67 - NUTRITIONAL STATE OF CHILDREN AND ADOLESCENT OF THE MUNICIPAL DISTRICT OF PRESIDENT FIGUEIREDO - AMAZONAS

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INTRODUCTION

To evaluate the nutritional state consists of the use of diagnosis procedures that you/they make possible to need the magnitude, the behavior and the determinant of the nutritional offences. That process of evaluation of the nutritional state in the populations allows the identification of risk groups, what is fundamental for the identification of the causal factors and study of the associations between the nutritional condition and the morbi-mortality and, consequently, on the growth and infantile development (MONTEIRO, 1995 et all; RIBAS, 1999 et all).

This way this study has the following objectives: the) to Determine the children's nutritional profile and adolescents from seven to 18 years of age, of both sexes, classifying them as for the incidence of eutrophic, undernourished chronic, undernourished current, overweight, obese and big obese; b) to Identify extreme cases of malnutrition and the participants' of the study obesity

METHODOLOGY

The accomplished study is of the type exploratório,onde took place a field research, tends as application instrument a spreadsheet, as described by Ferreira (2005). The variables used in this study were: stature, corporal weight, date of birth, sex and it dates from the evaluation. The data of this study were obtained in random way of a sample composed by 1261 boys and 1282 girls, belonging to six schools of the headquarters of the municipal district of President Figueiredo/Estado of Amazon, that assisted the characteristics of the study, totaling 2543 participants.

The data were submitted to the program of Evaluation and Nutritional State in Pediatrics (PED). the evaluation of the nutritional state was accomplished by the criteria, of peso/estatura and estatura/idade, being used as reference pattern the model of National Center it goes Health and Statistics (NCHS) and the classification of Waterlow. The data were treated estatisticamente through the computation program " SPSS - 14.0", where the descriptive analysis was used to demonstrate the values of average, medium, divert pattern, value mínimo/máximo and percentis (P5 P99).
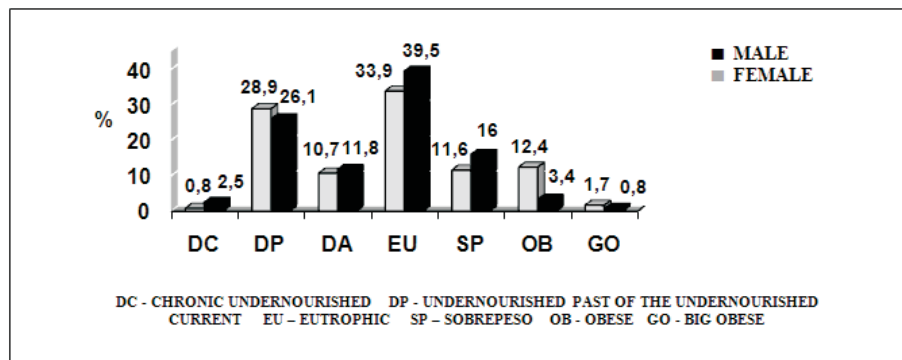
RESULT AND DISCUSSION

With base in the information of the values found in this research, we compared these results with the one of the studies of National Center it goes Health Statistics (NCHS) and with the study of the Program of family budget (POF).

Regarding the adolescents' of the 14 year-old age group nutritional state (graph 1), it was observed that the eutrophic ones act (39,5%) for the boys and (33,9%) for the girls. As for the malnutrition, the feminine sex, presents prevalence for past malnutrition (28,9%), following by current malnutrition (10,7%) and chronic malnutrition (0,8%).

For the boys, prevalence for past malnutrition (26,1%), current malnutrition (11,8%) and undernourished chronic (2,5%). in relation to the overweight, the boys present (16%), obesity (3,4%) and great obesity (0,8%), already for the girls, obesity (12,4%), following by overweight (11,6%) and great obesity (1,7%).

Graph 1: Adolescents' nutritional state, of both sexes, in the age group of fourteen years of the   Municipal district of Presidente Figueiredo (PF).

