

DISSERTATION

Assessing the Knowledge level of Anganwadi Workers on Growth Monitoring and Counselling services under Integrated Child Development Scheme (ICDS) in 4 Blocks at Vadodara district of Gujarat

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Introduction

- Growth monitoring consists of routine measurements to detect abnormal growth, combined with some action when this is detected.
- It aims to improve nutrition, reduce the risk of death or inadequate nutrition, help educate carers, and lead to early referral for conditions manifest by growth disorders.
- As Anganwadi Worker invest time in this activity, evidence for its benefits and harms was sorted out.
- Growth monitoring is one of the important function of AWWs, for which they should be sufficiently trained.

Research Question

What is the current level of knowledge among the Anganwadi workers on Growth monitoring of children enrolled at Anganwadi centre and counselling of beneficiaries in Vadodara district ?

Objectives

1. To deduce an objective standard for knowledge level of Anganwadi workers working under ICDS from ICDS mission document & Review of Literature
2. To find the gap between the knowledge expected of an anganwadi worker to the knowledge he actually has.
3. To recommend the measures to bridge the gap

Methodology

- Study Period- 9 March 2015- 5 may 2015
- Study Design- Descriptive cross sectional study
- Study Area- Wagodiya, Padra-1, Karjana, Savli-1 blocks
- Study Participants- Anganwadi Workers

Sampling

Sample for the present study comprises of 120 Anganwadi workers belonging to four Blocks of Vadodara Districts.

I have selected 30 AWWs Randomly from Wagodiya, 25 AWWs from Padra-1 and 35 AWWs from Karjana and 30 AWWs from Savli-1.

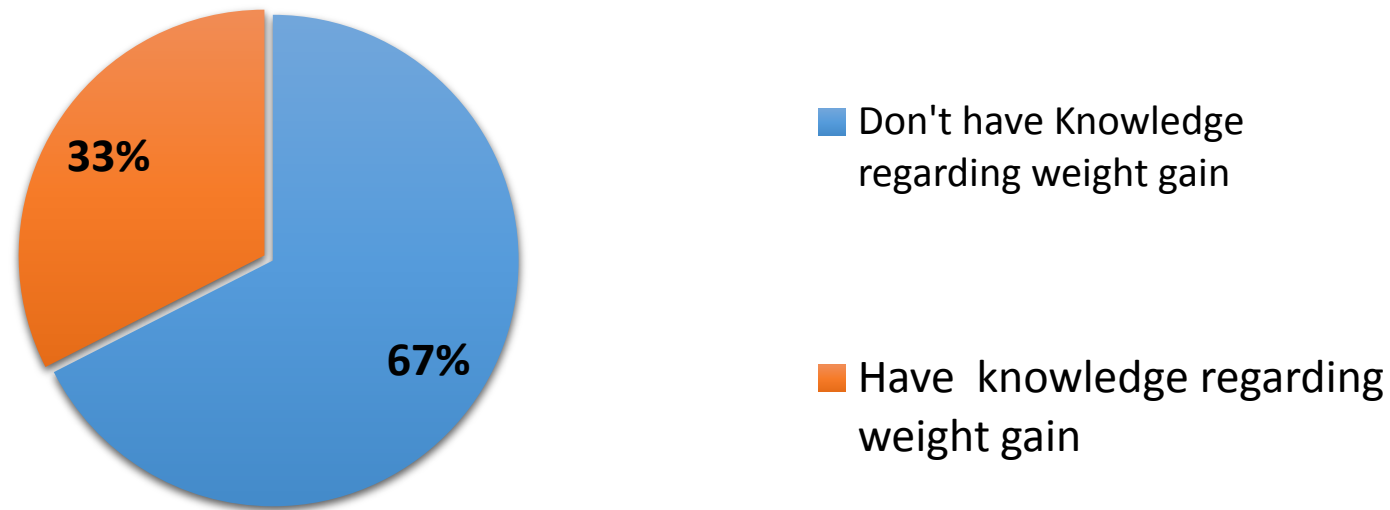
Data Collection and Analysis

- Data Collection Technique-Personal Interview
- Data Collection Tool- Interview Schedule
- Data Analysis Plan- Through MS Excel/SPSS for further analysis.

