



The American Journal of  
**CLINICAL NUTRITION**

## CONTENTS

### Original Research Communications—general

- 667 Quantitation of tissue loss during prolonged space flight. *JL Leonard, CS Leach, and PC Rambaut*
- 680 Energy expenditure and postprandial thermogenesis in obese women before and after weight loss. *T Bessard, Y Schutz, and E Jéquier*
- 694 Phenylalanine intakes of 1- to 6-year-old children with phenylketonuria undergoing therapy. *PB Acosta, C Trahms, NS Wellman, and M Williamson*
- 701 The effect of red cell and plasma transfusion on serum zinc and copper levels in the neonate. *G Lockitch, WJ Godolphin, MR Pendray, and G Quigley*
- 706 Zinc absorption in celiac disease and dermatitis herpetiformis: a test of small intestinal function. *RW Crofton, SC Glover, SWB Ewen, PJ Aggett, NAG Mowat, and CF Mills*
- 713 Selenium and acute alcoholism. *SK Dutta, PA Miller, LB Greenberg, and OA Levander*

### Original Research Communications—surveys

- 719 A survey of physician clinical nutrition training programs in the United States. *L Howard and J Bigaouette*
- 730 Nutrient intake patterns and nutritional status with regard to relative weight in early infancy. *JS Vobecky, J Vobecky, D Shapcott, and P-P Demers*
- 739 Maternal nutritional status and adolescent pregnancy outcome. *AR Frisancho, J Matos, and P Flegel*
- 747 Growth and nutritional status of Bedouin infants in the Negev Desert, Israel: evidence for marked stunting in the presence of only mild malnutrition. *R Dagan, S Sofer, WJ Klish, G Hundet, H Saltz, and SW Moses*
- 757 Association of maternal smoking with body composition of the newborn. *GG Harrison, RS Branson, and YE Vaucher*

### Original Research Communications—method

- 763 The fatty meal test: an alternative to stool fat analysis. *R Goldstein, O Blondheim, E Levy, H Stankiewicz, and S Freier*

### Case Report

- 769 Selenium deficiency with total parenteral nutrition: reversal of biochemical and functional abnormalities by selenium supplementation. *SS Baker, RH Lerman, SH Krey, KS Crocker, EF Hirsh, and H Cohen*

(continued on inside cover)

(continued from back cover)

### **Special Articles**

- 775 Guide to materials for use in teaching clinical nutrition in schools of medicine, dentistry, and public health. *MS Read*
- 795 An innovation in nutrition education: development of a national nutrition test-item bank. *RL Weinsier, CM Brooks, JR Boķer, DC Heimburger, and EA Young*
- 800 Development of core competencies in clinical nutrition. *EA Young, E Weser, HM McBride, CP Page, and JH Littlefield*

### **Editorial**

- 811 Certification of clinical nutrition specialists: the current role of the American Board of Nutrition. *L Howard*

### **Letters to the Editor**

- 813 Inaccuracy of applying energy expenditure rates of adults to children. *B Torun*
- 815 Reply to letter by Torun. *C Bouchard*
- 815 Food intake and weight gain in pregnant women. *B Caan and DB Petitti*
- 816 Reply to letter by Caan and Petitti. *LH Allen and TA Picone*
- 817 Role of plasma cholesterol in determining glucose tolerance. *M Fields, S Reiser, and JC Smith*
- 819 **Book Reviews**
- 822 **Announcements**
- 824 **Erratum**