

شبكة المعلومات الجامعية التوثيق الإلكتروني والميكروفيلو

## بسم الله الرحمن الرحيم





MONA MAGHRABY



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MONA MAGHRABY

# Assessment for School Students' Perception Regarding Healthy Nutritional Pattern

### Thesis

Submitted for Partial Fulfillment of the Requirements of

Master Degree in Pediatric Nursing

### By

### **Mohamed Fathy Kamel**

Nursing supervisor in Balat Health Directorate at New Valley Governorate
(B.Sc. 2011)

Faculty of Nursing
Ain Shams University
2020

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Master Degree in Pediatric Nursing

Under Supervision of

### **Prof. Dr. Randa Mohamed Adly**

Professor of Pediatric Nursing
Faculty of Nursing – Ain Shams University

### Assist. Prof. Dr. Bothayna Nader Sadek

Assistant professor of Pediatric Nursing
Faculty of Nursing – Ain Shams University

Faculty of Nursing
Ain Shams University
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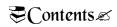
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### **List of Abbreviations**

| Abb. | Full Term                              |
|------|--|
| ABCD | Anthropometric, Biochemical, Clinical  |
|      | and Dietary Methods                    |
| AN   | Anorexia Nervosa                       |
| BMI  | Body Mass Index                        |
| CDC  | Center for Disease Control             |
| HFSS | High fat Sugar and Salt                |
| MAC  | Mid Arm Circumference                  |
| MUAC | Mid Upper Arm Circumference            |
| SPSS | Statistical Package for Social Science |



### Assessment for School Students' Perception Regarding Healthy Nutritional Pattern

Mohamed Fathy Kamel, Prof. Dr. Randa Mohamed Adly\*, Dr. Bothayna Nader Sadek\*\*

\*\* Professor of Pediatric Nursing, Faculty of Nursing – Ain Shams University

\* Assistant Professor of Pediatric Nursing, Faculty of Nursing – Ain Shams University

#### **Abstract**

Healthy nutrition is a cornerstone for the school students' health and wellbeing. Unhealthy nutritional behaviors are core contributors to chronic diseases and health problems. The aim of this study was to assess school students' perception regarding the healthy nutritional pattern. Research design: A descriptive exploratory design was utilized. Setting: This study was conducted at Kastal and El Ewina School, Awlad abd Alla School, Tenida School and Balat School. Sample: A convenient sample composed of 300 students, who attend the previously mentioned settings. Tools of data collection: the study tools were; 1) Predesigned Questionnaire Format which included three parts: To assess demographic characteristics of the studied student, to assess the school environment and to assess students' knowledge regarding healthy nutrition, 2) Assessment sheet for the students' nutritional practice: included two parts: to assess students' reported practice regarding healthy nutritional pattern and assessment for the students' nutritional pattern, 3) Assessment for the students' health status, included Physical examination sheet to assessment of all body parts to detected signs of nutritional deficiencies, Students' anthropometric measurements, and Mid-Upper Arm Circumference (MUAC). Results: The most of studied students had satisfactory total knowledge about food sources rich in protein and satisfactory total knowledge about the importance of healthy nutrition and the majority of them had satisfactory total knowledge about food sources rich in carbohydrates. Two thirds of them had satisfactory total knowledge about food sources rich in vitamins and minerals. Also, the majority of the studied students had good nutritional practices. There was statistically significant weak positive correlation between the studied students' knowledge and their reported practice regarding proper nutrition (r=.097, p=.04) and there was statistically significant very weak positive correlation (r=.006, P=.015) between reported practice and weight. Also, there was statistically significant very weak positive correlation (r=.042, P=.04) between reported practice and BMI. Conclusion: There was statistically significant weak positive correlation between the studied students total's knowledge and their total reported practice regarding proper nutrition (r=.097, p=.04) **Recommendation:** Provide school based nutritional programs for the students, aiming to improve nutritional pattern through health educational instructions, Involve teachers, school personnel, parents, communities, and local government in the development and implementation of school nutrition programs and Integration of nutrition education into the school curriculum for all age groups.

**Keywords:** School students, nutritional pattern.