











Training Report

Three Days Residential Training Infant and Young Child Feeding (IYCF)

27th to 29th May 2024







State Centre of Excellence for Nutrition Interventions (SCoE4N)
All India Institute of Medical Sciences, Raipur, Chhattisgarh

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Introduction

Aim & Objective of the Training: To create a pool of master trainers in the state on Infant and Young Child Feeding (IYCF)

Resource Persons:

- 1. Dr Nilay Mozkar, Medical Officer (Pediatrican), District Hospital, Dhamtari
- 2. Dr Kunal Nayak, Medical Officer (Pediatrican), District Hospital, Raipur
- 3. Dr Tanushree Pitlawar, Physiotherapist
- 4. Ms Yamini Tiwari, State Child Nutrition & ECD Consultant
- 5. Dr Nagma Nigar Shah, State IYCF Coordinator, SCoE4N
- 6. Dr Geetu Harit, IMSAM Project Coordinator, SCoE4N
- 7. Dr Surabhi Nayak, Medical Officer, SCoE4N

Participants: (Attendance Sheet is attached in Annexure 1):

- 1. Staff Nurses from all districts of Chhattisgarh
- 2. Nursing officer from Department of Obstetrics & Gynecology, AIIMS Raipur

Agenda of the training is as follows: (Detailed day wise agenda is attached in Annexure 2):

- IYCF Guidelines
- Position and attachment during breastfeeding
- Feeding of low birth weight babies
- Kangaroo Mother Care (KMC)
- Counselling
- Diet audit & growth charts
- Hands on practice

The training was organized in collaboration with SCOE4N, Health Department & UNICEF.

Day:1

Date: 27th May 2024

Place: Hotel Sarovar Portico, Raipur

Time: 9:30 AM to 5:30 PM

1. Welcome address & overview of training program.

Day began with registration of participants and kit distribution. Dr. Nagma welcomed the participants and the master trainers. NFHS-5 data was discussed to present the overall picture of IYCF Practices which set the context of the training. Relation between the early initiation & exclusive breastfeeding and the reduction of death rates was discussed in detail. She explained the forms provided in the registration kit which included Pre, Post test forms, Diet Audit sheet & WHO's 10 steps of breastfeeding. A round of introduction was done by the trainers followed by the participants. Participants were asked to fill the pretest form.

Mr Mumtaz Ansari, State Maternal & Child Nutrition Consultant, UNICEF introduced Dr V R Bhagat, Deputy Director of Child Health Division, Directorate of Health Services Chhattisgarh. He addressed the participants and oriented on the Nation level program on IYCF; Mother's Absolute Affection (MAA). He emphasized on the importance of early initiation breastfeeding (EIBF) and asked staff nurses to take round of PNC ward as well. He urged the participants to dedicate their efforts in bringing positive change in regards to breastfeeding practices. After his presentation Mr Mumtaz continued the discussion on MAA program and elaborated its four major components. He shared about the planning of rewards & recognition of good performing districts in terms of EIBF. After that a group photo was taken.





2. Training Session (Theory)

Dr Nilay started the session on optimal feeding practices (recommendations on IYCF), advantages of colostrums and breastfeeding followed by session on production of breast milk and assessment & observation of breastfeeding sessions. He had active discussion with the participants on feeding at crying and demand feeding. He explained feeding cues as well. Importance of night feeding was discussed. Participants had a query whether mother can feed on lying down position which was clarified. This was further discussed in the further session of breastfeeding positions. Misconception on repeated cleaning of breast, aspiration of breast milk in lying down position & questions on burping was addressed.



Dr Tanushree took the session on significance of early stimulation and early stimulation in the initial days. She informed participants on High Risk Infants grading and identification of cases who need stimulation. She discussed on ways which can help pre mature baby in optimal growth & development like nesting, low light and sounds in the SNCU, Oro motor stimulation & non-nutritve suckling. She explained the importance of family involvement in Kangaroo Mother Care and child stimulation.

Followed by her session Dr Nilay discussed clustering of procedure while handling infants in the SNCU.

LUNCH

Post lunch Dr Kunal took the technical session on counseling. The process of counseling was explained through demonstrations. Demos were used to emphasize the points mentioned below in table no.1.

| Table No. 1: Steps of Counseling | | | | | | | |
|----------------------------------|----|--------------------------|----|----------------------|--|--|--|
| | • | Listening & learning | | Building confidence | | | |
| | | Non-verbal communication | | Accept neutrally | | | |
| | b. | Ask open ended questions | b. | Praise | | | |
| | c. | Gestures & responses | c. | Practice help | | | |
| | | Reflect back | d. | Relevant information | | | |
| | e. | Empathy | e. | Simple language | | | |
| | | Avoid judging words | | Suggestion | | | |

Dr Kunal used the questions "who, when, where and what" to explain about the entire counseling process and content with participation of volunteers from among the participants and trainers. Role play was done using story which revealed the correct way of counseling and how to identify issues with breastfeeding. Participants were asked to identify issues with the scenes of role play and suggest modifications based on their learning.