DC - CHRONIC UNDERNOURISHED   DP - UNDERNOURISHED PAST OF THE UNDERNOURISHED CURRENT   EU – EUTROPHIC   SP – SOBREPESO   OB - OBESE   GO - BIG OBESE
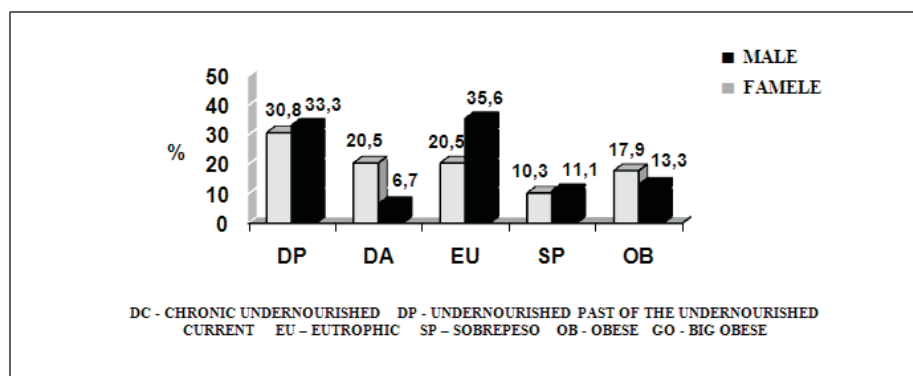
In relation to the 17 year-old age group (graph 2), it is observed that the eutrophic ones present a significant decrease for both sexes, mainly in relation to the girls (20,5%) and (35,6%) for the boys. In this age group for the girls, it happens prevalence for past malnutrition (30,8%), following by the current malnutrition (20,5%).

For the boys it also happens prevalence for past malnutrition (33,3%), following by current malnutrition (6,7%). In relationship obesity (17,9%) and overweight (10,3%) for the girls. For the boys, obesity (13,3%) and overweight (11,1%).

They were not found cases of chronic malnutrition and of great obesity in the appraised of this age group.

Graph 2: Adolescents' nutritional state, of both sexes, in the age group of seventeen years of the Municipal district of Presidente Figueiredo.

With base in the information of the presented values, he/she identified that in all of the strips of age, cases of malnutrition and excess of weight school entreos exist. We detached that those problems went increasing with the progress of the age, where the past malnutrition was predominânte in all of the age groups and for both sexes.

As for the eutrophic ones, in spite of these they be presented in high number, if we add the numbers of scholars with desnutrção or with weight excess, that number ends up being superior that the eutrophic ones in almost all of the age groups.

The values found in that healthy study considered preoccupying and they confirm the evidences presented in the national risings, that you/they have been demonstrating an increase of the prevalence of weight excess, and mainly of malnutrition in children and Brazilian adolescents.

CONCLUSION

The analysis of the extracted information of this study appeared for values of nutritional state where, in all of the age groups the children and adolescents meet so much with nutritional deficit (malnutrition), as with some problem of weight excess, mainly in the ages of 11, 14 and 17 years, with prevalence for past malnutrition.

The girls presented: larger index of undernourished in relation to the boys, larger corporal weight that the boys and lower stature than the boys.

The results found in our study contradict to the of Orçamento Familiar/IBGE's Program that appears for a picture of growing obesity in every country. In this sense, we detached that in the municipal district of President Figueiredo/Amazonas happens prevalence for the scholars' malnutrition.

The foregoing data allow to infer us that the most serious consequences for the malnutrition picture in that if encomtram the scholars of this study will be: infant mortality, low stature, the low weight, inadequacy of the immunological system, besides consequences that can be irreversible as in the scholars' motor and cognitive development.

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NUTRITIONAL STATE OF CHILDREN AND ADOLESCENT OF THE MUNICIPAL DISTRICT OF PRESIDENT FIGUEIREDO - AMAZONAS

ABSTRACT

The objective of the study was of analyzing the children's nutritional state and adolescents from seven to 18 years of age, of both sexes, visitors of the schools of the public net of the headquarters of the municipal district of President Figueiredo - AM. The sample was composed by 1261 boys and 1282 girls selected aleatoriamente, belonging to six schools of the headquarters of the municipal district. The variables weight, stature and date of birth and sex were analyzed. The data were submitted to the program of Evaluation and Nutritional State in Pediatrics (PED). the evaluation of the nutritional state was accomplished by the criteria, of peso/estatura and estatura/idade, being used as reference pattern the model of National Center it goes Health and Statistics (NCHS) and the classification of Waterlow. The results of the present study appeared for the values of the nutritional state, in that the children and adolescents, in all of the age groups, meet so much with nutritional deficit (prevalence for malnutrition), as well as some problem related to the weight excess. In prominence for the ages of 11, 14 and 17 years, with prevalence for past malnutrition. They were observed, for the variables of corporal weight and stature, smaller values to the study of NCHS and the Program of Family Budget (POF).

KEY-WORDS: Nutritional state; children's evaluation and adolescents.

