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Family Centred Care (FCC): A Social Collaboration to Improve Neonatal Health

Arti Maria

MD DM Neonatology
Prof & Head

Department of Neonatology

Dr. RML Hospital and PGIMER, New Delhi

Family Centered Care (FCC)

• FCC: At a Glance

Family Centered Newborn Care in India

Concept Genesis (2007)

Overcoming HR constraint in NICU: Engaging Parent in Care

Evidence Generation (RCT 2010-2013)

Capacity building of accompanying parent attendant of a sick neonate for delivery of care & effect on neonatal outcomes

Outcomes

- 1. Feasible & Safe
- 2.↑ Breast feeding
- 3. ↓Hospital stay
- 4. No 个 in Infection

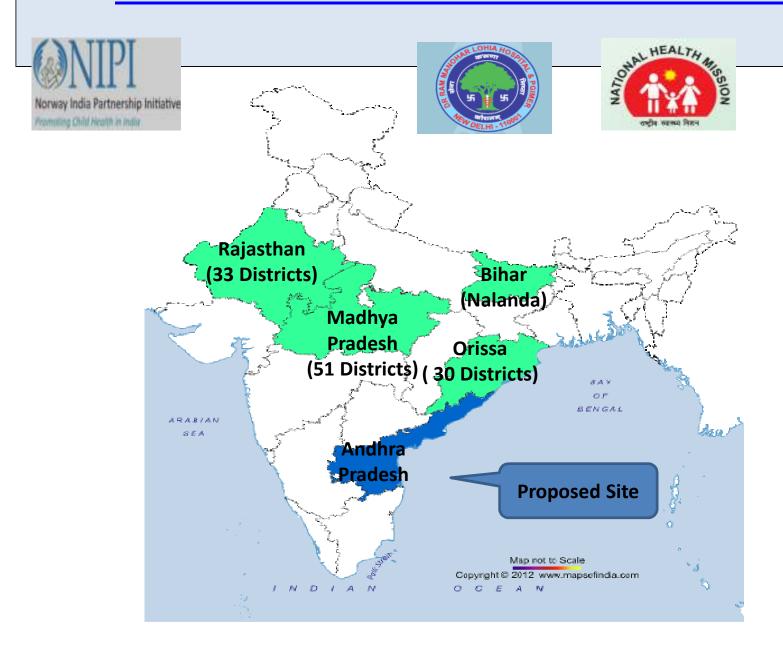
EvidenceLive

March 25th & 26th 2013 The Examination schools University of Oxford





Translation in Public Health 2014- till date



1. Audio Visual (AV) Modules



Session-1



- Sensitisation to FCC
- Preparation for entry into the Nursery
- Handwashing
- Gowning
- Familiarising with environment of Nursery



Session-2



- ➤ Developmentally Supportive care
- Cleaning a soiled baby
- ➤ Breast feeding
- Expression of Breast Milk
- Paladai feeding/Katori feeding
- ➤ When to alert the provider?



Session-3



क्यास्त्र मातृ सुरक्षा

Kangaroo Mother Care

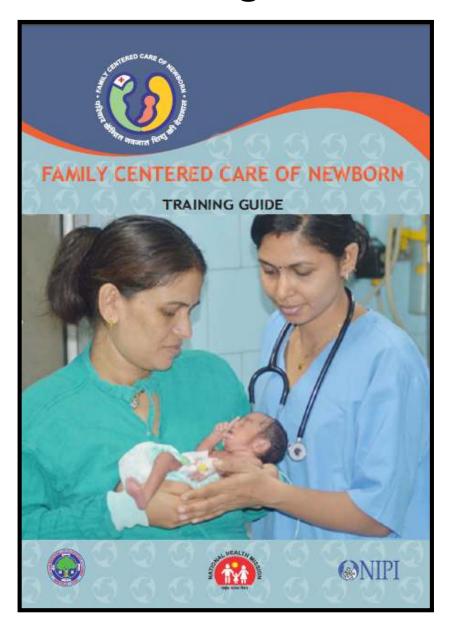


Session-4

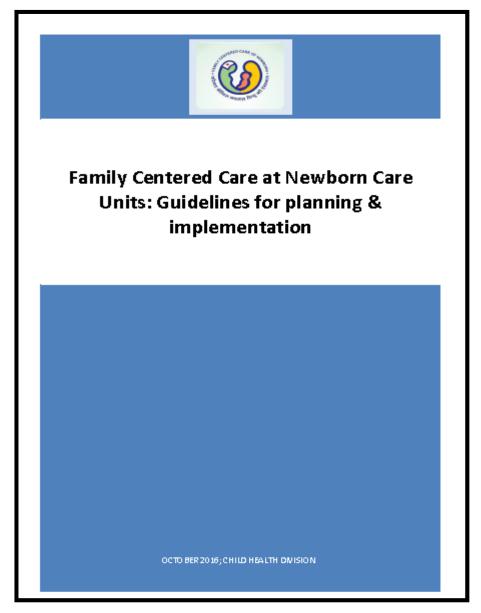


- ➤ Preparation for Discharge & care at home
- ➤ Handwashing/ Prevention of infection/ hygiene
- ➤ Sponging/ cleaning
- Appropriate Clothing/ Thermal care
- ➤ Exclusive breast feeding & KMC
- > Care of cord & eye
- ➤ Danger signs & seeking medical help
- ➤ Follow up & compliance with discharge instructions
- ➤ Immunisation

2. Training Guide



3. Operational Guidelines



Skill building process

Induction at Admission (Sensitisation to FCC)

Primary Care Provider Identified

Daily Trainings
Scheduled

Skills imparted through demonstrations and practice







Skill building process contd......