Results

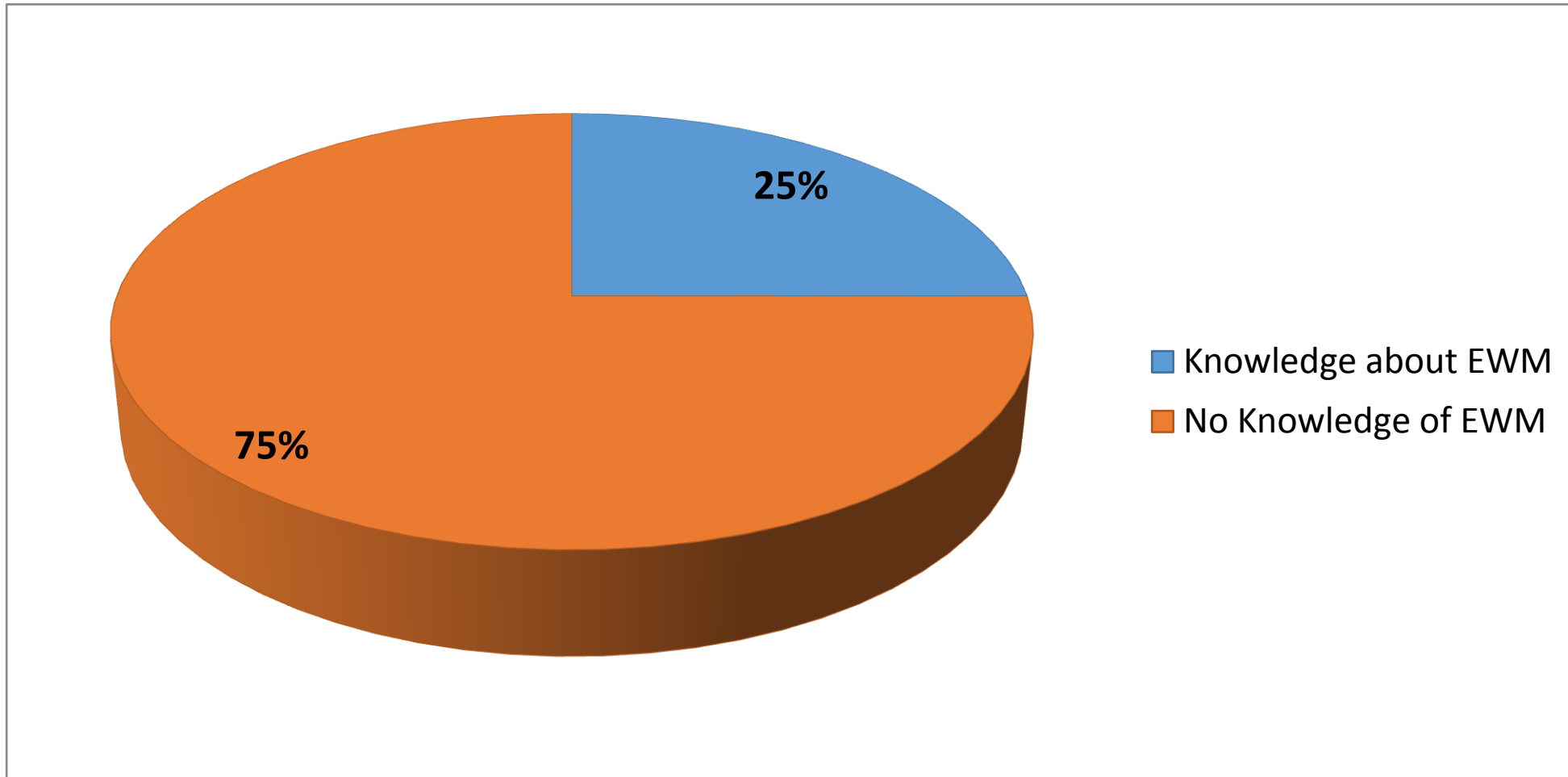
All Anganwadi Worker Know the services provided under ICDS at AWC (N=120).

Knowledge of AWW regarding the weight gain by children per month (N=120).

