

### Quality Improvement projects:

- Infant holding in the CICU, holding with lines and tubes
  - Power in multisite work
  - PDSA, QI
  - Assessments & Interventions Specific to Newborns with CHD
  - Parent education and involvement
  - Feeding Challenges & Interventions
  - Motor/Sensory Challenges & Interventions

### Working groups:

- Manuscripts
- QI study
- Outreach, resources
- Other

### Expanding group:

- Disciplines currently represented:
  - Parents
  - Pediatric Cardiac IntesivistNewborns
  - Cardiologists
  - Nurses
  - APNs
  - Speech-Language Pathologists
  - Physical Therapists
  - Occupational Therapists
  - Psychologists
  - Music Therapists

We would like to add any professionals that work with Newborns with CHD to join our group!

## Cardiac Neuroprotective Newborn Network

(CANN)



**Mission Statement:** The Cardiac Neuroprotective Newborn Team is a multidisciplinary group of professionals collaborating to improve hospital based care, support families, and provide education on individualized developmental care in order to improve long term outcomes for newborns undergoing surgical intervention for congenital heart disease.

## Goals

Promote individualized developmental care for cardiac patients.

- Creation of standard care practices for CHD infants and their families.
- Share ideas, materials, and education between members.
- Collaboration on manuscripts, research and dissemination of resource materials.

## Current Activities and Interest

### Manuscript ideas proposed:

- Best Practice for Developmental Care in CICU. A, Lisanti D, Vittner J, Fogel B, Medoff-Cooper, G, Wernovsky and S, Butler. Submitted to Journal of Cardiovascular Nursing, April 2018
- Feeding and nutrition, pre and post op period
- Parent stress and support
- Fine and gross motor concerns
- Sensory and environmental concerns

### Creation of a clinical pathway:

- Guidelines for physical therapy, occupational therapy, speech therapy, child life specialist, psychologist, nursing, and physicians on providing developmental care.

### Other Media To Support:

- Educational videos
- Guest Speakers
- Hands On Workshops
- NIDCAP currently in development, D Vittner (co-author)
- Educational handouts for families and staff

### Sharing resources:

- Collaborative presentations at conferences
- ASHA November 2018– presentation submitted by Karli Negrin SLP Nemours Children’s Hospital
- NIDCAP meeting Oct 2018 – presentation on family support in the CICU by S Butler
- Midwest Cardiology Conference 2019- Oral Feeding Challenges & Considerations for Newborns with CHD -J Fogel
- Create list of other members and their presentations

### Professional organizations and parent support groups:

- Develop list of parent support groups and other professional organizations that might be a good resource
- Collaborate with organizations to share information such as “Mended Little Hearts”, “CNOC”, American Heart Assoc.

### List serve:

- Therapists, physicians, nurses, parents, etc., can post questions or share case studies
- To join the list serve, contact: [cardiacnewborndevelopment@gmail.com](mailto:cardiacnewborndevelopment@gmail.com) stating that you would like to join the group, state your name, position, and hospital you are from. Refer questions to Jennifer.Fogel@aah.org