Ms Yamini made a presentation on Lactation Management Units (LMU). She shared the aims and objectives of LMUs, its requirements and planning. Video on expression of milk was shown. Followed by this session, breastfeeding positions, techniques, milk expression process was discussed by Dr Nagma. Participants were taught back massage and hand exercises that facilitate milk expression.





She then took session on various breast conditions and nipple related conditions. During this session participants shared their experiences of seeing patients with breast engorgement and flat nipple. Emphasis was made that exclusive breastfeeding with correct attachment will help in resolving many of these issues.

Discussion on various shape and size of breast and nipple was made with a blanket message that "Size does not matter" be it of the breast or nipple. Lastly Dr Nagma took the session on reasons for refusal of breast milk or crying of baby. Participants were informed about sufficiency of breast milk and how to counsel mother on the same. With this training for day 1 was completed.

End of Day 1

Day: 2

Date: 28th May 2024

Place: Hotel Sarovar Portico, Raipur

Time: 9:30 AM to 5:30 PM

1. Recap

Volunteers from among the participants were called to present recap of the previous day sessions. 3 of them came forward to do so. Trainers added further to the recap.



2. Training Session (Theory)

Following this discussion Dr Nilay delivered the session on feeding of low birth weight babies and twin babies. Cup feeding was demonstrated. Participants shared that they believed spoon feeding was a better option. Difference in both spoon and cup feeding was explained. Then session on KMC was conducted with demonstration using a doll.

Dr Surabhi then took session on complementary feeding. Different food groups were discussed in detail. Characteristics of complementary foods were discussed through "FATVAH"

F = Frequency

A = Amount

T = Thickness (consistency)

V = Variety (different kinds of foods)

A = Active/responsive feeding

H = Hygiene (FATVAH).

Participants were informed about the minimum diet diversity and minimum meal frequency essential during complementary feeding. Examples were discussed with participants. Responsive feeding was explained to the participants. Discussion on maternal nutrition was also made by Dr Kunal and Dr Geetu including the optimal gestational weight gain and family planning.

LUNCH

3. Practice Session

Post lunch participants were taken to District Hospital, Kalibadi, Raipur. Participants were divided into 3 groups. Each group was led by a resource person and hands on exercise were completed in SNCU ward, PNC ward and NRC. Following activities were performed and demonstrated

- 1. NRC
 - a. General functioning of NRC
- 2. PNC ward
 - a. General: Assessment & observation of breastfeeding
 - b. Post operative: Positioning of baby on breast in C-section mother, side lying position for breastfeeding
- 3. SNCU
 - a. Counseling of mother
 - b. Milk expression
 - c. KMC





End of day 2

Day: 3

Date: 29th May 2024

Place: Hotel Sarovar Portico, Raipur

Time: 9:30 AM to 4:30 PM

1. Practice Session

Participants gathered at the IYCF Skills lab at AIIMS Medical College building. Participants practiced breastfeeding positions with mannequins at the lab. Use of models and various equipments were demonstrated to the participants.





After the practice session, participants were taken to SMART Unit, where they got to interact with Dr Anil Kumar Goel, Programme Director (SCoE4N), Professor and Head, Department of Pediatrics. AIIMS Raipur, C.G. After the demonstrations were made on anthropometric measurements. In the kitchen of SMART Unit demo was made to show the right consistency of complementary feeds. Then participants were divided into groups and taken for clinical practice session.



These groups were taken to Pediatric OPD and immunization clinic. Participants filled the diet audit sheet in pair of two. Participants were taken to PNC ward to observe breastfeeding and get hands on practice of correct attachment, position and milk expression.

LUNCH

2. Training Session (Theory)

Post lunch Dr Geetu took session on growth charts and growth monitoring. A brief session on Infant Milk Substitute and breastfeeding during special conditions was taken. Discussion was done on WHO recommendation that HIV infected mothers should exclusively breastfeed their infants, unless replacement feeding is Acceptable, Feasible, Affordable, Sustainable and Safe (AFASS).

3. Post test and feedback

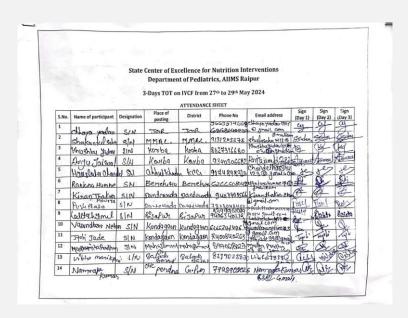
- Post test forms were submitted by all the participants. Oral feedback was taken.
- Vote of thanks was given and training was closed.

