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Gap Analysis
of

Special New Born Care Unit



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Special New Born Care Unit

- Special new born care unit was also known as sick newborn care unit
- Neonatal refers to the first 28 days of life
- It is intensive care unit specializing in the care of ill or premature newborn infants.
- It aims to provide care of infant- born within the hospital or outside including home delivery.
- It also acts as the teaching and training hub for imparting the skills of newborn care.

Level Of Care- SNCU

Level-1

- Neonates weighing more than 1800 grams
- It consists of basic care at birth, provision of warmth, maintaining asepsis & promotion breastfeeding.
- This type of care can be given at home, subcenter and primary health centre.

Level-2

- Neonates weighing 1200-1800 grams.
- Phototherapy, exchange blood transfusion, thermoneutral environment
- given at first referral units, district hospitals, teaching institutions and nursing homes.

Level-3

- Neonates weighing less than 1200 grams
- centralized oxygen and suction facilities ventilators, infusion pumps
- provided by skilled nurses and neonatologists.

PRIMARY OBJECTIVES:

“To assess the status of Special Newborn Care Units (SNCU) in Chhattisgarh state according to FBNC accreditation tool”

SECONDARY OBJECTIVE-

- To assess the availability of human resources against sanctioned post by FBNC guidelines
- To assess the availability of functional equipment and instruments for qualitative services to new born

RESEARCH METHODOLOGY-

Study area- Special Newborn Care Unit of Chhattisgarh

Study Design - Cross-sectional study

Study Sampling- Convenience sampling

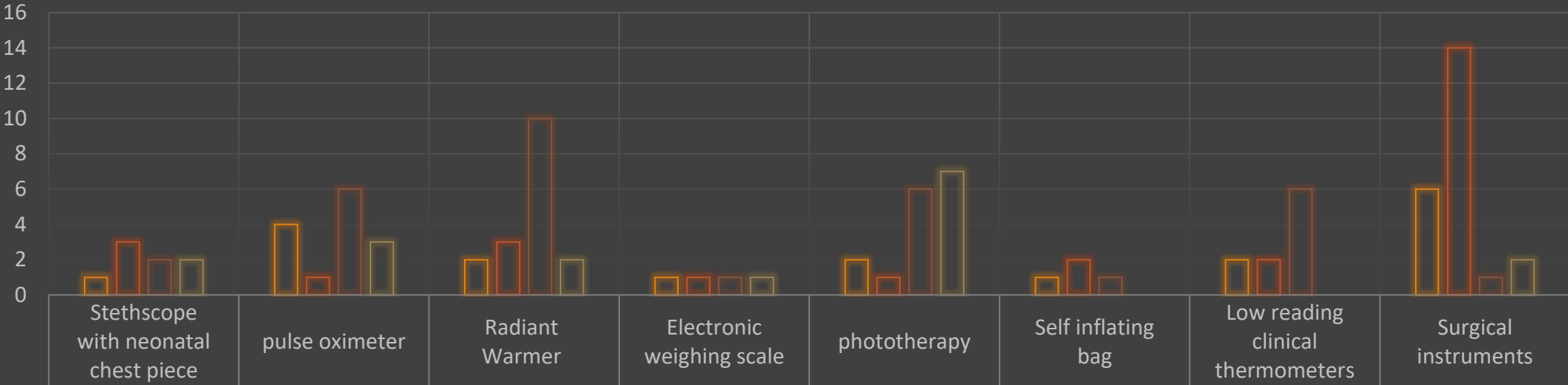
Sample Size – 4 hospitals from Raigarh Korba Bijapur and Narayanpur

Study Tool – A pre-designed, pre-tested structured FBNC Accreditation Tool questionnaire

Data Collection Technique- Primary data are collected with help of questionnaire, analysis is done with MS-Excel.

