

Rapid assessment of nutritional status among under five years of age in Jabal Awlia district; Khartoum state – 2018

Marwa Mamoon Ahmed Fadl Allah¹, Dr. Iman A.Bashier²

Department of Community medicine, Faculty of medicine, University of Khartoum, Sudan

Abstract

Malnutrition is a big issue in the developing countries, which represents one of the major causes of mortality among children. Around 45% of deaths among children under five years of age are linked to under nutrition. This study aims to assess nutritional status in under 5 years children in Jabal Awlia locality in Khartoum state , and to determine the associated factors , using MUAC measurement as growth indicator for wasting and under nutrition in general .

MAL nutrition refers to deficiencies, excesses, or imbalance in a person`s intake of energy and/or nutrients. Malnutrition so addresses three broad various forms of conditions; undernutrition, micronutrients -related malnutrition & overweight. Undernutrition include four forms these are : wasting , stunting , underweight , and deficiencies in vitamins and minerals. Wasting is low weight for hight. It is useful because it usually indicates recent and

Severe weight loss because the person hasn't had enough food to eat and /or they have had infectious disease such as diarrhoea which results in weight loss. Stunting is low height for age resulting from chronic or recurrent under nutrition . The factors associated with stunting includes; poor socioeconomic conditions, poor maternal nutrition, inappropriate child feeding, recurrent illnesses. Stunting generally affects children physical and cognitive potential. Children with normal MUAC measurement (>125mm) were found to be 89.1% of the total sample , and which was associated with other finding in the factors that can attribute to the nutritional status . Individual well-being in the form of nutritional status can be directly observed as opposed to house hold well-being. This study can provides information that can be used for nutritional surveillance and programs that would target and focus more on populations most affected. Around 45% of deaths among children under five years of age are linked to under nutrition . These mostly occur in low and middle- income countries. In Sudan over one in 11 three children under five are short for their age

(stunted) , and more than one in six are thin for their height (wasted) [3] . According to the ministry of health, some 2.2 million children suffer from wasting annually, out of which over 573000 suffer from severe acute malnutrition (SAM).



Biography:

Marwa Mamoon Ahmed Fadl Allah is currently working at Department of Community medicine, Faculty of medicine, University of Khartoum, Sudan

[2nd International Pediatrics, Infectious Diseases and Healthcare Conference, October 26-27, 2020 Webinar](#)

Abstract Citation:

Marwa Mamoon Ahmed Fadl Allah, Rapid assessment of nutritional status among under five years of age in Jabal Awlia district; Khartoum state – 2018, Pediatrics Conference 2020, 2nd International Pediatrics, Infectious Diseases and Healthcare Conference; Webinar, October 26-27, 2020 (<https://pediatrics.infectiousconferences.com/>)