CONTENTS

Tribute vii
Contributors ix
Foreword xiii
Preface xv
Acknowledgments xvi

PART 1 General Concepts

- **1** Anatomy and Physiology of the Skin *3*Asfandyar Mufti, Elizabeth A. Ayello, and R. Gary Sibbald
- **2 Wound Healing** 24 Janice M. Beitz
- **Assessment of the Patient with a Wound** 38 Barbara M. Bates-Jensen
- 4 General Principles of Wound Management: Goal Setting and Systemic Support 69

 Lee Ann Krapfl and Benjamin F. Peirce
- 5 Patient and Caregiver Education: Significance and Guidelines 80
 Lia van Rijswijk
- 6 Nutritional Assessment and Support in Relation to Wound Healing 89
 Becky Dorner, Mary Ellen Posthauer, and Elizabeth Friedrich
- 7 General Principles of Topical Therapy 107

 JoAnn Ermer-Seltun and Bonnie Sue Rolstad
- **8** Wound Cleansing and Dressing Selection 131 Kelly A. Jaszarowski and Rose W. Murphree
- **9 Principles and Guidelines for Wound Debridement** 145 Janet M. Ramundo
- **10** Assessment and Management of Wound-Related Infections 156

 Dot Weir and Gregory Schultz

11	Refractory Wounds: Assessment and Management	181
	Debra S. Netsch	

- 12 Skin and Wound Care for Neonatal and Pediatric Populations 198 Carolyn Lund and Charleen Singh
- 13 Skin and Wound Care for the Geriatric Population 220 Bonny Flemister
- 14 Skin and Wound Care for the Bariatric Population 242 Susan S. Morello
- Skin and Wound Care for the Spinal Cord-Injured Patient 253 Laurie M. Rappl and David M. Brienza

Specific Wounds PART 2

- 16 General Concepts Related to Skin and Soft Tissue Injury Caused by Mechanical Factors 273 Dorothy B. Doughty and Laurie L. McNichol
- 17 "Top-Down" Injuries: Prevention and Management of Moisture-Associated Skin Damage (MASD), Medical Adhesive-Related Skin Injury (MARSI), and Skin Tears 281 Debra M. Thayer, Barbara Rozenboom, and Sharon Baranoski
- 18 Bottom-Up (Pressure Shear) Injuries 313 Joyce K. Stechmiller, Linda J. Cowan, and C. W. J. Oomens
- 19 Pressure Ulcer Prevention: Specific Measures and Agency-Wide Strategies 333 JoAnn Maklebust and Morris A. Magnan
- 20 Therapeutic Surfaces for Bed and Chair 362 Dianne Mackey and Carolyn Watts
- 21 Venous Insufficiency, Venous Ulcers, and Lymphedema 384 Jan Johnson, Stephanie S. Yates, and Joanna J. Burgess
- 22 Assessment and Management of Patients with Wounds due to Lower-Extremity Arterial Disease (LEAD) 420 Phyllis A. Bonham
- 23 Lower Extremity Neuropathic Disease 466 Myra Varnado
- 24 Differential Assessment of Lower Extremity Wounds 508 Dorothy Doughty and Laurie L. McNichol
- **25** Atypical Lower Extremity Wounds *515* Barbara Pieper
- 26 Foot and Nail Care 530 Michele (Shelly) Burdette-Taylor and Lynn Fong

27	Wounds Caused by	Infectious	Processes	558
	Freya van Driessche			

- **28** Wounds Caused by Dermatologic Conditions 573
 Ashwin Agarwal and Adela Rambi G. Cardones
- 29 Oncology-Related Skin and Wound Care 587
 Carole Bauer
- **30** Thermal Wounds: Burn and Frostbite Injuries 611

 Yvette Mier
- **Traumatic Wounds: Assessment and Management** 635

 David R. Crumbley and Lizabeth E. Andrew
- **32 Management of Surgical Wounds** *649 C. Tod Brindle and Suzanne Creehan*
- **33** Palliative Wound Care 690

 Kevin R. Emmons and Barbara A. Dale
- **34 Fistula Management** *704 Denise Nix and Ruth A. Bryant*
- Nursing Management of the Patient with Percutaneous Tubes 723

Jane Fellows and Michelle C. Rice

Glossary 734 Index 749