Equipments

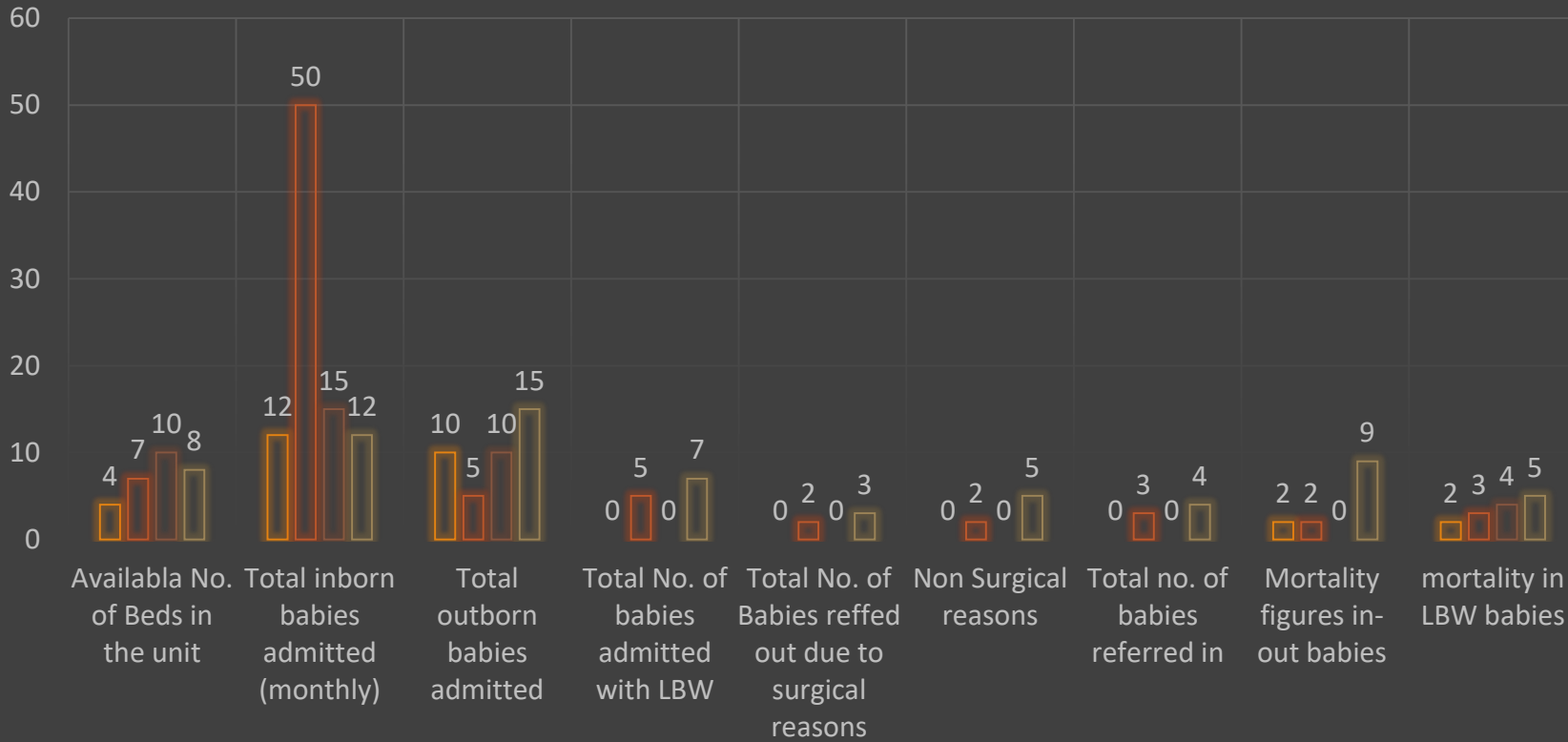
Dist. Hospital Raigarh Dist. Hospital Korba Dist. Hospital Narayanpur Dist. Hospital Bijapur



