

World Congress on **Public Health and Nutrition**

March 10-12, 2016 Madrid, Spain

Anthropometric measurements and nutritional status in children admitted to neurology, endocrine and oncology service in children's hospital

Cagdas Salih Meric, Nurcan Yabanci Ayhan, Nida Tokac Er and Haci Omer Yilmaz
Ankara University, Turkey

Nutritional status is an important factor in children diseases and treatment. The aim of this study is to evaluate nutritional status in children admitted to neurology, endocrine and oncology service in children's hospital. The study included 80 children who were hospitalized, between the dates of February and November 2014, at Ankara University Faculty of Medicine Cebeci Children Hospital. Children's height, weight, triceps skinfold thickness (TST), biceps skinfold thickness (BST), waist circumference, arm span, calf circumference, mid-upper arm circumference (MUAC) were measured and applying nutritional status were evaluated. Mean of children's and their mother's age are respectively 9.2 ± 4.5 , 35.0 ± 5.7 years. In the study, 80 children from the 23.8% (n=19) neurology, 23.8% (n=19) in the endocrine and 52.5% (n=42) were diagnosed with oncological diseases. Epilepsy (8.8%), diabetes (8.8%) and chronic myeloid leukemia (CML) (37.5%) are respectively the most common neurological, endocrine and oncological diseases. Body weight, height, BMI and TST of children under 5 percentile, respectively are 25.0%, 20.0%, 26.2% and 11.2%. Despite being different body weight, height, BMI percentile and TST value of the distribution based on neurological, endocrine, and oncology diagnosis of children, these differences were statistically significant only in TST ($p < 0.05$). When we look at the children's appetite; 56.2% (n=45) were good, 28.8% (n=23) were poor and 15.0% (n=12) seems to be no appetite. The knowledge about nutrition of children and their families, arranging children's eating habits with chronic illnesses must be strictly followed. More detailed studies should be performed on hospitalized children and nutrition issues.

Biography

Cagdas Salih Meric has completed his Bachelor of Nutrition and Dietetics from Erciyes University. He is pursuing his Master's degree from Department of Nutrition and Dietetics at Ankara University. Also, he is a Research Assistant at the same university.

csmericc@gmail.com

Notes: