

ERADICATING MALNUTRITION IN CHILDREN UNDER FIVE YEARS IN MUSANDA SUB – LOCATION, MUMIAS WEST SUB-COUNTY, KAKAMEGA COUNTY.

AUTHOR: SUSAN KARUSA KISANYA.

COMMUNITY HEALTH OFFICER KAKAMEGA COUNTY.

BACKGROUND.

- According to Kenya Health information system, Kakamega County stunting Growth stands at 11.5% (28,652 children) underweight, at 6.4% (15,945) wasting at 1.5%. Estimated cases of low birth weight is at 3737.
- In Mumias West, Faltering growth of under 5 children in 2022 and 2023 was 283 and 694 respectively. Musanda dispensary represents 44.2% of this. The dispensary has estimated under 5years population of 852 and under one year of 212. Children with faltering growth in 2022 and 2023 in Musanda dispensary was 5 and 307 respectively. This represents 44.4% of Mumias West Sub-County children affected.

OBJECTIVE.

- To strengthen behavior change on maternal infant and young child feeding practices in Musanda.
- Overall aim of the study was to identify children below the age of 5 years who were malnourished and possible interventions put in place.
- Verbal autopsy done was to know possible cause of death in children below the age of 5 years.

METHODOLOGY.

- Training of Community Health Promoters and Health Care workers on implementation of Baby Friendly Community Initiative., Establishing active mother to mother support groups.
- Positive deviance followed by hearth sessions and house hold follow up
- Establishment of multispectral nutrition stakeholder’s forum. Community nutrition open days outreaches, Nutritional assessment, growth and monitoring using child welfare booklet

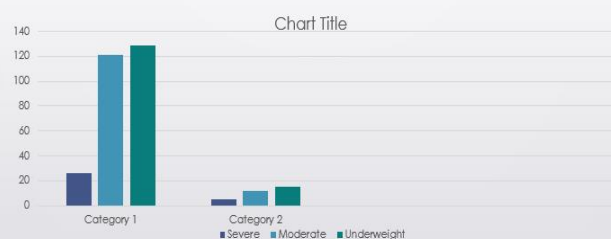
RESULTS.

- Total under 5 screened were 506
- Children with moderate Malnutrition was 122. (24.1%).
- Children with severe malnutrition was 25. (4.9%).
- Total underweight was 169. (33.3%).
- Between April 2023 to date; a total of 107 children (87.7%) with moderate malnutrition improved. 23 severe cases improved (92%) Total underweight improved were 150 (88.8%)

KHIS DATA RESULTS FOR MUSANDA DISPENSARY 2022/2023

YEAR	Faltering growth	MUAC Yellow	MUAC Red	Marasmus	Stunted 6-23	Stunted 24-59
2022	5	8	0	0	0	1
2023	307	74	20	13	24	25
YEAR	Severe underweig ht 6-23	Severe underweig ht 24-59	Underweig ht 0-6	Underweig ht 6-23	Underweig ht 24-29	
2022	1	0	0	12	3	
2023	4	6	12	30	48	

OUTCOME RESULTS



CONCLUSION.

- Decrease in malnutrition cases compared to April 2023.
- Reduction in child mortality in 2023 compared to 2022. Under 5 mortality in 2022 was 21. In Musanda compared to 2023 where mortality cases were 5 (January to March) no under 5 mortality since April 2023 to date.