Supervised Learning

Peer To Peer Learning

Independent Doing

Discharge Counseling



Attributes & Indicators of Implementation: Feasibility

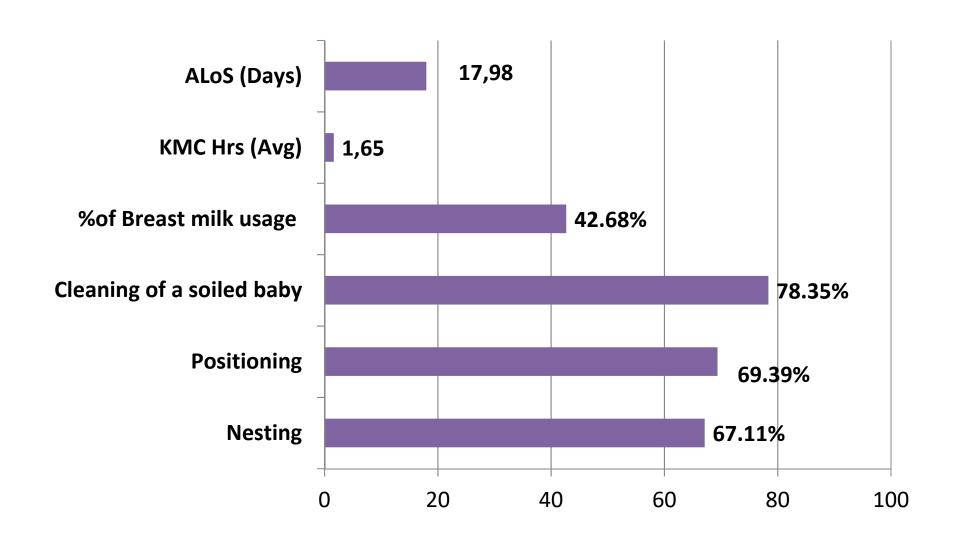
Parent- Attendant profile

- 3-20 % >50 years
- 23-61 % males (father, grandfather, uncles)
- 8 -20% grandparents
- 65-70% mothers
- 22 -25 % illiterate
- 110 % received the training
- Average time spent bedside by attendant was14.7 (± 1.1) hours/day

Attributes & Indicators of Implementation : Feasibility contd...

S. No.	Care Provider	Indicator	Value				
3		% of Nurse-Doctor who ever	June' 16	Dec'16			
		received sensitization to FCC	76.9% (39)	50% (42)			
4	For Nurse- Doctor	% of sensitized Nurse- Doctor who ever participated in conducting training sessions	16.6% (30)	42.8% (21)			
5		% of daily training session held	59.5% (84)	77.4% (93)			

Involvement of Parent- Attendants in Processes of Care (June'16- December 16)



Attributes & Indicators of Implementation: Acceptability

A Qualitative Study* using In-depth interviews

Summary findings:

- 1. Positive attitudes toward FCC
- 2. Knowledge of essential newborn care giving practices among both parents and service providers.
- 3. Continuation of delivering essential newborn care by family beyond hospitalization.

^{*}An Independent Research Team of University Research Co India Pvt Ltd

FCC

ISN'T IT APPEALING?...

- Low cost
- Seemingly simple
- May supplement HR constraint
- Seems to have benefits for all stakeholders involved

IS IT THAT SIMPLE ?
IS IT FEASIBLE?

Challenges in Implementation

Challenges w.r.t. heath care providers

- To accept parent-attendant as a co-partner in care delivery!
- Feeling of diminished authority!
- Uneasiness because of being constantly watched!
- Tendency for task shifting to mothers beyond the prescribed scope of activities!!
- They are expected to deliver a standard of care that an empowered parent now is aware of and expects from him !!!

- Mother is already sold to the concept
- Selling the concept to doc/ nurse!!
- Much easier to define what mother is expected to do and she will do.
- Much harder is to expect the doctor not to task shift

Getting on board health care provider is the most important

- A module for health care provider
- What he should and what he shouldn't do;
- Need of initial sensitisation and training of entire heath care team (Nurses, doctors, other staff).
- Monitoring must include parameters to assess nurses performance of tasks.
- Adverse events and Hospital acquired infections must be watched.

To Conclude:

- Translating and adapting principles of Family Centred Care to capacity build the families for essential care giving skills through the captive period of hospitalisation of their sick neonate is feasible and acceptable.
- Health care providers have a pivotal role to play.
- The enhanced competencies and empowerment of mothers to provide continuum of care at home entrusts them with Social accountability for health of their infant
- Family Centered Care is a promising model of a Social Collaboration that is likely to have generational impact on neonatal health.

