

Author: OUEDRAOGO Ousmane

Co Author: COMPAORE W R Ella, NIKIEMA Phillipe Augustin, TRAORE Alfred
(University of Ouagadougou)

Topic: Malnutrition treatment and prevention

Title: Evaluation of effectiveness of cost free malnutrition programme for children in Burkina Faso health district.

Presentation Type: Poster

Background: At Burkina Faso, since 2012, community management of acute malnutrition (CMAM) has been developed to reach the maximum number of children suffering from acute malnutrition and ensure a good effectiveness treatment.

Objective: The aim of this study was to evaluate the effectiveness of this therapeutic approach.

Methods: 833 new acute malnourished children, aged 6-59 months were detected in screening campaign with or without medical complications and treated in different health centres. All acute malnourished children received medical and nutritional treatments in health centre or hospital according to outpatient or inpatient.

Data relating to therapeutic management, clinical profile of malnourished children, barriers and boosters of the management of the child's malnutrition were collected.

Results: Marasmus was observed in 98% of severe acute malnourished children. Among the cases referred with complications to hospital (n=8), there were 87.5% with bilateral oedema, 50% suffered from moderate anemia, 25% with severe anemia and 87.5% with malaria, diarrhea and vomiting. The financial barrier limits parents' recourse to care. Distance and transport to the health Centre was a significant barrier for uptake and continuity of care for participants. Efficiency of the cost free programme is affected by the negative impact of recurrent breaks in nutrient inputs due to supply problems. The performance indicators of outpatient treatment were above than Sphere standards but for inpatient it is below.

Conclusion: CMAM approach included several severe acute malnourished children but the community participation stayed a challenge.