The AST Handbook of Transplant Infections

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On behalf of The American Society of Transplantation
Infectious Diseases Community of Practice
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Contents

List of Contributors, ix
Preface, xiii
Acknowledgements, xv

Part 1 General Issues and Infectious Syndromes, 1

1 Timeline of Infections After Organ Transplant, 3
   Christian van Delden

2 Timeline of Infections After Hematopoietic Stem Cell Transplant, 4
   Sarah P. Hammond & Francisco M. Marty

3 Immune Reconstitution After Myeloablative Stem Cell Transplant, 5
   Sarah P. Hammond & Francisco M. Marty

4 Pre-transplant Infectious Disease Evaluation of the Organ Transplant
   Candidate, 6
   Staci A. Fischer

5 Pre-transplant Infectious Disease Evaluation of the Hematopoietic Stem Cell
   Transplant Candidate, 8
   Staci A. Fischer

6 Technical Complications after Organ Transplant and Associated Infections, 9
   Abhinav Humar

7 Evaluation and Initial Treatment of Infectious Complications Among Organ
   Transplant Recipients, 11
   Kathleen Julian

8 Management of Infections in Kidney Transplant Recipients, 20
   Bartholomew Bono

9 Management of Infections in Pancreas Transplant Recipients, 22
   Bartholomew Bono

10 Management of Infections in Liver Transplant Recipients, 23
    Bartholomew Bono

11 Management of Infections in Lung, Heart–Lung, and Heart Transplant
    Recipients, 25
    Shahid Husain & S.M. Hosseini-Mogaddham

12 Management of Infections in Intestinal Transplant Recipients, 29
    Michael Green
Contents

13 Antimicrobial Management of Patients with Fever and Neutropenia Following Hematopoietic Stem Cell Transplantation, 31
  Upton D. Allen

Part II Specific Pathogens, 33

14 Cytomegalovirus, 35
  Raymund R. Razonable & Atul Humar

15 Epstein-Barr Virus and Post-transplant Lymphoproliferative Disorders, 42
  Rebecca Madan & Betsy Herold

16 Management of herpes simplex virus, 45
  Marian G. Michaels

17 Management of Varicella Zoster Virus, 47
  Marian G. Michaels

18 Prevention and Treatment of Human Herpesvirus 6, 7 and 8 Infections in Transplant Recipients, 49
  Raymund R. Razonable

