

Assessment of dietary pattern of OBESE children (8-13 years)

■ ANCHAL SINGH AND VINITA SINGH

Received: 11.08.2012; Revised: 25.11.2012; Accepted: 17.12.2012

See end of the paper for authors' affiliations

Correspondence to :

VINITA SINGH

Department of Food Science and Nutrition, C.S.A.

University of Agriculture and Technology, KANPUR (U.P.)

INDIA

Email: nut09pau@gmail.com

■ **ABSTRACT** : Usually obesity is due to positive energy balance. That is the intake of calories is more than the expenditure of calories. The weight of the obese children significantly increased with age. 86.0 per cent obese children were consuming fast food only. Out of 86.0 per cent obese children, maximum obese children (89.54 %) were consuming sweets and ice cream and 10.46 per cent were not consuming.

■ **KEY WORDS** : Obesity, Fast food, Dietary pattern

■ **HOW TO CITE THIS PAPER** : Singh, Anchal and Singh, Vinita (2012). Assessment of dietary pattern of OBESE children (8-13 years). *Asian J. Home Sci.*, 7 (2): 554-555.

The cause of childhood obesity includes a wide range of factors mostly of genetic biological, behavioral and cultural origin. As our society is increasingly becoming sedentary, the changing life style of the past few decades tops of the list of consecutive factors of obesity. Unhealthy eating habits, like too much consumption of junk food, fried food or non vegetarian food ice cream and aerated beverages coupled with choosing wrong eating times have worsened the problem. Brunner *et al.* (1998) reported that childhood dietary habits are important because a food culture once adopted is apparently difficult to reverse. knowledge of dietary patterns of our urban school children is important. Several cross-sectional studies in India indicate that the percentage of overweight children in cities is a matter of concern (Ramachandran *et al.*, 2002). Junk food have become the prominent feature of the diet of the school going children through the world. These are convenience foods and usually characterized as energy dense, low micro nutrient, unhealthy, high in simple sugars, salt, non nutritious and highly palatable.

■ RESEARCH METHODS

An investigation entitled "Assessment of Dietary pattern of obese children (8-13 years)" was carried out in Kanpur city during 2007 objectives necessitated a descriptive survey design and observation. Selections of samples were

done by purposive random sampling. The information regarding dietary pattern were obtained by questionnaire cum interview methods.

■ RESEARCH FINDINGS AND DISCUSSION

Table 1 shows that 86.0 per cent respondents were consuming fast foods while 14.0 per cent respondents were not giving preference to the fast foods. Consumption of fast food is directly related to total energy intake and inversely related to diet quality (Ebbeling *et al.*, 2004).

Table 1 : Distribution of the obese children on the basis of fast food intake

Sr. No.	Fast food intake	No. of obese children	Percentage
1.	Yes	86	86.0
2.	No	14	14.0
	Total	100.0	100.00

Table 2 shows that out of 86 obese children most of the respondents that are 63.95 per cent preferred fried foods, 31.39 per cent respondents preferred snacks while minimum respondents 4.65 per cent preferred fruits and vegetables. Intake of fats and oils were higher than recommendations were noticed by Kumari and Jain (2005). According to Anita