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كلية التربية النوعية
قسم الاقتصاد المنزلي

السرطان والحالة الغذائية في محافظة الشرقية

Cancer and the Nutritional Status in Elsharky Covernorate

رسالة مقدمة من

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(تغذية وعلوم الأطعمة)

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Faculty of Specific Education
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Presented By

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B.Sc. Home Economics
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THESIS

**Submitted in Partial Fulfillment in the Requirements for the
Degree of Master of Nutrition and food Science**

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الله
الرحيم

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العليم الحكيم

صدق الله العظيم
(سورة البقرة آية 32)

Cancer and the nutritional status in el-sharkya covernorate

BY

Rehabe Ibrahim Tag Al-Deen Ibrahim

abstract

The aim of this study is assessment the nutritional status of the patients with cancer diseases (Lung-Breast-Bladder-Lymphoma) as well as the relationship between cancer and diets. The present study was carried out in Zagazig University hospital, on sample of patients who are suffering from cancer.

The sample consisted of 128 from male and female they were classified into four group.

The first group = (Female) Breast cancer (N=25).

The second group = (Male) Lung cancer (N=24).

The third group = (Male) Bladder (N=30).

The four group = (Male and Female) Lymphoma cancer (N=49).

Several information were collected for all patients including information about socio-economic status, 24 hours dietary recall, food habits and anthropometric measurements by personality meeting, nutritional values were calculated using computer and the data were statistically analysis using (spass) program. Also the determination of some laboratory analysis such as WBC, RBC and CEA, were determined.

The obtained data indicated that many defects in energy, calcium zinc, vitamins A, C and D intake for patients and increasing in protein, sodium and potassium in each cancer disease patients (Lung-Breast-Bladder – Lymphoma).

On the other hand, the majority of daily nutrients intake for these female were higher than male. In the case of female, there were a highly significant differences between total protein, calcium, vitamin B₁, Vitamin B₆ and HGB, CEA. While for mal there were highly significant differences between phosphore, animal protein, sodium and CEA.

The results showed that the means of WBC and RBC for cancer diseases patients were in normal range but the means of CEA were higher than normal range in each cancer diseases patients. Finally many recommendation were mentioned in this investigation for improving the nutritional statues.

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