19 BK Polyomavirus and Polyomavirus-associated Nephropathy, 51
  Hans H. Hirsch

20 Respiratory Viruses, 55
  Oriol Manuel

21 Human Papillomavirus, 59
  Gail E. Reid

22 Hepatitis B, 61
  Karen E. Doucette

23 Hepatitis C Management in Transplant Candidates and Recipients, 63
  Karen E. Doucette

24 Management Algorithm for Transplantation in Patients with Human Immunodeficiency Virus, 64
  Shirish Huprikar

25 Management of Selected Fungal Infections After Transplantation, 68
  Michele I. Morris

26 Treatment of Nocardia Infections, 73
  Nina M. Clark

27 Tuberculosis: Treatment and Prevention, 74
  Nina M. Clark

28 Treatment of Non-tuberculous Mycobacterium Infections, 77
  Nina M. Clark

29 Pneumocystis jiroveci Pneumonia: Prophylaxis and Therapy, 79
  Nicolas J. Mueller

30 Suggested Therapy of Clostridium difficile Colitis After Transplantation, 80
  Aneesh K. Mehta
<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>31</td>
<td>Diagnosis and Treatment of Multidrug-Resistant Bacteria, 81</td>
<td>Emily A. Blumberg</td>
</tr>
<tr>
<td>32</td>
<td>Management of Selected Parasitic Infections After Transplant, 84</td>
<td>Sanjay Mehta &amp; Robert Huang</td>
</tr>
<tr>
<td></td>
<td><strong>Part III Donor Issues, 87</strong></td>
<td></td>
</tr>
<tr>
<td>33</td>
<td>Infectious Disease Evaluation of the Potential Organ Donor, 89</td>
<td>Staci A. Fischer</td>
</tr>
<tr>
<td>34</td>
<td>Infectious Disease Evaluation of the Potential Hematopoietic Stem Cell Transplant Donor, 91</td>
<td>Staci A. Fischer</td>
</tr>
<tr>
<td>35</td>
<td>Donor-derived Infections, 93</td>
<td>Michael G. Ison</td>
</tr>
<tr>
<td>36</td>
<td>Estimates of Window Period Length for Serology and Nucleic Acid Testing, 97</td>
<td>Atul Humar</td>
</tr>
<tr>
<td>37</td>
<td>Estimates of Residual Risk of HIV or HCV when using Selected Increased Risk Donor Categories, 98</td>
<td>Atul Humar</td>
</tr>
<tr>
<td>38</td>
<td>Management of Recipients of Hepatitis B Core Antibody-Positive Donor Organ, 99</td>
<td>Karen E. Doucette</td>
</tr>
<tr>
<td>39</td>
<td>Donor Tuberculosis Issues: Potential Scenarios and Management, 100</td>
<td>Camille N. Kotton &amp; Michele I. Morris</td>
</tr>
<tr>
<td></td>
<td><strong>Part IV Prevention of Infections after Transplantation, 103</strong></td>
<td></td>
</tr>
<tr>
<td>40</td>
<td>Suggested Prophylaxis Regimens in Organ Transplant Recipients, 105</td>
<td>Nasia Safdar, Germana L.M. Silva &amp; Jennifer Hsu</td>
</tr>
<tr>
<td>41</td>
<td>Antimicrobial Prophylaxis Regimen for Allogeneic Hematopoietic Stem Cell Transplant Recipients, 107</td>
<td>Sherif Mossad</td>
</tr>
<tr>
<td>42</td>
<td>Antimicrobial Prophylaxis Regimen for Autologous Hematopoietic Stem Cell Transplant Recipients, 109</td>
<td>Sherif Mossad</td>
</tr>
<tr>
<td>43</td>
<td>Adult Vaccination Schedule After Solid Organ Transplant, 110</td>
<td>Marissa Wilck &amp; Lindsey Baden</td>
</tr>
<tr>
<td>44</td>
<td>Adult Vaccination Schedule After Allogeneic Stem Cell Transplant, 113</td>
<td>Lindsey Baden &amp; Marissa Wilck</td>
</tr>
<tr>
<td>45</td>
<td>Immunizations After Pediatric Solid Organ Transplant and Hematopoietic Stem Cell Transplant, 116</td>
<td>Tanvi Sharma &amp; Lynne Lewis</td>
</tr>
<tr>
<td>46</td>
<td>Recommendations for Travel-related Vaccinations and Medications for Transplant Travelers, 120</td>
<td>Camille N. Kotton</td>
</tr>
</tbody>
</table>
47 Safe Living Strategies for Transplant Patients, 123
   *Julia Garcia-Diaz & Shannon Bergeron*

**Part V Post-transplant Medications and Drug Interactions, 127**

48 Common Immunosuppressive Drugs, Mechanisms of Action, Side-effects, and Other Interactions, 129
   *Daniel Kaul*

49 Infectious Risks Associated with Anti-thymocyte Globulin (ATG, Thymoglobulin), 131
   *Steven D. Burdette*

50 Infectious Risks Associated with Alemtuzumab (Campath), 133
   *Steven D. Burdette*

51 Infectious Risks Associated with IL-2R Antagonist [Basiliximab (Simulect) and Daclizumab (Zenapax)], 135
   *Steven D. Burdette*

52 Infectious Risks Associated With Rituximab (Rituxan), 136
   *Steven D. Burdette*

53 Drug Interactions Between Antimicrobial Agents and Common Immunosuppressive Drugs Used in Transplantation, 137
   *Christian Garzoni*

54 Antiviral Agents for Adult Transplant Recipients, 140
   *Valentina Stosor*

55 Antifungal Agents in Adult Transplant Recipients, 146
   *Shmuel Shoham*

56 Antiviral Agents for Pediatric Transplant Recipients, 150
   *Lara Danziger-Isakov, Lizbeth Hansen & Elizabeth Neuner*

57 Antifungal Agents for Pediatric Transplant Recipients, 158
   *Lara Danziger-Isakov, Lizbeth Hansen & Elizabeth Neuner*

Index, 165
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Preface

Transplantation is a complex, multidisciplinary specialty. Modern immunosuppressive therapy has improved patient and graft outcome. However, this places transplant patients at risk for a variety of infectious complications. Advances in transplant infectious diseases such as molecular diagnostics and novel therapeutics, coupled with the changing epidemiology of infectious agents, have greatly increased the complexity surrounding appropriate prevention and management of infections in these patients.

This is the first edition of the *AST Handbook of Transplant Infections*. It offers practical guidance on both common and unusual issues encountered in both solid organ and hematopoietic stem cell transplant patients. The handbook offers a practical approach to specific clinical syndromes after transplantation, as well as diagnosis, prevention and therapy of specific infections. We also address scenarios related to the prevention of donor-derived infections, common drug interactions, and other issues specifically related to the transplant patient.

The book does not go through comprehensive dosing or spectrum of activity of commonly used antimicrobials. It is assumed that the reader has some general knowledge of antimicrobials, their overall spectrum of coverage and dose adjustments in renal failure.

The handbook will be updated regularly. This book is endorsed by the American Society of Transplantation (AST). We acknowledge the members of the AST Infectious Diseases Community of Practice, whose members conceived the idea, and wrote and reviewed the chapters. In addition, we thank the members of the AST Pharmacy Community of Practice for reviewing selected sections.

We hope that you will find the handbook useful in your daily clinical practice.

Deepali Kumar & Atul Humar

*Edmonton*