



The American Journal of  
**CLINICAL NUTRITION**

VOLUME 66 NUMBER 4 OCTOBER 1997

**SPECIAL ISSUE ON AGING AND NUTRITION**

**Editorials**

- 737 Weight loss in the elderly: cause or effect of poor health? *WC Willett*  
**See corresponding article on page 837.**
- 739 Contribution of epidemiology to understanding relations of diet to age-related cataract.  
*JA Mares-Perlman*  
**See corresponding article on page 911.**

**Review Articles**

- 741 Vitamin B-12 deficiency in the elderly: current dilemmas. *SP Stabler, J Lindenbaum, and RH Allen*
- 750 Cobalamin, the stomach, and aging. *R Carmel*
- 760 Anorexia of aging: physiologic and pathologic. *JE Morley*
- 774 Aging, protein requirements, and protein turnover. *DJ Millward, A Fereday, N Gibson, and PJ Pacy*

**Original Research Communications**

**Nutritional status**

- 787 Validity of the Minimum Data Set for assessing nutritional status in nursing home residents. *CS Blaum, EF O'Neill, KM Clements, BE Fries, and MA Fiatarone*
- 795 Nutritional status indicators and their interactions in rural Guatemalan elderly: a study in San Pedro Ayampuc. *JE King, M Mazariegos, C Valdez, C Castañeda, and NW Solomons*
- 803 Dietary intake and cognitive function in a group of elderly people. *RM Ortega, AM Requejo, P Andrés, AM López-Sobaler, ME Quintas, MR Redondo, B Navia, and T Rivas*
- 810 Recent patterns of alcohol consumption in the Russian elderly, 1992-1996. *N Zohoori*
- 815 Nutritional status of urban homebound older adults. *CS Ritchie, KL Burgio, JL Locher, A Comwell, D Thomas, M Hardin, and D Redden*
- 819 Nutrition risk screening characteristics of rural older persons: relation to functional limitations and health care charges. *GL Jensen, K Kita, J Fish, D Heydt, and C Frey*

**Cardiovascular disease risk and lipids**

- 829 Relation between anthropometric measures of fat distribution and cardiovascular risk factors in overweight pre- and postmenopausal women. *AC Perry, EB Applegate, ML Allison, PC Miller, and JF Signorile*
- 837 Carrying the burden of cardiovascular risk in old age: associations of weight and weight change with prevalent cardiovascular disease, risk factors, and health status in the Cardiovascular Health Study. *TB Harris, PJ Savage, GS Tell, M Haan, S Kumanyika, and JC Lynch*  
**See corresponding editorial on page 737.**
- 845 Age relations of cardiovascular risk factors in a traditional Melanesian society: the Kitava Study. *S Lindeberg, E Berntorp, P Nilsson-Ehle, A Terént, and B Vessby*
- 853 Effects of an American Heart Association diet and weight loss on lipoprotein lipids in obese, postmenopausal women. *BJ Nicklas, LI Katzel, LB Bunyard, KE Dennis, and AP Goldberg*

**Energy and protein metabolism**

- 860 Fat oxidation in response to four graded energy challenges in younger and older women. *KJ Melanson, E Saltzman, RR Russell, and SB Roberts*
- 867 Effects of diet and exercise on energy expenditure in postmenopausal women. *JL Thompson, UK Gylfadottir, S Moynihan, CD Jensen, and GE Butterfield*
- 874 Aging, physical activity, insulin-like growth factor I, and body composition in Guatemalan women. *JV Porch, K Jain, A Reilly, C Valdez, M Mazariegos, TR Ziegler, N Solomons, and RJ Smith*

This One



P6EC-W37-NK7B



(continued)

- 880 Whole-body protein turnover in the healthy elderly. *JA Morais, R Gougeon, PB Pencharz, PJH Jones, R Ross, and EB Marliiss*
- 890 Longevity in obese and lean male and female rats of the Zucker strain: prevention of hyperphagia. *PR Johnson, JS Stern, BA Horwitz, RE Harris Jr, and SF Greene*
- 904 Total body potassium and body fat: relevance to aging. *JJ Kehayias, MA Fiatarone, H Zhuang, and R Roubenoff*

#### **Micronutrients and antioxidants**

- 911 Long-term vitamin C supplement use and prevalence of early age-related lens opacities. *PF Jacques, A Taylor, SE Hankinson, WC Willett, B Mahnken, Y Lee, K Vaid, and M Lahav*  
**See corresponding editorial on page 739.**
- 917 Short- and long-term  $\beta$ -carotene supplementation do not influence T cell-mediated immunity in healthy elderly persons. *MS Santos, LS Leka, JD Ribaya-Mercado, RM Russell, M Meydani, CH Hennekens, JM Gaziano, and SN Meydani*
- 925 The response to treatment of subclinical thiamine deficiency in the elderly. *TJ Wilkinson, HC Hanger, J Elmslie, PM George, and R Sainsbury*
- 929 Plasma 25-hydroxyvitamin D and its determinants in an elderly population sample. *PF Jacques, DT Felson, KL Tucker, B Mahnken, PWF Wilson, IH Rosenberg, and D Rush*
- 937 Effect of calcium intake and physical activity level on bone mass and turnover in healthy, white, postmenopausal women. *S Suleiman, M Nelson, F Li, M Buxton-Thomas, and C Moniz*
- 944 Chromium picolinate supplementation and resistive training by older men: effects on iron-status and hematologic indexes. *WW Campbell, JL Beard, LJ Joseph, SL Davey, and WJ Evans*
- 950 Plasma retinol and plasma and lipoprotein tocopherol and carotenoid concentrations in healthy elderly participants of the Framingham Heart Study. *S Vogel, JH Contois, KL Tucker, PWF Wilson, EJ Schaefer, and CJ Lammi-Keefe*

i **ASCN Announcements**

ii **Calendar of Events**

#### **Supplement**

#### **Fats and oil consumption in health and disease: current concepts and controversies**

(bound separately)

THE AMERICAN JOURNAL OF CLINICAL NUTRITION is printed in Easton, MD, at Cadmus Journal Services, Inc. © 1997 by The American Society for Clinical Nutrition, Inc, 9650 Rockville Pike, Bethesda, MD 20814-3998 USA. All rights reserved. The contents of this publication may not be reproduced in whole or part without consent of copyright owner, The American Society for Clinical Nutrition. When an abstract appears at the beginning of an article, however, it may be reproduced in any form or translated without specific permission provided the original citation is included. The table of contents and cover also may be reproduced in any form or translated without specific permission.



Statements made and opinions expressed in Letters to the Editor, Editorials, Presidential Addresses, Book Reviews, and certain other special articles appearing in this journal represent the views of the authors and do not necessarily reflect the position of the journal or The American Society for Clinical Nutrition.