
Contents

Nutrition-Related Outcome in Critical Care	1
<i>H.N. Tucker</i>	
Host Defenses in Bacterial Assaults: A Delicate Balance	15
<i>K.A. Kudsk</i>	
From Structure to Function: What Should Be Known About Building Blocks of Protein	26
<i>P. Stehle, K.S. Kuhn, P. Fürst</i>	
Fatty Acids, Lipoproteins, and Lipid Emulsions	38
<i>Y.A. Carpentier, I.E. Dupont</i>	
Carbohydrate and Fat as Energetic Fuels in Intensive Care Unit Patients	54
<i>L. Tappy, R. Chioloro</i>	
Trace Elements and Vitamins	66
<i>M.M. Berger, A. Shenkin</i>	
Antioxidants in Critical Illness	80
<i>M. Borhani, W.S. Helton</i>	
Strategies for Motility and Dysmotility in Nutrition Support	92
<i>V. Kaul, G.M. Levine</i>	
The Value of Organized Nutritional Support Service in Intensive Care Unit Care	104
<i>P.J. Schneider, J.M. Mirtallo</i>	
Enteral Versus Parenteral Feeding in Critical Illness	115
<i>K.A. Kudsk</i>	

Obtaining and Maintaining Access for Nutrition Support	125
<i>D.F. Kirby, K.A. Kudsk</i>	
Formulation of Parenteral and Enteral Admixtures	138
<i>D.F. Driscoll</i>	
Drug-Nutrient Interactions in the Critically Ill	151
<i>J.A. Thomas, W.W. Stargel, R. Cotter</i>	
A Practical Approach to Feeding Intensive Care Patients	166
<i>P. Jolliet, C. Pichard</i>	
Nutritional Assessment of Intensive Care Unit Patients	179
<i>M. Isabel, T.D. Correia</i>	
Monitoring Nutritional Support in the Intensive Care Unit	191
<i>J. Powell-Tuck, D.R. Goldhill</i>	
Nutritional Effects on Respiratory and Muscle Dysfunction in Intensive Care Unit Patients	209
<i>K.N. Jeejeebhoy</i>	
Perioperative Nutrition	220
<i>N. Cano</i>	
Perioperative Nutrition in Elective Surgery	323
<i>S.P. Allison</i>	
Nutrition Support in Blunt and Penetrating Torso Trauma	243
<i>M.M. McQuiggan, F.A. Moore</i>	
Nutritional Support in Neurologic Injury	260
<i>A.P. Borzotta</i>	
Nutritional Support of the Severely Burned Patient	275
<i>S.E. Wolf, A.P. Sanford, D.N. Herndon</i>	
Liver Function: Alteration and Insufficiency	288
<i>X.M. Leverve, M.-A. Piquet</i>	
Nutritional Support in Acute Respiratory Failure	303
<i>X. Leverve, D. Barnoud, C. Pichard</i>	

Nutrition Support in Pancreatitis	316
<i>S.A. McClave, H.L. Snider</i>	
Nutrition Support of Critically Ill Obese Patients	327
<i>L. Flancbaum, P.S. Choban, S.B. Heymsfield</i>	
Hyperglycemia and Blood Sugar Management: Implications for Infection	338
<i>K.C. McCowen, L. Khaodhjar, B.R. Bistrain</i>	
Nutrition Support of the Septic Patient	348
<i>C.J. G. Rodríguez</i>	
Nutrition Support Guidelines for Therapeutically Immunosuppressed Patients	361
<i>J. Hasse, K. Robien</i>	
Enteral Immunonutrition in the Intensive Care Unit: A Critical Approach	384
<i>G. Nitenberg, S. Antoun, B. Raynard</i>	
Effects of Route and Dose of Immunonutrition Compounds	409
<i>R.D. Griffiths, F. Andrews</i>	
Stress-Related Catabolism: Countermeasures	425
<i>C. Pichard, L. Genton, P. Jolliet</i>	
New Nitrogen-Containing Substrates in Artificial Nutrition	441
<i>P. Fürst, K.S. Kuhn, P. Stehle</i>	
Merging Evidence-based Medicine and Nutrition Support Practice for Critically Ill Patients: The (Mis)interpretation of Randomized Trials and Meta-analyses	461
<i>D.K. Heyland, R. Koretz</i>	