

NICU Nurses and Families Partnering to Provide Family-Centered Developmental Care

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PICO

Will implementing the seven neuroprotective core measures of family-centered developmental care impact the satisfaction of NICU nurses and families through new knowledge and skills compared to traditional care?

Family-centered developmental care is a method of approaching medical care based on the idea that optimal patient outcomes are accomplished when patients family members participate in an active role in contributing care and support to the patient. (AAP, 2003)



The center of the flower, along with its 6 petals, represent the seven core measures to consider when caring for a high risk premature infant. The overlapping of the petals reflect the *integrative nature* of developmental care. (Phillips, 2015)

Seven Core Measures

1. Healing Environment
2. Partnering With Families
3. Positioning and Handling
4. Safeguarding Sleep
5. Minimizing Stress and Pain
6. Protecting Skin
7. Optimizing Nutrition

Neuroprotective Interventions

- Implement scheduled Quiet Time
- Facilitate early skin to skin
- Educate parents to participate in infant's care when possible
- Promote flexed midline positioning
- Cluster care
- Cycled lighting
- Educate parents on the importance of Back-To-Sleep
- Utilize pain tool and Braden Q scale
- Monthly skin prevalence study
- Provide mother's milk when possible
- Cue-based feeding protocol

Conclusions

Our NICU staff was educated on the “Seven Core Measures of Family-Centered Developmental Care” and neuroprotective interventions were implemented on every NICU infant. Pre and post surveys were collected from our NICU nurses showing an increase in knowledge of the appropriate care and potential benefits of these interventions. Pre and post Press-Ganey reports were collected for our NICU. Results showed an increase in satisfaction over most categories. Results of post surveys from parents during discharge phone calls showed NICU families had a strong satisfaction with the level of family centered care their infant received.

References

- American Academy of Pediatrics (AAP) Committee on Hospital Care and Institute for Family Centered Care Policy Statement: Family Centered Care and the Pediatrician's Role (2003). *Pediatrics*, 112(3), 691-696.
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Acknowledgements

Kelly, R., MSN, RN, CNO
Wilson, M., MSN, RN, NE-BC
Schneider, L., DNP, RN