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قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
علي هذه الأفلام قد اعدت دون آية تغيرات

يجب أن

تحفظ هذه الأفلام بعيداً عن الغبار

في درجة حرارة من 15 – 20 مئوية ورطوبة نسبية من 20-40 %

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15 – 25c and relative humidity 20-40 %

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بعض الوثائق

الأصلية تالفة

بالرسالة صفحات

لم ترد بالأصـــل

Minufiya University

Faculty of Home Economics
Depart. of Nutrition and Food Science

The Relationship Between The Nutritional Status and Immune System For Adult Person

By

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Thesis

Submitted in partial fulfillment of the requirements for the Degree of Doctor of Philosophy

In
Nutrition and Food Science

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APPROVAL SHEET

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Fatma El-Sebae

Abstract

The Relationship Between The Nutritional Status And Immune System For Adult Person.

Fatma Mohammed Monier Abd El-Gwad El-Sebae. ph.D. Thesis (2005) Nutrition and Food Science Dpt. Faculty of Home Economics, Minufiya University.

Dramatic increases in our understanding of the organization of the immune system and the factors that regulate immune function have demonstrated a remarkable and close concordance between host nutritional status and immunity. The aim of the study is to find out the relation between the nutritional status and the immune response, assess the relationship between the trace element status and the immune function, point out the interaction between age and immune response, to obtain the effect of food habits on immune function. The study was carried out on a sample of 100 adult people, aged 30-60, the subjects was taken from a governmental sector and represented all people in this sector, and subjects were divided in categories according to age –BMI classification. The entire sample was subject to anthropometric measurements (AM), dietary assessment, biochemical testes and socioeconomic questioner. The results indicated that, there was no significant correlation between energy intake and immunological parameters (IP) except with absolute GRA, it was negatively correlated, from these investigation, it was observed a negative significant correlation between most nutrients and GRA absolute or percentage, as well as a positive correlation obtained between animal protein, and monocyte percentage and count, also, the absolute monocyte was negatively correlated with calcium intake. Positive correlations exist between education level and nutrient intake. Age has highly positive correlation with nuetophils, negative correlation with band, and highly negative correlation with lymphocyte count, no other significant correlation was observed between age and IP. The correlation between AM and IM was observed between monocyte percentage and triceps skin fold (TSF) it was highly significant correlation. Total serum protein and absolute monocyte was significantly positive correlated, while between total protein and basophilis the correlation was significantly negative.

Key words: adult- nutritional status- anthropometric measurements- BMI- biochemical tests- immulological parameter- monocyte- lymphocyte- nutrients in blood serum.