

## Research Article

#### The State of Nutrition Education at US Medical Schools

#### Kelly M. Adams,1 W. Scott Butsch,2 and Martin Kohlmeier1,3

Department of Nutrition, School of Medicine and Gillings School of Global Public Health. University of North Carolina at Chapel Hill, 800 Eastowne Drive, Suite 100, Chapel Hill, NC 27514, USA

Harvard Medical School, Massachusetts General Hospital Weight Center, 50 Staniford Street, 4th Floor, Boston, MA 02114, USA UNC Nutrition Research Institute, 500 Laureate Way, Kannapolis, NC 28081, USA

Correspondence should be addressed to Martin Kohlmeier, mkohlmeierg-unc.edu

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Purpose. To assess the state of mutrition education at US medical schools and compare it with recommended instructional targets. Method. We surveyed all 133 US medical schools with a four-year curriculum about the extent and type of required nutrition education during the 2012/13 academic year. Resolts Responses came from 121 institutions (91% response rate). Most US medical schools (86/121, 71%) fail to provide the recommended minimum 25 hours of nutrition education; 43 (36%) provide less than half that much. Nutrition instruction is still largely confined to preclinical courses, with an average of 14.3 hours occurring in this context. Less than half of all schools report teaching any nutrition in clinical practice, practice accounts for an average of only 4.7 hours overall. Seven of the 8 schools reporting at least 40 hours of nutrition instruction provided integrated courses together with clinical practice sessions. Conclusions. Many US medical schools still fail to prepare fature physicians for everyday nutrition challenges in clinical practice. It cannot be a realistic expectation for physicians to effectively address obesity, diabetes, metabolic syndrome, hospital malnutrition, and many other conditions as long as they see not taught during medical school and residency training how to recognize and treat the nutritional root causes.

#### 1. Introduction

Poor nutrition contributes to the development of most chronic diseases and even some acute conditions. The ongoing obesity epidemic demands urgent attention from physicians, and they can make a difference in their daily clinical practice without compromising the delivery of their usual services [1-3]. There is an increasing recognition that malnutrition is common in hospitalized patients, that it promotes the development of pressure ulcers and prolongs hospitalization stays, and that it is a major contributor to poor outcomes with many medical procedures. Timely nutritional assessment of at-risk patients and initiation of determined countermeasures are often effective and save costs [4]. Ill-advised overfeeding, on the other hand, can put malnourished patients at acute risk due to refeeding syndrome [5]. In fact, there are few areas of medical practice that are completely isolated from nutritional links or influerndes.

Physicians must be prepared for the many diverse situations when solid nutrition knowledge and clinical matrition skills can improve the likelihood of optimal health outcomes. Physicians shape clinical practice patterns, direct other healthcare staff, and allocate resources. They must be able to recognize the importance of nutritional problems and take the initiative to make matrition a key part of their daily practice, such as routinely including mutrition assessment during history-taking and physical examination. Physicians are the ones who routinely see patients when they need nutritional guidance the most; they must be able to recognize the need for a nutrition consultation, set the stage by explaining the importance of action to the patient, and then refer the patient to the appropriate professionals, such as a registered dietitian nutritionist.

Physicians in the US are largely on their own when it comes to learning how to look for signs of nutrition problems, how to explain the significance of nutrition-related conditions and appropriate interventions, and how to refer patients

