

**Assessing the Knowledge level of Anganwadi workers on
Services given in “Integrated Nutrition Campaign
Centre” Under Integrated Child Development Scheme
,Kutchchh -Gujarat**

By- Dr Tarachand Rupale

Roll No. 1516

Health stream

Contents

1. Introduction
2. Rationale of study
3. Research Question
4. Objectives
5. Methodology
6. Analysis
7. Findings
8. Conclusion
9. Suggestions
10. References

Introduction

- To reduce the malnutrition in age group 6 months to 6 years of children having “Severe Acute Malnutrition” and “Medium Acute Malnutrition” ,**ICDS** department started the “ Intensive Nutrition Campaign centre” (INCC),under the mission “**BALAM SUKHAM**” on 14th August 2014 [1].
- Children having Severe Acute Malnutrition and Moderate Acute Malnutrition are given the nutritious food according to the guidelines .

contd.

- One centre accommodates ten child for one month. This centre is managed by 1 Anganwadi Worker, 1 Anganwadi Helper, 1 ASHA.
- Children for treatment have to remain in the centre for whole day, he/she can go to home in the night.
- Criteria for admission of children in the Intensive Nutrition Campaign Centre-
- Children having SAM, (Severe Acute malnutrition)
- Children having MAM, (Medium Acute Malnutrition).[2]

Rationale Of The Study

- Prevalence of malnutrition is high in India specially, Severe Acute Malnutrition is 19.7% , according to the report of ICDS Gujarat INCC proved to be essential to combat the malnutrition in the children [3].
- The present study was conducted to assess the knowledge of Anganwadi Workers regarding services given under this Campaign and to find out the gaps in their knowledge for better planning and implementation of the same at district level.

Research Question:

- What is the level of knowledge among the Anganwadi-workers, on services given in Intensive Nutrition Campaign Centre under ICDS, in Kutchchh district?

Objective:

- To assess the knowledge of Anganwadi Workers on services given under INCC program in district Kutchchh, Gujarat.

Methodology

- **Study Period:** March 2015- May 2015
- **Study Design:** Descriptive.
- **Study area:** The study has been conducted in Bhuj-1, Bhuj-2, Gandhidham-1, Naliya, Mandvi, Mundra, Anjar, Rapar, Bachau, and Nakhatrana blocks of Kutchchh district of Gujarat. 5 Anganwadi centres' were selected from each block.
- **Sampling :** Non Probability (Purposive).
- **Sample size(N) :** 50

Methodology, contd.

- **Study group** - AWWs of selected 50 AWCs.
- **Technique** - Face to face interviews.
- **Tool** - Interview schedule was used as a tool for data-collection.

Findings

Table-2 : Knowledge of Anganwadi Workers about Intensive Nutrition Campaign (N=50)

Particulars	No. of Anganwadi workers having Knowledge	No. of Anganwadi workers having Lack of Knowledge
Intensive Nutrition Campaign Centre.	50	0
Children of specific age group to be selected for the Campaign.	46	4
Which children to be selected .	45	5
No. of times the food given to children in the centre.	50	0
Menu of food given to children .	50	0

Table -3 .knowledge of Anganwadi Workers about Malnutrition
(N-50)

Particulars	No. of Anganwadi workers having Knowledge	No. of Anganwadi workers having Lack of Knowledge
Malnutrition	46	4
Reasons of Malnutrition	40	6
Types of Malnutrition	32	14
Methods to prevent Malnutrition	30	16

Table-4. Knowledge of Anganwadi workers about Measures to diagnose Malnutrition (N-50)

Particulars	No. of Anganwadi workers having Knowledge	No. of Anganwadi workers having Lack of Knowledge
Mid upper arm circumference (MUAC)	33	17
Appetite Test	30	20
Weight of a child having Severe Acute Malnutrition (SAM)	35	15
Weight of a child having Moderate Acute Malnutrition (MAM)	32	17

Table-5. Knowledge of Anganwadi workers about Growth Chart
(N-50)

Particulars	No. of Anganwadi workers having Knowledge	No. of Anganwadi workers having Lack of Knowledge
Color code for normal children	49	1
Color code for children having Severe Acute Malnutrition	45	5
Color code for children having Moderate Acute Malnutrition	43	7
Upward curve interpretation	37	13
Downward curve interpretation	36	14

Table-6. Knowledge of Anganwadi workers about Awareness on Breast feeding (N-50)

Particulars	No. of Anganwadi workers having Knowledge	No. of Anganwadi workers having Lack of Knowledge
Exact time of starting Breast feeding	38	12
Duration of breast feeding for normal children	35	5
Duration of breast feeding for children having Severe Acute Malnutrition	30	10
Duration of breast feeding for children having Moderate Acute Malnutrition	30	10

Result

- The study findings highlight that 100% of AWWs having the knowledge regarding ,what is the Intensive Nutrition campaign .
- In terms of knowledge regarding ,children having severe disease are to be enrolled or not, 20% of AWWs don't have proper idea and knowledge.
- 31% of AWWs don't know about the types of Malnutrition.
- Depending on response to question regarding the Methods of prevention of Malnutrition 35 % of AWWs do not know .

Result contd.

- 34% of Anganwadi workers don't know how to diagnose malnutrition by Mid Upper Arm Circumference method and only 70 % know ,detection of malnutrition by Appetite test.
- Around 74% of AWWs know the interpretation of Growth chart in terms of upward and downward curves.
- 24% of AWWs don't know about the exact timing of starting Breast Feeding and 20 % don't know that up to what age ,the children having the Severe Acute Malnutrition and Moderate Acute Malnutrition should be Breast fed.

Suggestions

- Requirement of refresher training of AWWs regarding the selection of children in the campaign.
- Proper training about Appetite test ,Mid Upper Arm Circumference and interpretation of Growth chart at Block level of AWW required.

This can be done by providing training hierchically,ie, Training of supervisors, block co-ordinators and CDPOs at block level who can further train the AWWs.

Suggestions contd.

- Training and Counselling of Anganwadi Worker regarding the Malnutrition ,its causes and prevention of Malnutrition .
- Counselling of AAWs regarding the importance of “Breast feeding” so that they can aware the community about the same.

Refferences

- [1] ICDS GUIDELINES , ,GUJARAT
- [2] ICDS GUIDELINES, ,GUJARAT
- [3] ICDS REORT 2014 ,GUJARAT

THANK YOU