Table of contents

Foreword xi

Preface xiii

Acknowledgements xv

List of Contributors xvi

1 Surgical Complications 1 Luis M. Rubio-Martinez and Dean A. Hendrickson

2 Complications of Parenteral Administration of Drugs 10 *Julie E. Dechant*

3 Complications of Intravascular Injection and Catheterization 16 *Julie E. Dechant*

4 Complications of Endoscopy 25 *Julie E. Dechant*

5 Complications of Nasogastric Intubation 29 *Julie E. Dechant*

6 Complications of Fluid Therapy 36 *Angelika Schoster and Henry Stämpfli*

7 Complications Associated with Hemorrhage 57 *Margaret C. Mudge*

8 Complications of Blood Transfusion 64 *Margaret C. Mudge*

9 Complications Associated with Sutures 70 *Ian F. Devick and Dean A. Hendrickson*

10 Complications of Bone Graft Harvesting, Handling, and Implantation 79 *Lynn Pezzanite and Laurie R. Goodrich*

11 Complications of Cryosurgery 87 *Ann Martens*

12 Complications of Laser Surgery 95 *Kenneth E. Sullins*

13 Complications of Systemic Analgesic Drugs 109 Maria Amengual-Vila and Eva Rioja Garcia 14 Complications of Loco-Regional Anesthesia 118 *Eva Rioja Garcia*

15 Complications of Sedative and Anesthesia Medications 135 *Rachel C. Hector and Khursheed Mama*

16 Complications During Recovery from General Anesthesia 154 *Alexander Valverde*

17 Complications Associated with Surgical Site Infections 168 *Denis Verwilghen and J. Scott Weese*

18 Complications of Reconstructive Surgery 196 *Jacintha M. Wilmink and Debra C. Archer*

19 Complications of Excessive Granulation Tissue 204 *Jacintha M. Wilmink and Debra C. Archer*

20 Complications of Skin Neoplasia 212 Debra Archer and Jacintha M. Wilmink

21 Complications of Skin Grafting 222 Debra C. Archer and Jacintha M. Wilmink

22 Complications of Oral and Salivary Gland Surgery 233 *Patrick Martin Dixon and Richard J.M. Reardon*

23 Complications of Esophageal Surgery 254 *Louise L. Southwood*

24 Complications of Stomach Surgery 265 *Louise L. Southwood*

25 Complications of Splenic Surgery 272 *Eileen Sullivan Hackett*

26 Complications of Abdominal Approaches 279 Shauna P. Lawless and Eileen Sullivan Hackett

27 Complications of the Intraoperative Colic Patient 291 *Anje G. Bauck and David E. Freeman*

28 Complications of the Postoperative Colic Patient 310 *Louise L. Southwood*

29 Complications of Surgery of the Rectum and Anus 374 *Michael A. Spirito*

30 Complications of Abdominal Surgery: Incisional Hernia 378 *John P. Caron*

31 Complications of Equine Laparoscopy 391 Donna L. Shettko and Dean A. Hendrickson

32 Complications of Endoscopic Laser Surgery 404 *Jan F. Hawkins*

33 Complications Following Surgery of the Equine Nasal Passages and Paranasal Sinuses 413 *Lynn Pezzanite and Jeremiah T. Easley*

34 Complications of Pharynx Surgery 427 Norm G. Ducharme and Fabrice Rossignol

35 Complications of Larynx Surgery 438 Fabrice Rossignol and Norm G. Ducharme

36 Complications of Surgery for Diseases of the Guttural Pouch 468 *Anje G. Bauck and David E. Freeman*

37 Complications of Equine Tracheal Surgery 488 *John Peroni*

38 Complications of Equine Thoracic Surgery 491 *John Peroni*

39 Complications of Testicular Surgery 498 James Schumacher and Thomas O'Brien

40 Complications of Penile and Preputial Surgery 522 James Schumacher and Thomas O'Brien

41 Complications of Ovarian and Uterine Surgery 532 *James Schumacher and Thomas O'Brien*

42 Complications of Vulvar, Vestibular, Vaginal, and Cervical Surgery 550 *James Schumacher and Thomas O'Brien*

43 Complications of Urinary Surgery 571 Sara K.T. Steward and Luis M. Rubio-Martinez

44 Complications of Diagnostic Tests for Lameness 583 *Ellen R. Singer*

45 Complications of Synovial Endoscopic Surgery (Arthroscopy, Tenoscopy, Bursoscopy) 601

Troy N. Trumble and Michael C. Maher

46 Complications of Equine Orthopedic Surgery 629 *Kyla F. Ortved and Dean W. Richardson*

47 Complications of Surgery of the Equine Foot 667 *Britta S. Leise*

48 Complications of Surgical Correction of Angular Limb Deformities 683 *Robert Hunt and Amy M. Buck*

49 Complications of Surgical Correction of Flexural Limb Deformities 694 *Belinda Black and James R. Vasey*

50 Complications of Splint Bone Fractures 718 *Timothy Lescun*

51 Complications of Craniomaxillary and Mandible Fractures 730 *Timothy Lescun*

52 Complications of Tendon Surgery 739 *Roger K.W. Smith*

53 Complications of Muscle Surgery 757 *Brad Nelson*

54 Complications of Regenerative Medicine 769 *Ashlee E. Watts*

55 Complications of Osseous Cyst-Like Lesions 774 *Ashlee E. Watts*

56 Complications of Equine Ophthalmic Surgery 779 *Kate S. Freeman and Dennis E. Brooks*

57 Complications of Diagnostic Procedures of the Nervous System 815 *Laura Johnstone*

58 Complications of Anterior Cervical Fusion 826 Barrie DonLeo Grant

59 Complications of Surgery for Impingement of Dorsal Spinous Processes 833 *Luis M. Rubio-Martinez*

60 Complications of Peripheral Nerve Surgery 843 *Yvonne A. Elce*

Index 855