

**Research Article** 

Open Access

\*Corresponding author: Nobutaka Kurihara, Hygiene and Preventive Medicine, Graduate School of Life Science, Kobe Women's University, Japan, Tel: +817372417; E-mail: kurihara@suma.kobe-wu.ac.jp

Received August 22, 2016; Accepted September 15, 2016; Published September 25, 2016

Citation: Osera T, Tsutie S, Kobayashi M, Kurihara N (2016) Using Soybean Products in School Lunch for Health Education may improve Children's Attitude

Citation: Osera T, Tsutie S, Kobayashi M, Kurihara N (2016) Using Soybean Products in School Lunch for Health Education may improve Children's Attitude and Guardians' Knowledge in Kindergarten. J Child Adolesc Behav 4: 310. doi:10.4172/2375-4494.1000310

Page 2 of 5

the frequency of a child's usual consumption of soybean products nowledge, Attitude, and Behaviour (KAB) Model [13], we gave the e frequency of using soybeans and tofu was classi ed into threeguardians information about soybeans. KAB also found in literature categories as follows: less than three times/week, three or more times/Knowledge-Attitude-Practice (KAP), is an important theoretical week and every day (Figure 1). e mothers' attitude was de ned as nodel of health education, which asserts that behaviour change is the mothers' ability to tell their children about Japanese foods and theected by knowledge and attitude [13]. mothers' recognition that soybean products are good for their children's health. Questions about 'respect for food', utilized a 5-point rating scale. Moreover, we asked the following two questions to examine the.' was used for statistical analysis of the data. Ninety- ve percent mothers' knowledge about products made from soybeans and about soybean products and mothers' attitude were calculated by using dividing each food into three groups according to food function soybean products and mothers' attitude were calculated by using Mothers chose from the following list: Tofu, Kinako, Abura-age, Kori tofu, Ganmodoki, Soymilk, Yuba, Miso, Soy sauces and Okara.

e mothers were asked about their children's food behaviours and attitudes, as well as the foods that the children disliked, which we results chosen from a list of 55 foods [10].

e mothers were adequately informed about the objectives and methods of this investigation, and they answered the questionnaire voluntarily, with the right to withdraw at any time during the study. Individual privacy was strictly protected throughout the investigation. Under these conditions, the mothers agreed to cooperate with the scienti c investigation that also included their children. e study was performed a er receiving approval from the principals of the kindergarten and nursery facilities. e study was also approved by the president of the kindergarten and the Kobe Women's University people's ethics committee.

eory, prior research, rationale: Children are more likely to eat in emotionally positive atmospheres. Siblings, peers and parents can act as role models to encourage the tasting of novel foods. Repeated exposures to initially disliked foods can break resistance [9,11]. We considered that school lunch would be useful in conducting this study because it can encourage peer support and can unintentionally provide children's preferences. For guardians, based on Prochaska and DiClemente's Stages of change model [12] and Schneider's

been shown that childhood social and educational factors are strongly associated with adult mental and physical health, and with adult health-related behavior [14]. Attention to these habits may continue to prevent NCDs during childhood and adulthood. Our hypothesis was that a mother's attitude toward her child's acquisition of healthy food habits has an e ective in uence on children's consumption of soybean products and that a mother's positive attitude toward soybean products can in uence her children's consumption of soybean products. Another study showed that there was a positive relationship between children's dietary food intake scores with the mothers' nutritional knowledge and attitude scores [15]. e result of one multi logistic regression analysis showed that both factors were important. For this research, we de ned mothers' attitude as, 'talking with their family' and, 'telling their children about Japanese food'. According to one research study conducted by Coon, the dietary patterns of children from families in which television viewing is a normal part of meal routines may include fewer fruits and vegetables and more pizzas, snack foods and sodas than the dietary patterns of children from families in which television viewing and eating are separate activities [16]. Our results countered Coon's ndings and con rm that family conversation is very important for children's healthy eating.

a child's healthy eating habits can increase soybean intake. It has also

Our result showed that they usually eat tofu was only 6%. In 2008, the Ministry of Agriculture, Forestry and Fisheries (MAFF) published a study regarding concerns about the usg udk(C)-15 3 (ldr)13g hio5 (c)6 (hi)-4.9 i0 11 (u)12 (t t)-6 (h)4 (e u)3 (s)(g )0oCtk2 (s)4 (h)4 (e(s)4 (2 (s)

Citation: Osera T, Tsutie S, Kobayashi M, Kurihara N (2016) Using Soybean Products in School Lunch for Health Education may improve Children's Attitude and Guardians' Knowledge in Kindergarten. J Child Adolesc Behav 4: 310. doi:10.4172/2375-4494.1000310

Citation: Osera T, Tsutie S, Kobayashi M, Kurihara N (2016) Using Soybean Products in School Lunch for Health Education may improve Children's Attitude and Guardians' Knowledge in Kindergarten. J Child Adolesc Behav 4: 310. doi:10.4172/2375-4494.1000310

References

1.