Contents

Foreword by John Barrett, vii
Foreword by Stephanie J Lee, viii
Foreword by John Goldman, ix
List of Contributors, x

Section 1 Late effects concepts, 1

1 Introduction, 3
   Bipin N Savani

2 Overview: transplant data and increasing numbers of long-term survivors, 7
   Jakob R Passweg and Helen Baldomero

3 Long-term transplant clinic setup, 11
   André Tichelli, Joerg P Halter, Jakob R Passweg, and Alicia Rovó

4 Late effects after allogeneic hematopoietic stem cell transplantation, 21
   Shahrukh Hashmi and Mark R Litzow

5 Late effects after autologous hematopoietic stem cell transplantation, 31
   Sairah Ahmed and Yago Nieto

6 Graft-versus-host disease and late effects after hematopoietic stem cell transplantation, 43
   Gérard Socié

7 Prominent role of allied health professionals (nurse practitioners, physician assistants, others) in long-term follow-up after hematopoietic stem cell transplantation, 52
   Catherine E Lucid

Section 2 Management, 55

8 Screening and prevention guidelines for hematopoietic cell transplant survivors, 57
   Navneet S Majhail and J Douglas Rizzo

9 Secondary malignancies: prevalence, screening, prevention, and management guidelines, 65
   Paolo F Caimi and Hillard M Lazarus

10 Cutaneous chronic graft-versus-host disease, 77
    Attilio Olivieri, Daniela Massi, Andrea Bacigalupo, and Anna Campanati

11 Anti-infective prophylaxis, immunization and prevention of recurrent infectious complications in long-term survivors, 106
    John P Galvin and Jayesh Mehta

12 Seasonal virus infections: prevention and management guidelines, 116
    Gaurav Trikha and John R Wingard

13 Exposure to family members: infections and recent live vaccinations, 130
    Brian G Engelhardt and James E Crowe, Jr

14 Late pulmonary complications after allogeneic hematopoietic stem cell transplantation: bronchiolitis obliterans syndrome (BOS) and organizing pneumonia (OP), 141
    Lee Gazourian, Gerald I. Weinhouse, Joseph H Antin, and Vincent T Ho

15 Post-transplantation bone disease: prevalence, monitoring, prevention, and management guidelines, 151
    Kathryn Dahir, Brandon Perry, and Shubhada Jagasia

16 Ocular complications: prevalence, monitoring, prevention, and management guidelines, 162
    André Tichelli and Alicia Rovó

17 Oral complications in hematopoietic stem cell transplantation survivorship, 172
    Sharon Elad, Corey Cutler, and Nathaniel Treister

18 Sexual dysfunction in long-term survivors: monitoring and management, 183
    Andrea L Utz and Shubhada Jagasia
Contents

19 Fertility issues, contraception, and pregnancy outcome in long-term survivors, 193
   Alicia Rovó, Nina Salooja, Carl P Schwarze, Joerg P Halter, and André Tichelli

20 Follow-up of children after hematopoietic stem cell transplantation: growth and development, 203
   Kristina K Hardy, David A Jacobsohn, and Evelio Perez-Albuerrne

21 Posttransplant diabetes mellitus: monitoring, prevention, and management guidelines, 215
   Prathima Jasti, Shichun Bao, and Shubhada Jagasia

22 Thyroid disease: monitoring and management guidelines, 225
   M Kathleen Figaro, Cheryl A Fassler, Shubhada Jagasia, and Vipul T Lakhani

23 Special issues related to female long-term survivors, 233
   Melissa A Merideth, Kristin Clay Chabarria, Tajana Klepac Pulanic, and Pamela Stratton

24 Cardiac and vascular complications in long-term survivors after hematopoietic stem cell transplantation, 244
   Alicia Rovó and André Tichelli

25 Hyperlipidemia: prevalence, monitoring, management, interactions with immunosuppressive agents, and follow-up, 258
   Dara L Eckerle Mize, Shubhada Jagasia, and Jeffrey B Boord

26 Hypertension management in long-term survivors, 269
   Imad Abboud

27 Gastrointestinal complications of hematopoietic cell transplantation, 276
   Preet Bagi, Niharika Samala, Steven Pavletic, and Theo Heller

28 Hepatic complications of hematopoietic stem cell transplantation, 286
   Niharika Samala, Preet Bagi, Theo Heller, and Steven Pavletic

29 Monitoring and management of hepatitis B, hepatitis C, and HIV infection before and after transplantation, 294
   Keith Luckett and Stephen Dummer

30 Prevention and management of renal complications in long-term survivors, 304
   Michael Dickenmann and Joerg P Halter

31 Immunosuppressive agents and monitoring in long-term survivors, 314
   Paul Shaughnessy and Helen Leather

Section 3 Supportive care for long-term survivors after HSCT, 321

32 Nutritional assessments and nutritional supplementation for long-term transplant survivors: multivitamins, vitamin D, calcium, antioxidants, and minerals, 323
   Lauren Zatarain, LaQuisa Hill, Daniel R Thomas, and Stacey A Goodman

33 Daily routines and guidelines: driving, infection isolation, masks, food/diet, activities, exercise, pets, sun exposures, and others, 332
   Angela M Woods

34 Caregivers of long-term survivors, 340
   Elizabeth Wulff-Burchfield

35 Health-related quality of life in adult and pediatric survivors of hematopoietic stem cell transplantation, 345
   Margaret Bevans and Lori Wiener

36 Prevalent psychosocial adjustment issues and solutions: lifestyle and social challenges, 368
   Katrina M Stokes

37 A patient’s perspective: concepts of long-term survivor support groups and their roles, 376
   Michael W Brown

APPENDIX 1 NMDP/Be The Match posttransplant guidelines resources, 379
   Darlene Haven

APPENDIX 2 Long-term follow-up calendar, 381
   André Tichelli, Joerg P Halter, Jakob R Passweg, and Alicia Rovó

APPENDIX 3 Commonly used transplant-related medications in long-term survivors, 385
   Melissa Logue

Index, 387