Contents

List of Contributors, ix
Foreword, xii
Preface, xiv
Acknowledgements, xv
About the Companion Website, xvi
Abbreviations, xvii

PART 1 When to Refer a Patient for Liver Transplantation

1 General Considerations, 3
   S. Tamir Rashid and Alexander E. Gimson
2 Prognostic Models in Liver Transplantation, 18
   James Neuberger

PART 2 Selection, Assessment and Management on the List

3 Assessing the Potential Transplant Recipient, 29
   Diarmuid D. Houlihan and Philip N. Newsome
4 Consent, 39
   Christopher J.E. Watson
5 Management on the Waiting List, 47
   Sumeet K. Asrani and Jayant A. Talwalkar
6 Specific Diseases, 60
   Ian A. Rowe and David J. Mutimer
7 Specific Issues of Selection including Non-Compliance, Futility, Nutritional and Social Issues, 73
   Ken Simpson

PART 3 Transplantation for Acute Liver Failure

8 Assessment of the Patient with Acute Liver Failure, 85
   Ashley Barnabas and John O’Grady
9 Management of the Patient with Fulminant Hepatic Failure Awaiting Liver Transplantation, 93
  James Neuberger

PART 4 Donation and Allocation

10 Liver Donation, 103
  Gabriel C. Oniscu

11 Liver Allocation, 116
  Richard B. Freeman, Jr

12 Alternatives to Orthotopic Liver Replacement, 125
  James Neuberger

13 Surgical Aspects of Liver Transplantation, 129
  Thamara Perera and Simon Bramhall

PART 5 Care of the Liver Transplant Recipient

14 Introduction to Outcomes and Follow-Up, 147
  James Neuberger

15 The Immune System in Liver Transplantation: Rejection vs. Tolerance, 160
  Palak J. Trivedi and Nick D. Jones

16 Immunosuppression in Liver Transplantation, 184
  Aaron James Chan and John R. Lake

17 Microbiological Prophylaxis in Liver Transplantation, 197
  Matthew J. Armstrong and Philip N. Newsome

18 Managing the Liver Transplant Recipient with Abnormal Liver Blood Tests, 208
  Joanna A. Leithead and James Ferguson

19 Managing Rejection, 227
  Palak J. Trivedi and James Neuberger

20 Management of Renal Function, 248
  James Ferguson

21 Management of Post-Transplant Ascites, 256
  Chris Corbett and Philip N. Newsome

22 Cytomegalovirus and the Liver Transplant Recipient, 261
  James Ferguson

23 Immunisation and Liver Transplantation, 268
  James Neuberger
24 Contraception and Pregnancy, 274
   Carlo B. Ramirez, Cataldo Doria, Michael J. Moritz, John M. Davison and
   Vincent T. Armenti

25 Common Drug Interactions, 283
   Amanda Smith

26 Management of Recurrent Disease, 290
   Michael R. Lucey

27 Managing Cardiovascular Risk in the Liver Transplant Recipient, 299
   Joanna K. Dowman and Philip N. Newsome

28 Bone Disease in Liver Transplantation, 309
   John Ayuk

29 Malignancy after Liver Transplantation, 316
   James Neuberger

30 Post-Transplant Lymphoproliferative Disorder, 325
   Joseph F. Buell, Nathan J. Shores, Thomas G. Gross, Jeremy R. Chapman
   and Angela C. Webster

Colour plate section facing p. 170

Index, 337