# **Nutrition Education In Us Medical Schools**

**United States. General Accounting Office** 

#### **Nutrition Education In Us Medical Schools:**

Nutrition Education in U.S. Medical Schools National Research Council, Division on Earth and Life Studies, Commission on Life Sciences, Food and Nutrition Board, Committee on Nutrition in Medical Education, 1985-02-01 As the general public has become more aware of advances in nutrition consumer demands for advice on matters of diet and disease have grown This book offers recommendations to upgrade what were found to be largely inadequate nutrition programs in U S medical schools in order that health professionals be better qualified to advise and treat their patients A comprehensive study of one third of American 4 year undergraduate medical schools provided information on the current status of nutrition programs at each school Conclusions were drawn and recommendations made from analysis of this gathered information Questions examined in this volume include Has medical education kept pace with advances in nutrition science Are medical students equipped to convey sound nutritional advice to their patients What strategies are needed to initiate and sustain adequate teaching of nutrition in medical schools Nutrition Education in U.S. Medical Schools National Research Council (U.S.). Committee on Nutrition in Medical Education, 1985 Abstract An authoritative report to aid medical school administrators in ensuring the adequacy of nutrition education NE in medical school curricula presents the findings of a national survey by a special committee of the US National Research Council that concluded that medical school NE programs are largely inadequate to meet present and future demands of the medical profession. The survey assessed the extent to which NE is incorporated in medical education the prevalence of medical schools teaching nutrition and the success and failure of NE programs provided in different categories of medical schools. The major findings and recommendations of the committee are highlighted and an outline of NE core concepts that all medical schools should acquire is included Ancillary documentation and survey questionnaires are provided in 7 appendices Nutrition Education in U. S. Medical Schools National Research Council, Committee on Nutrition in Medical Education, 1985-01-01 **Nutrition Education in Medical Schools** United States. Congress. Senate. Committee on Agriculture, Nutrition, and Forestry. Subcommittee on Nutrition, 1978

Nutrition Education in U.S. Medical Schools National Research Council, Division on Earth and Life Studies, Commission on Life Sciences, Food and Nutrition Board, Committee on Nutrition in Medical Education, 1985-02-01 As the general public has become more aware of advances in nutrition consumer demands for advice on matters of diet and disease have grown This book offers recommendations to upgrade what were found to be largely inadequate nutrition programs in U.S. medical schools in order that health professionals be better qualified to advise and treat their patients A comprehensive study of one third of American 4 year undergraduate medical schools provided information on the current status of nutrition programs at each school Conclusions were drawn and recommendations made from analysis of this gathered information Questions examined in this volume include Has medical education kept pace with advances in nutrition science Are medical students equipped to convey sound nutritional advice to their patients What strategies are needed to initiate and sustain adequate

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enabling consumers to eat better These recommendations form the basis for three principal strategies necessary to further the implementation of dietary recommendations in the United States Food Bibliography United States. General Accounting Office,1981 Approximately 600 references arranged by accession numbers Each entry gives bibliographical information contact unit agency concerned authority and abstract Subject agency organization Congressional indexes

Food Bibliography, 1985 Reference to U.S. General Accounting Office GAO documents related to food nutrition or agriculture and released in various years as stated Intended for in depth research or general browsing Arranged according to accession numbers Each entry gives such information as title author agencies concerned GAO contact Congressional relevance and lengthy abstract Subject agency organization and Congressional indexes **Sugar Nation** leff O'Connell, 2024-09-24 The true story of one man's struggle to regain control of his life and save himself from his father's fate Excellent reading for diabetics and anyone interested in understanding and or managing diabetes Kirkus Reviews The prescriptive memoir tells the tale of a tall fit Men s Health writer who knew nothing about type two diabetes until he learned one day that his estranged father had lost a leg to the disease At a routine physical the following week he found out that same killer had him in the crosshairs as well He was stunned and like most people who receive a serious medical diagnosis frightened Over the next eighteen months Jeff O Connell successfully counterattacked the disease the world's fastest growing with a barrage of exercise diet and supplement strategies that are different from and in some cases the opposite of the recommendations of most doctors the American Diabetes Association and government agencies He learned that these misguided policies help explain why one in three U S adults now has diabetes or pre diabetes and why many of them don t even know it From the aisles of the supermarket to the halls of Congress O Connell investigated the consumer behavior science and politics associated with this devastating epidemic Too much sugar he discovered is literally rotting our population from the inside out and turning type two diabetes into a raging epidemic in China India the Middle East and mother other parts of the developing world So why isn t more being done to stop it And why isn t there a consensus among health organizations and medical professionals about how to fight it The answer will surprise you Through the prism of one man's experience Sugar Nation is a penetrating startling and insightful look at this guiet killer and what needs to e done now to triumph over it before it s too late Sugar Nation is a must read This book is a fundamental tool in educating the world on just how dangerous dietary sugar can be Jeff O Connell's direct yet user friendly approach to this important and overlooked subject is more than refreshing All will benefit from picking this book up Jennifer Nicole Lee author of The Jennifer Nicole Lee Fitness Model Diet

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