Do You ROO? A Quality Improvement and Practice Change Project to Implement Kangaroo Care in the Postpartum Period

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Results

Mean Kangaroo Care Minutes per Newborn, By Implementation Week



Implementation Week, including Pre-implementation Week 0

	Total number of	Average KC Minutes	Total Number of	Newborns	Newborns
Week	KC min	per Newborn	Newborns	with KC	with no KC
Pre-Implement					
0	o	0	69		69
1	2215	29.93			47
2	9297	143.03	65	63	2
3	7308	93.69	78	61	17
4	17719	236.25	75	67	8
5	8698	120.81	72	57	15
6	9302	117.75	79	68	11
7	8850	98.33	90	70	20
8	6481	108.02	60	49	11
9	8865	115.13	77	67	10
10	9895	125.25	79	54	15
Total:	88630	108.0172727	818	583	225
Pre-					
Implementatio					
n	0	0	69	0	69
Post- Implementatio					
n	88630	118.331108	749	583	156

Cleveland Clinic Hillcrest Hospital

Conclusions

- Statistically and clinically significant increase in use of KC
- Process of change required in-depth interdisciplinary support
- Nurses identified barriers to using Kangaroo care, some personal and some safety-related
- Perceived nursing workload may affect implementation
- Education of nurses not enough to implement change- must continually monitor change process, reinforce reasoning behind need for change process
- Change itself takes time- changing current practice may take longer than expected

Nursing and Healthcare Implications

- Identification of stakeholders and internal processes necessary for success
- Well-planned change can still experience unexpected barriers
- Nurses perception of process important as lack thereof can derail implementation
- Increasing documentation requirements increases time nurses spend on documentation
- Adjustments to staffing matrices may assist with increasing documentation requirements
- More research needed on use of KC during the postpartum period

Practice Problem

- Kangaroo Care not utilized during the inpatient postpartum period
- Kangaroo Care is standard at birth and in the Neonatal Intensive Care Unit
- Education, documentation of KC not standard during postpartum period
- Kangaroo Care may increase mother's selfefficacy in care of newborn
- Maternal lack of self-efficacy creates strain on nurse and on self
- Lack of KC, separation of couplet may affect couplet's ability to bond
- Poor positioning, possibly related to lack of knowledge, increases risk of Sudden Unexpected Postnatal Collapse (SUPC)

Project Description

- Develop documentation piece with nursing informatics with goal of implementing prior to annual nursing competencies
- Utilized standardized KC education provided by Ohio Department of Health for annual nursing competencies
- Near-daily monitoring of KC documentation
- Frequent reminders to document use of KC
- Continual contact with nursing informatics for data reporting, improvement of documentation based on feedback from bedside nursing staff

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