

Sermsak Kluebthong 2008: Factors Related to Food Consumption Behavior Leading to Iron Deficiency Anemia At-Risk of Secondary Female Students in Bangkok Metropolis. Master of Arts (Home Economics Education), Major Field: Home Economics Education, Department of Vocational Education. Thesis Advisor: Assistant Professor Narumon Saratapun, Ph.D. 203 pages.

The objectives of this research were to study 1) food consumption behavior leading to iron deficiency anemia at-risk of secondary female students in Bangkok Metropolis 2) factors related to food consumption behavior leading to iron deficiency anemia at-risk of secondary female students in Bangkok Metropolis. A questionnaire was used for data collection. Multi-stage sampling technique was used to draw a sample of 620 students from female secondary students in Bangkok Metropolis. Data analysis comprised of percentage, mean, standard deviation and Chi-Square test; using computer program.

The findings of this research were as follows: More than half of students were 12 years and 6 months to 13 years old, lived in small family. Most of the students did not have congenital disease, their parents held lower than bachelor degree, and their income not more than 10,000 baht. Three-fifths of the students menstruated 12-14 years old. Almost half of the students had menstrual period 3-5 days. Sometimes they consumed milk and dairy products, meat and meat products, cereal and cereal products, nut, seed and products, vegetable and vegetable products, fruit and fruit products and beverage. Almost three-fourth of the students had iron deficiency anemia knowledge at low level.

The result of hypothesis testing showed statistical significance as follows: food consumption behavior leading to iron deficiency anemia at-risk of secondary female students was related to age, parents' education and family size at the .05 level; leading to iron deficiency anemia at-risk of secondary female knowledge at the .001 level.

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