



شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الالكتروني والميكروفيلم

قسم

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شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم

بالرسالة صفحات لم ترد بالاصل

بعض الوثائـــق الأصليــة تالفـه

ASSESS...ENT OF NUTRITIONAL STATUS RESIDENTS OF GERIATRIC HO...ES

Thesis Submitted for Partial Fulfillment for M.D. Degree in Public Health

Bv

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بحضير

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Abstract

Study was carried out in 19 geriatric homes in Cairo samples included 494 self dependent residents, 179 males and 315 females, 65 years and over. Questionnaire sheet inquired about biodemographic information, social data present medical history, drug intake, clinical and anthropometric examination, dietary assessment through 24 hours recall. Blood sample was taken for hemoglobin level, fasting blood sugar, blood lipids retinol and albumin.

Key Words: Nutritional assessment - Geriatric home residents.

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Abbreviations

AD . Alzheimer Disease

ADLs . Activities of daily living

ASHD . Athroschlerosis Heart Diseases

BMI . Body Mass Index

BP . Blood Pressure

Ca . Calcium

CAST . Council for Agricultural Science and Technology

CHD . Coronary Heart Diseases

COPD . Chronic Obstructive Pulmonary Diseases

FUFAs : Free Unsaturated Fatty Acids

HIV . Human Immune Virus

K Potassium

LDL . Low density lipoprotein

Mg . Magnesium

MUFAs . Monounsaturated Fatty Acids

Na . Sodium

NSAIDs . Non Steriodal Anti inflammatory Drugs

NSI . Nutrition Screening Initiative

OA . Osteoarthrosis

OTC . Over-the counter

PA . Prealbumin

PEM . Protein Energy Malnutrition

PUFAs . Polyunsaturated Fatty Acids

RBP . Retinol-Binding Protein

RDAs . Recommended Dietary Allowances

MIRODUCTION

Introduction

Nutrition and aging are inseparably connected as eating patterns affect the progress of many degenerative diseases associated with aging. In turn, the nutritional status of the elderly may be adversely affected by a number of factors associated either directly or indirectly with aging.

Reducing morbidity could be through health promotion and disease prevention, both improve the quality of elderly life and lessen the burden on health care system. It would seem reason reasonable that such efforts, including nutritional education in elderly would be of benefit (Olshansky, et al., 1998).

The risk factors of nutritional deficiency in the elderly are ranging from psychologic, physiologic and pathologic changes. They include depression, isolation, cognitive impairment, decreased physical activity idiosyncratic food performance, dental and oral changes, decreased acuity of taste and smell, decreased appetite, drug – nutrient interaction, recurrent infections, and chronic diseases (King 1997).

Despite considerable chronic disease and drug therapy, nursing home residents, are generally a clinically stable population. Most residents have at least one or several chronic conditions that can affect nutritional status (Melory et al., 1995).

The dramatic increase in life expectancy in this century occurred primarily in infancy and childhood. For men life expectancy at birth increased from 48 years to 72 years since 1900 for women it increased from 51 to 79 years.

Thus the growth of older population does not reflect an increase in maximal life span but instead reflects the extended life span of those individuals who in the past would have died in the infancy or childhood (US Department of Health, 1992).

The nutrient needs of both healthy and physically impaired older people are poorly understood; the current RDAs for those above 50 have been extrapolated from the recommendations for young adult and overlook the differences between the various age groups.

The major factor influencing dietary adequacy in older people is total energy intake (Robert and Williams 1996).