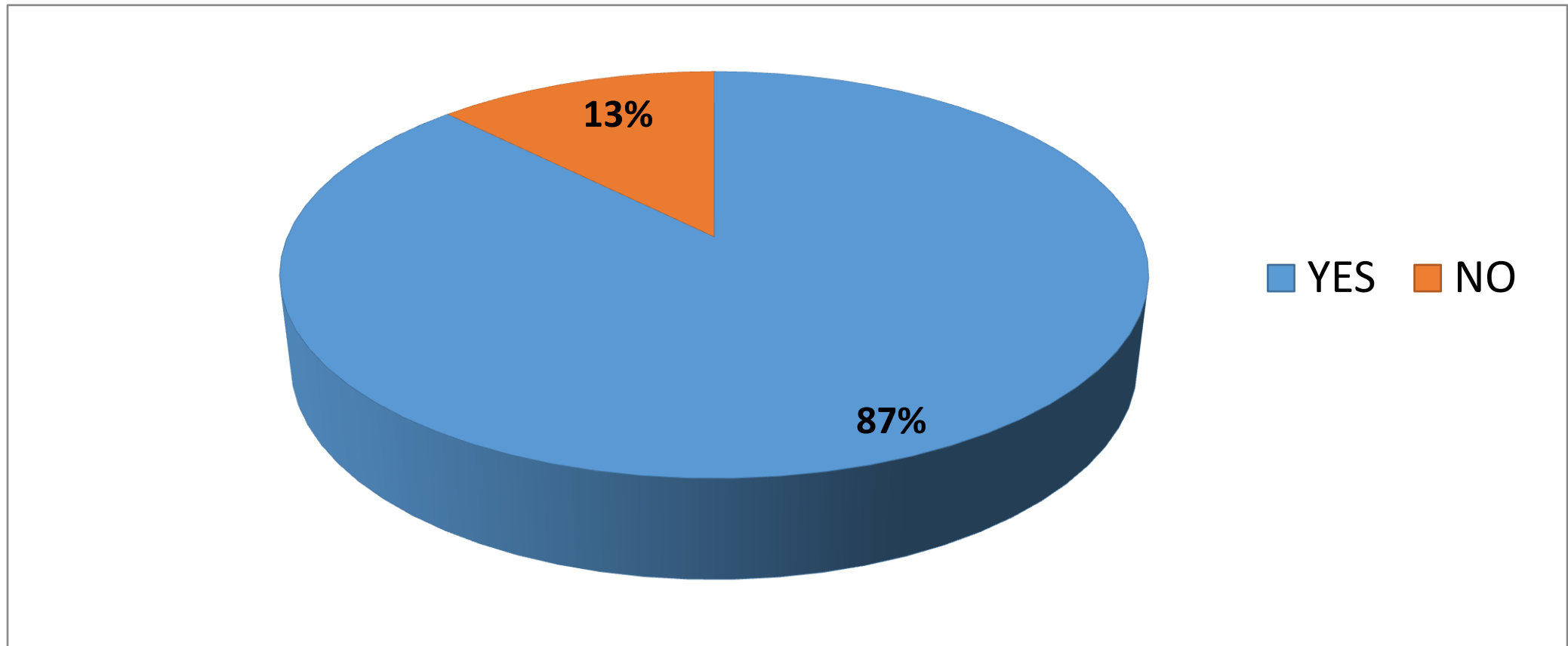


- AWW who had less than 3 years of experience had any knowledge about weight gain of children at specific age. Only 2 out of 27 AWW who had 5 years of experience had some knowledge about weight gain of children.
- Most AWW with more than five years of experience (37 out of 72 AWW) reported having knowledge about weight gain of children. Thus only about 33 % AWW had some knowledge about weight gain of children at specific age.
- All the AWCs being visited had salter scale with marking of 100 grams and all the AWWs had proper knowledge of weighing the children.