Way Forward:

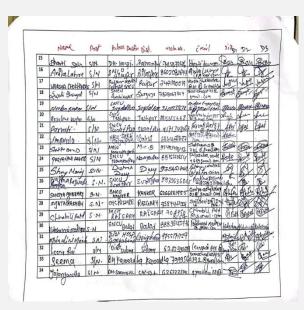
- Participants who are trained are expected to act as master trainers for their respective districts and conduct cascade training in the field.
- •Staff Nurses are expected to support mothers in early initiation of breast feeding and and enable families to continue exclusive breastfeeding.
- •In coming times Staff Nurses will play role establishment of Lactation Management Units at the health facilities.

Annexure

Annexure 1: Attendance Sheet







Annexure 2: Agenda of training

| Agenda Day 1 (27th May 2024) | | | | | | |
|--------------------------------|--|--|--|--|--|--|
| | | | | | | |
| 9:00 - 9:45 a.m. | Registration & Pre test | | | | | |
| 9:45 - 10:00 a.m. | Opening Remarks & Overview of training | Dr Anil Ku. Goel | | | | |
| 10:00 - 10:15 a.m. | Overview on MAA program | Mr Mumtaz | | | | |
| 10:15 - 11:00 a.m. | Session 1: Why Optimal Infant and Young Child Feeding Session 2: Production and Intake of Breast milk | Dr Nilay | | | | |
| 11:00 - 11:30 a.m. | Session 3: Assessing and Observing a Breastfeed | Dr Nilay | | | | |
| 11.30 – 12:15 p.m. | Significance of Early Stimulation and Early Stimulation in the Initial Days | Dr Tanushree Pitlawar | | | | |
| 12:15 - 1:00 p.m. | Early Stimulation at Public Health Facilities | Dr Nilay | | | | |
| 1:00 - 1:30 p.m. | Session 4: Listening and Learning Session 5: Building Confidence, Giving Support and Checking Understanding | Dr Kunal | | | | |
| 1:30-2:15 p.m. | Lunch | _ | | | | |
| 2:15 - 3:30 p.m. | Session 6: Introduction of Lactation Management Units Session 7: Positioning baby at the breast | Ms Yamini Dr Nagma | | | | |
| 3:30 - 3:45 p.m. Tea | | | | | | |
| 3:45 - 4:30 p.m. | Session 8: Breast conditions Session 9: Refusal to Breastfeed and Crying | Dr Nagma | | | | |
| 4:30 - 5:30 p.m. | Session 10: Expression Breast milk (Will be dealt in detail during clinical session) Session 11: Not Enough Milk | Dr Nagma | | | | |
| | Day 2 (28th May 2024) | | | | | |
| 9:30 - 10:00 a.m. | Recap of Day 1 | Participants | | | | |
| 10:00 - 10:30 a.m. | Session 12: Breastfeeding Low Birth Weight Babies and twins (KMC) | Dr Nilay | | | | |
| 10:30 - 11:30 a.m. | Session 13: Complementary Feeding - Foods to Fill the Nutrient Gap Session 14: Feeding Techniques and Strategies | Dr Geetu & Dr Surabhi | | | | |
| 11:30 - 12:00 | Session 15: Institutionalizing Skilled Infant and Young Child Feeding Counseling | Dr Kunal | | | | |
| 12:00 - 12:30 a.m. | Session 16: Nutrition of Lactating Mothers and their Health and Fertility Session 17: Breastfeeding by Working Mothers | Dr Kunal | | | | |
| 12:30 - 1:00 p.m. | Session 18: Breastfeeding and Special Circumstances (especially HIV and Infant feeding) | Dr Nagma | | | | |
| 1:00 - 1:30 p.m. | Lunch | | | | | |
| 1:30 - 5:30 p.m. | Hospital Visit (Clinical session SNCU visit; Breast milk expression, KMC, NRC visit) | Dr Nilay, Dr Kunal, Dr Geetu, Dr Nagma | | | | |

| Day 3 (29th May 2024) | | | | | | |
|------------------------|---|---------------|--|--|--|--|
| 9:30 - 1:30 p.m. | Hospital Visit (Session 19, 20, 25, 26, 27: Clinical session) | Dr Nilay, Dr | | | | |
| | | Kunal, | | | | |
| | | Dr Geetu, Dr | | | | |
| | | Nagma | | | | |
| 1:30 - 2:15 p.m. | Lunch | | | | | |
| 2:15 - 2:45 p.m. | Discussion on visit | Participants | | | | |
| 2:45 - 3:45 p.m. | Session 21: Protecting Breast milk from Commercial | Mr Vishnu | | | | |
| | Influence | | | | | |
| | Session 22: Growth Monitoring and Measuring | Dr Geetu & Dr | | | | |
| | Session 23: Growth Monitoring by growth Charts | Surabhi | | | | |
| | Session 24: Measuring Growth: Taking action Session | | | | | |
| 3:45 - 4:00 p.m. | Tea | | | | | |
| 4:00 - 4:30 p.m. | Planning & Way forward | SCOE4N | | | | |
| 4:30 - 5:00 p.m. | Post Test & Feedback | SCOE4N | | | | |

End of Report

Dr. Nagma Nigar Shah

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