WASH* in Nut

Impact of Water, Sanitation & Hygiene Interventions on the Nutritional and Health Status of Children under 5 years old and mothers

*S Water, Sanitation and Hygiene

Some of the key questions still to be explored

Does a safe WASH environment at household- or community-level have an impact upon the prevalence of Global Acute Undernutrition?

Can a short-term WASH intervention have an effect upon Global Acute Undernutrition incidence rates?

Does a WASH intervention, implemented during the treatment of a Severe Acute Malnourished (SAM) child, improve effectiveness and efficiency of the treatment (time and cost reduction) and reduce risks of post-recovery relapse?

What is the impact of the "quantity of water available at household level" indicator on undernutrition?

Overview on under 5's health status (WHO 2014)

• Globally, there are 1.7 billion cases of diarrhoeal disease yearly, resulting in 628,500 (9.5%) of children deaths

• 60% of deaths from diarrhoea are caused by unsafe water, pathogen-contaminated foods, lack of sanitation, and poor hygiene practices, and are therefore preventable

• Annually, there are 476,192 (7%) children deaths reported due to Malaria

• 996,520 (15%) children are reported to die from Pneumonia and other Acute Respiratory Infections (ARI) annually.

• Undernutrition accounts for 3.1 million (47%) children deaths

• 161 million (24.5%) children are affected by stunting (low height for age)

• 51 million (8%) by wasting (low weight for height)

• 99 million (15%) by underweight (low weight for age)

Impact of WASH activities on under 5 diarrhoeal morbidity (Fewtrell, 2005)

1. Ensure geographical integration of WASH and Nutrition projects by focusing WASH projects in high GAM* prevalence areas

2. Prioritize the ‘mother & child’ dyad

3. Ensure a WASH minimum package (kit, messages & standards) both at health and nutrition centres and home

4. Place emphasis on behavior change

5. Ensure that both coordination bodies (WASH and Nutrition) include representation from the other sector

* Global Acute Malnutrition

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Impact of WASH activities on under 5 diarrhoeal morbidity (Fewtrell, 2005)