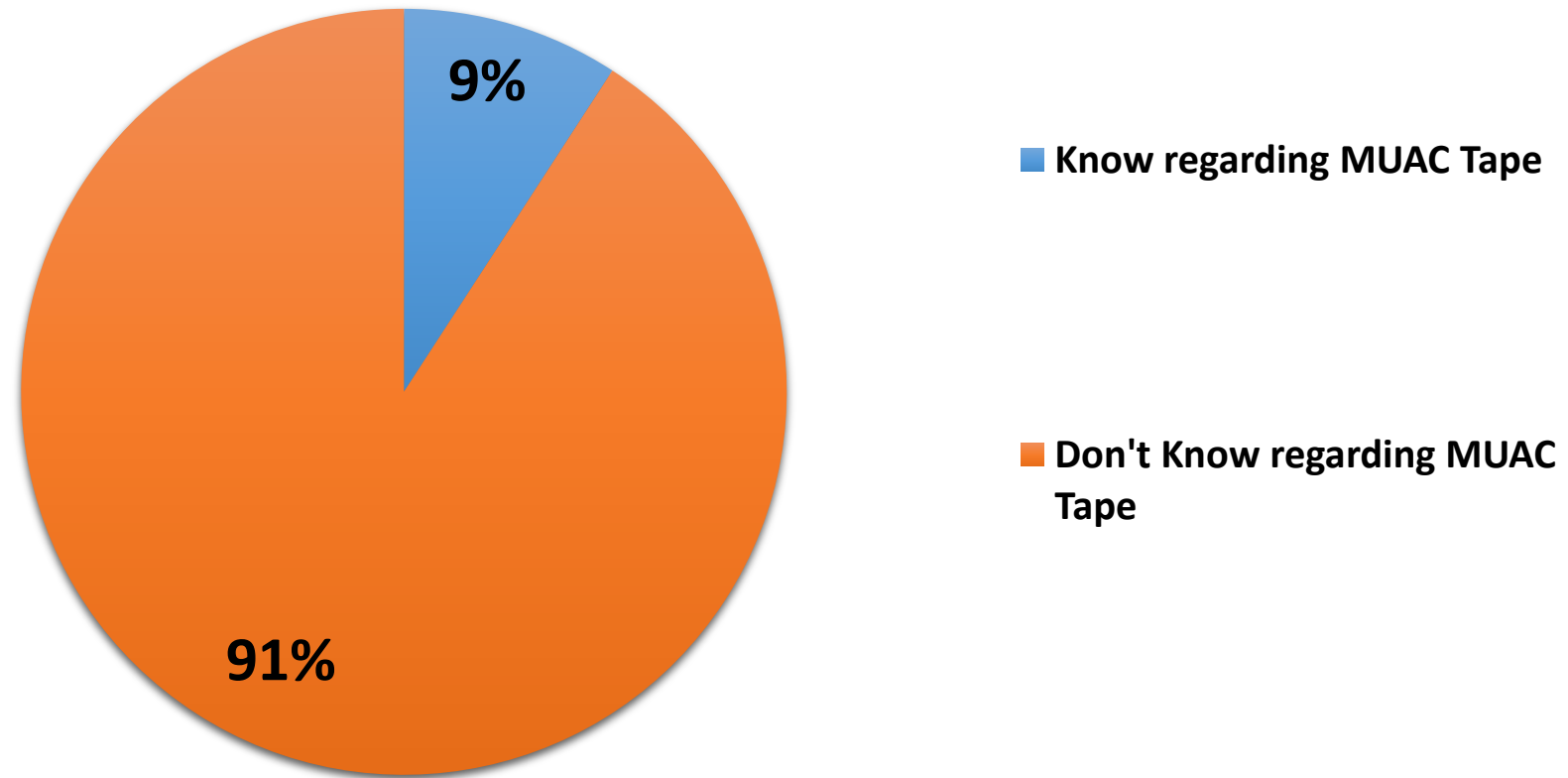
- Knowledge of AWW regarding the Electronic Weighing Machine (N=120).



- ***Knowledge of AWW about the WHO Growth Charts and Interpretation of Growth Charts (N=120).***



- **Knowledge of AWW regarding MID-UPPER ARM CIRCUMFERENCE (MUAC) Measuring tape (N=120).**



Conclusion

- The study findings highlight that 100% of AWWs having the knowledge regarding the services provided under ICDS at AWC.
- In terms of knowledge regarding the weight gain by the children 67% of AWWs don't have proper idea and knowledge.
- 75% of AWW don't know how to use the electronic weighing machine to weight the children even after the training.
- Depending on response to question regarding the growth chart 87 % of AWW know the importance of growth chart and the colour difference provided in growth chart and for what colour code stand for.
- Almost 91% of Anganwadi worker don't know how to use the MUAC tape.

Recommendations

- Requirement of refresher training of all AWWs regarding the ideal weight gain of children at specific age.
- Proper re-orientation of Electronic Weighing Machine at SEJA level or Block level of AWW required. This can be done by providing training to supervisors, block co-ordinators and CDPOs at block level who can further train the AWWs.
- Training and Counselling of Anganwadi Worker regarding the importance of MUAC Tape and using of tape along with Weighing the child to identify the malnourished child.

References

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THANK YOU