ÉTAT ALIMENTAIRE D'ENFANTS ET ADOLESCENT DU DISTRICT MUNICIPAL DE PRESIDENTE FIGUEIREDO - AMAZONAS

RÉSUMÉ

L'objectif de l'étude était d'analyser l'état alimentaire des enfants et adolescents de sept à 18 années d'âge, des deux sexes, visiteurs des écoles du filet public des quartiers généraux du district municipal de Président Figueiredo - EST. L'échantillon a été composé par 1261 garçons et 1282 filles a sélectionné aleatoriamente, en appartenant à six écoles des quartiers généraux du district municipal. Le poids des variables, taille et date de naissance et sexe ont été analysés. Les données ont été soumises au programme d'Évaluation et État Alimentaire dans la Pédiatrie (PED). l'évaluation de l'état alimentaire a été accomplie par les critères, de peso/estatura et estatura/idade, être utilisé comme modèle de la référence le modèle de Centre National il va Santé et Statistique (NCHS) et la classification de Waterlow. Les résultats de l'étude présente ont paru pour les valeurs de l'état alimentaire, dans que les enfants et adolescents, dans toutes les tranches d'âge, rencontrent si beaucoup avec déficit alimentaire (prédominance pour malnutrition), aussi bien que quelque problème a été en rapport avec l'excès du poids. Dans proéminence pour les âges de 11, 14 et 17 années, avec prédominance pour malnutrition passée. Ils ont été observés, pour les variables de poids corporel et taille, plus petites valeurs à l'étude de NCHS et le Programme de Budget de la Famille (POF).

MOT CLEF: État alimentaire; l'évaluation d'enfants et adolescents.

EL ESTADO NUTRITIVO DE NIÑOS Y ADOLESCENTE DEL DISTRITO MUNICIPAL DE PRESIDENTE FIGUEIREDO - AMAZONAS

RESUMEN

El objetivo del estudio era de analizar al estado nutritivo de los niños y adolescentes de siete a 18 años de edad, de ambos sexos, los visitantes de las escuelas del precio neto público de la oficina principal del distrito municipal de Presidente Figueiredo - AM. La muestra estaba compuesta por 1261 muchachos y 1282 muchachas que seleccionó el aleatoriamente, mientras perteneciendo a seis escuelas de la oficina principal del distrito municipal. Se analizaron el peso de las variables, estatura y fecha de nacimiento y sexo. Los datos se sometieron al programa de Evaluación y el Estado Nutritivo en la Pediatría (PED). la evaluación del estado nutritivo era cumplida por el criterio, de peso/estatura y estatura/idade, usándose como el modelo de la referencia el modelo de Centro Nacional él va Salud y Estadística (NCHS) y la clasificación de Waterlow. Los resultados del estudio presente aparecían para los valores del estado nutritivo, en que los niños y adolescentes, en todos los grupo etario, se encuentran tanto con el déficit nutritivo (el predominio para la desnutrición), así como algún problema relacionó al exceso de peso. En la prominencia para las edades de 11, 14 y 17 años, con el predominio para la desnutrición del pasado. Ellos fueron observados, para las variables de peso corpóreo y estatura, valores más pequeños al estudio de NCHS y el Programa de Presupuesto Familiar (POF).

PALABRA-CLAVES: El estado nutritivo; la evaluación de niños y adolescentes.

ESTADO NUTRICIONAL DE CRIANÇAS E ADOLESCENTES DO MUNICÍPIO DE PRESIDENTE FIGUEIREDO - AMAZONAS

RESUMO

O objetivo do estudo foi de analisar o estado nutricional de crianças e adolescentes de sete a 18 anos de idade, de ambos os sexos, freqüentadoras das escolas da rede pública da sede do município de Presidente Figueiredo – AM. A amostra foi composta por 1261 meninos e 1282 meninas selecionados aleatoriamente, pertencentes a seis escolas da sede do município. Foram analisadas as variáveis peso, estatura e data de nascimento e sexo. Os dados foram submetidos ao programa de Avaliação e Estado Nutricional em Pediatria (PED). A avaliação do estado nutricional foi realizada pelos critérios, de peso/estatura e estatura/idade, utilizando-se como padrão de referência o modelo do National Center for Health and Statistics (NCHS) e a classificação de Waterlow. Os resultados do presente estudo apontaram para os valores do estado nutricional, em que as crianças e adolescentes, em todas as faixas etárias, encontram-se tanto com déficit nutricional (prevalência para desnutrição), assim como algum problema relacionado ao excesso de peso. Em destaque para as idades de 11, 14 e 17 anos, com prevalência para desnutrição pregressa. Observaram-se, para as variáveis de peso corporal e estatura, valores menores ao estudo do NCHS e o Programa de Orçamento Familiar (POF).

PALAVRAS-CHAVE: Estado nutricional; avaliação de crianças e adolescentes.