

TABLE OF CONTENTS

Fluids, Electrolytes, and Nutrition I	1	Clinical and Practice Updates I	69
Fluids, Electrolytes, and Nutrition I Panel	3	Clinical and Practice Updates I Panel.....	71
Fluids and Electrolytes			
<i>By Allison B. Blackmer, Pharm.D., BCPS, BCPPS</i>			
Introduction	7		
Fluids.....	7		
Electrolytes.....	16		
Conclusion	21		
References	22		
Self-Assessment Questions	24		
Parenteral Nutrition			
<i>By Mary Petrea Cober, Pharm.D., BCNSP, BCPPS</i>			
Introduction	29		
Challenges in the Provision of PN for Pediatric Patients.....	29		
Advances in the Provision of PN in Pediatric/ Neonatal Patients.....	33		
Conclusion	44		
References	45		
Self-Assessment Questions	48		
Nutrition in Critically and Chronically Ill Patients			
<i>By Sarah K. Wassil, Pharm.D., BCPS</i>			
Introduction	53		
Critically Ill Populations Requiring PN.....	55		
Complications Associated with PN Dependence.....	58		
Conclusion	63		
References	63		
Self-Assessment Questions	66		
1	Guideline Review: Nutrition Support in the Critically Ill Pediatric Patient		
<i>By A. Jill Thompson, Pharm.D., BCPS, BCPPS</i>			
On-Demand Webcast	75		
References	76		
Self-Assessment Questions	77		
Ordering and Compounding Parenteral Nutrition			
<i>By Catherine M. Crill, Pharm.D., FCCP, BCPS, BCNSP</i>			
References	82		
Self-Assessment Questions	84		
Clinical and Practice Updates II.....	87		
Clinical and Practice Updates II Panel..... 89			
Enteral Nutrition			
<i>By Mary Soliman, Pharm.D., BCPPS</i>			
On-Demand Webcast	93		
References	94		
Self-Assessment Questions	95		
Pediatric Obesity			
<i>By Amy Heiberger, Pharm.D., BCPS, BCPPS; and Tadd Hellwig, Pharm.D., BCPS</i>			
References	100		
Self-Assessment Questions	102		