

# TABLE OF CONTENTS

<b>Transplantation I</b> .....	1
Transplantation I Panel .....	3

## Immunosuppression in Pediatric SOT

*By Barrett Crowther, Pharm.D., FAST, BCPS*

Introduction .....	7
Induction Immunosuppression .....	11
Maintenance Immunosuppression .....	14
Acute Cellular Rejection .....	19
Antibody-Mediated Rejection .....	20
Chronic Rejection/Chronic Allograft Injury .....	22
Conclusion .....	22
References .....	23
Self-Assessment Questions .....	26

## Pediatric Heart Transplantation

*By Justin Chen, Pharm.D.*

Introduction .....	31
Indication for Pediatric HT .....	34
Pretransplant Considerations .....	41
Transplant Considerations .....	45
Posttransplant Considerations .....	53
Transitions of Care .....	58
Conclusion .....	61
References .....	62
Self-Assessment Questions .....	67

<b>Transplantation II</b> .....	73
Transplantation II Panel .....	75

## Liver and Intestinal Transplantation

*By Dana N. Cerminara, Pharm.D., BCPPS*

Liver Transplantation .....	79
Intestinal Transplantation .....	88
Conclusion .....	94
References .....	94
Self-Assessment Questions .....	96

## Pediatric Hematopoietic Stem Cell Transplantation

*By Valeria Bernardo, Pharm.D., BCOP, BCPPS; and John S. Ng, Pharm.D.*

Introduction .....	101
Complications of HSCT .....	104
Role of the Pharmacist .....	123
Conclusion .....	125
References .....	125
Self-Assessment Questions .....	128

<b>Transplantation III</b> .....	133
Transplantation III Panel .....	135

## Immunizations in Pediatric SOT Recipients

*By Staci Serluco, Pharm.D., BCPS*

Recorded Webcast: Immunizations in Pediatric SOT Recipients .....	139
Hyperlink to Activity .....	140
Self-Assessment Questions .....	141

## Interactive Case: Management of the Organ Donor

*By Mary Moss Chandran, Pharm.D., BCPS*

Interactive Case: Management of the Organ Donor .....	145
Hyperlink to Activity .....	146
Self-Assessment Questions .....	148

## Interactive Case: Guideline Update on CMV in SOT

*By Maryjoy R. Lepak, Pharm.D., BCPPS*

Interactive Case: Guideline Update on CMV in SOT .....	152
Hyperlink to Activity .....	152
Self-Assessment Questions .....	155