*, 40(4), E18-E37. <https://doi.org/10.1097/ANS.0000000000000719>

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IMPLICATIONS

- Confidence matters
- Equitable Interactions & Communication
- Emotional support
- Validation & Acknowledgment
- Care Delivery
- Parenting capacity

Saghai & Short (2018)

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Self-Efficacy is often a greater predictor of success than actual abilities.

Thank you for your support

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