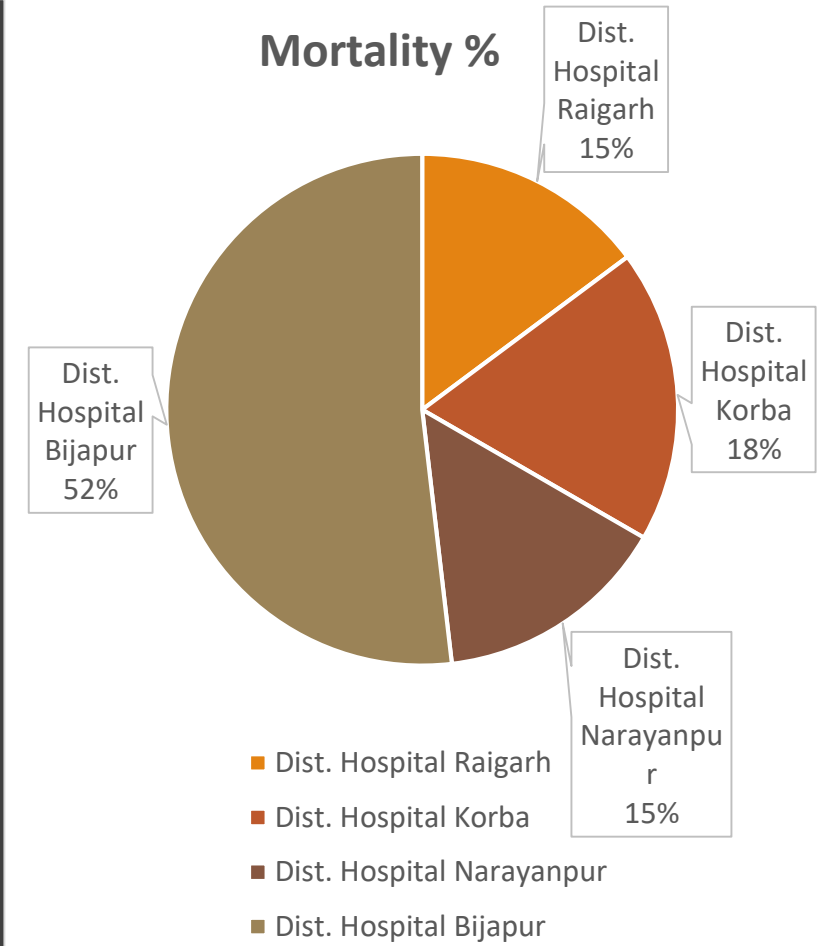
Dist. Hospital Raigarh	1	4	2	1	2	1	2	6
Dist. Hospital Korba	3	1	3	1	1	2	2	14
Dist. Hospital Narayanpur	2	6	10	1	6	1	6	1
Dist. Hospital Bijapur	2	3	2	1	7	0	0	2

Unit's Performance

■ Dist. Hospital Raigarh
 ■ Dist. Hospital Korba
 ■ Dist. Hospital Narayanpur
 ■ Dist. Hospital Bijapur



Mortality %



Human Resources

	Human Resource		Available			
S.no	Staff members	Post (as per FBNC Guidelines)	Dist. Hospital Raigarh	Dist. Hospital Korba	Dist hospital Narayan pur	Dist hospital Bijapur
1	Doctor	4	3	4	2	6
2	Staff Nurse	19/22	12	18	25	21
3	Technician	1	1	1	1	0
4	Data Entry Operator	1	1	1	1	1
5	Ward boy	4	4	3	2	2
6	Aaya Bai	3	2	2	2	2
7	Sweeper	2	1	1	1	2

Functional Areas:-

observations-

Available area for bed is not sufficient. Each bed required 100 sq.ft area as per FBNC guidelines

Separate areas for baby receiving is not designed in DH hospital of Korba.

Breast feeding area & KMC area are not designed separately.

Waiting area for relatives is not seen in district hospital Bijapur.

Seminar hall are not available in SNCU for training of nurses and aya bai.

Instruction for hand wash and sanitization is not seen in any hospitals.

Conclusion-

All the SNCUs need proper spaces for beds as the no. of bed is meeting the criteria but space for the same is not appropriate.

SNCU is designed for care of neonatal but these areas are not fully cleaned as absence of sweeper is seen in hospitals

Absence of technician is major issue in hospital as they are required in emergency.

Mortality figure of DH bijapur are more as compared to district hospitals and the reason could be above mentioned problems

The number of equipment in hospitals which are mandatory and essential are less because of it the mortality of neonatal cannot be reduced.

Conti.....

Proper training should be provided to staff nurses and ward boys So that any error can be reduced

Proper area for KMC, Breast feeding are not seen, it should be designed properly

Instruction for hand wash and sanitization are not seen in any hospital, it should be displayed in wall

References

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Thank you