Family Centered Care for Sick Newborn: video links

- Family Centred Care (FCC): At A Glance- https://youtu.be/ui7YcfTMd74
- FCC: Parents' experiences- https://youtu.be/BVaikd1nFaQ
- Scaling up of FCC across the communities- https://youtu.be/28OrApCzE0U
- Resource material:
- Session 1- Nursery Entry Protocol- https://youtu.be/S2_nvcDSkIY
- Session 2- Developmental supportive care- https://youtu.be/ALoGXC6-RQk
- Session 3- Kangaroo mother care- https://youtu.be/kKjNbYJ-R9w
- Session 4- Care after discharge at home https://youtu.be/Hbd14bq1iy8

Requirements for FCC: A Checklist

I. Facility Checklist:

A. Facility layout checklist (to be filled after observation)

S.No.	Observational Points
1	Mothers Sleeping/Retiring Area.
2	Provision of bathing/toilet facilities.
3	Provisions for food/diet for mothers
4	KMC room
	1. With KMC Chairs
	2. IEC material displayed.
	3. Front Open Gowns.
5	EBM/Breast feeding room with privacy
	1. IEC material displayed.
	2. Refrigerator for storing expressed milk.
	3. Provision of chairs.
	4. Boilers and utensils.
	5. A sink nearby for hand-wash / washing utensils.
	6. Availability of Breast Pumps(optional)
6	At entry of Newborn Unit : Logo and Posters of FCC
	displayed
	- · ·

7	At Nursery Entry Area:													
	I. Lockers for mothers where they can keep their valuables													
	or accessories before entry.													
	II. A nail cutter													
	III. Chappal changing area with adequate supplies of chappals													
	IV. <u>Handwash</u> / scrub area													
	V. Drum with sterile wipes and a cheatles forcep or a hand													
	dryer													
	VI. Black dustbin for disposing wipes													
	VII. Gowns in a drum for mothers.													
	VIII. Hand wash area exhibited with the posters on													
	handwashing (steps and importance), gowning etc.													
8	FCC training session room (it can be adjoining the unit or with in													
	the unit outside the SNCU area)													
	1. TV with USB port													
	2. Adequate number of chairs													
	A warmer / table for skill demonstration with													
	Mannikin													
	 Sheets for making nesting 													
	 Consumables like Diaper, Cotton, 													
	paper, waste bag etc.													
9	In SNCU:													
	I. Bedside chairs for mothers.													
	At exit point: there should be													
	I. Hangers for gown													
	II Hooks poiled on the wall													

Checklist contd....

C. <u>To monitor Family Friendly practices</u>

	Attitude	
1.	Practice of Counseling session at admission with the standard template	
2.	Practice of Counseling session at discharge	
3.	Practice of Daily appraisal sessions	

D. Orientation/Sensitization of the staff

(j)Training Sessions held for SNCU staffs-Y/N

(II) Human Resource



Staff category	Total number	Trained in FBNC (No.)	Trained in FCC (No.)
Doctors			
Staff Nurses			
ANM			
Any other staff (e.g.:			
Counselors; KMC			
Educators)			

FCC: Monitoring tool

Baby of			CR Number:	Gender
FCC Eligibility:			Date of birth	Birth weight
Date of admission		Time of admission	Admission Weight	Age at time of admission
Primary care provider		Phone no	Age	Educational status
1.				
2.				
Mother eligible(if Y/N)*	INDUCTIO	ON CONDUCTED ON	KMC eligible(if Y/N)**	HRC No-
Session 1(Date):	•		Session 2(Date):	Session 3(Date):

Dat	Tim	Nestin	Position	Cleaning Of	Feeding	Mode of	Time Spent	If Eligible
e	e	g	ing	Soiled Baby	0=NPO	feeding	With Baby	No. Of Hours Of KMC Given
		(Yes/N	(Yes/No	(Y/N)	1=FORMULA	0=TUBE FEED	(Should Be	(If Yes)
		o))		2=PARTIAL	1=KS FEED	Asked	If No -Reason
					EBM	2=DBF	From	
					3=FULL EBM		Mother)	

Nursing monitoring sheet

	NURSING MONITORING SHEET DEPARTMENT OF NEONATOLOGY PGI MER & DR. RAM MANOHAR LOHIA HOSPITAL NEW DELHI																																		
Name Sex Date	Sex Dob								Lose				Gain / Lose																						
Time	Temp	HR	RR	SP02	CFT	BP	AG	_		INPUT					PUT	PUT						reatment :emark													
								Asp.													IV		<u></u>	Mode			ı	ш			ন			EMARK	
									Probe site	IV site	LINE 1	LINE 2	NNS	OG/KS /DBF	EBM (m1)	Formula (ml)	orme (un)	Stool (M/N)	Sponging(M/N/ND)	Nesting(N/M/ND)	Positioning(N/M/ND)	Cleaning (N/M)	KMC (time in hours)												
8AM												'	П					•																	
9AM]																
10AM]																
11AM																																			
12N																																			

















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