Contents

Part I  General

1  Should Recent Clinical Trials Change Perioperative Management in Patients with Cardiac Risk Factors? ........................... 3
Corey S. Scher

2  Should Real-Time Ultrasound Guidance Be Routinely Used for Central Venous Catheter Placement? ................................. 7
James Leonard

3  A Patient with Chronic Kidney Disease Is Coming to the Operating Room for an Emergent Procedure, Which Intravenous Fluid Do You Plan to Give Her? ........................................... 11
Jacob Tiegs and Arthur Atchabahian

4  Just Say NO to Nitrous! ......................................................... 15
Corey S. Scher

5  Closed-Loop Anesthesia: Wave of the Future or No Future? ...................... 19
Cedar J. Fowler and Howard Ching

6  Should Acute Respiratory Distress Syndrome (ARDS) Preventative Ventilation Be Standard in the Adult Operating Room? ................. 21
Samir Kendale

7  I Gave Rocuronium 3 Hours Ago, Do I Need to Reverse? .......................... 23
Daniel Kohut and Kevin Turezyn

8  How Do You Recognize and Treat Perioperative Anaphylaxis? ................. 25
Amit Prabhakar, Melville Q. Wyche III, Paul Delahoussaye, and Alan David Kaye

9  Is Monitored Anesthesia Care (MAC) Safe for All Cases? ................. 29
Kenneth M. Sutin and Jonathan Teets

10  Does Electrophysiology Really Have to Reprogram My Patient's Pacemaker Prior to Electroconvulsive Therapy? .................... 33
Ethan O. Bryson

11  When Can Transesophageal and Trans-Thoracic Echocardiography Be Useful in a Non-Cardiac Case? ............................. 35
Lisa Q. Rong

12  Should Antifibrinolytics Be Used in Patients Undergoing Total Joint Replacements? ...................................................... 39
Suzuko Suzuki

13  Will Operating Rooms Run More Efficiently When Anesthesiologists Get Involved in Their Management? .......................... 43
Steven D. Boggs, Mitchell H. Tsai, and Mohan Tanniru
<table>
<thead>
<tr>
<th>Article Number</th>
<th>Title</th>
<th>Authors</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td>Are Outcomes Better for Trauma Patients Who Are Treated Early with Clotting Factors?</td>
<td>Steven D. Boggs and Ian H. Black</td>
<td>49</td>
</tr>
<tr>
<td>15</td>
<td>Should Cerebral Oximetry Be Employed in Morbidly Obese Patients Undergoing Bariatric Surgery?</td>
<td>David Porbunderwala</td>
<td>53</td>
</tr>
<tr>
<td>16</td>
<td>Is Normal Saline Solution the Best Crystalloid for Intravascular Volume Resuscitation?</td>
<td>Saad Rasheed</td>
<td>55</td>
</tr>
<tr>
<td></td>
<td><strong>Part II Cardiac</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Should Local Anesthesia with Conscious Sedation Be Considered the Standard of Care Over General Anesthesia for Transcatheter Aortic Valve Replacement via the Transfemoral Approach?</td>
<td>Glen D. Quigley and Jennie Y. Ngai</td>
<td>59</td>
</tr>
<tr>
<td>18</td>
<td>Should Antiplatelet Therapy Be Stopped Preoperatively in a Patient with Coronary Artery Stents?</td>
<td>Caitlin J. Guo and Katherine Chuy</td>
<td>63</td>
</tr>
<tr>
<td>19</td>
<td>Is Extubating My Cardiac Surgery Patient Postoperatively in the Operating Room a Good Idea?</td>
<td>Joseph Kimmel and Peter J. Neuburger</td>
<td>67</td>
</tr>
<tr>
<td>20</td>
<td>Is a Pulmonary Artery Catheter Needed If You Have Transesophageal Echocardiography in a Routine Coronary Artery Bypass Grafting?</td>
<td>Christopher Y. Tanaka and John Hui</td>
<td>71</td>
</tr>
<tr>
<td>21</td>
<td>When Should You Transfuse a Patient Who Is Bleeding After Cardiopulmonary Bypass?</td>
<td>Cindy J. Wang</td>
<td>75</td>
</tr>
<tr>
<td>22</td>
<td>Neuraxial Versus General Anesthesia in a Patient with Asymptomatic Severe Aortic Stenosis</td>
<td>Patrick B. Smollen and Arthur Atchabahian</td>
<td>79</td>
</tr>
<tr>
<td>23</td>
<td>Should High-Risk Cardiac Patients Receive Perioperative Statins?</td>
<td>Himani V. Bhatt</td>
<td>81</td>
</tr>
<tr>
<td>24</td>
<td>Cardiopulmonary Bypass Cases: To Hemodilute or Not?</td>
<td>Nicole R. Guinn</td>
<td>83</td>
</tr>
<tr>
<td>25</td>
<td>Are Seizures Really a Problem After the Use of Antifibrinolytics?</td>
<td>Dmitry Rozin and Madelyn Kahana</td>
<td>85</td>
</tr>
<tr>
<td>26</td>
<td>Is Regional Anesthesia for Cardiac Surgery a Good Idea?</td>
<td>M. Megan Chacon</td>
<td>87</td>
</tr>
<tr>
<td>27</td>
<td>Are Surgical and Anesthesia Medical Missions in Low- and Middle-Income Countries Helping or Hurting? The Evolving Fields of Global Anesthesia and Global Surgery</td>
<td>Jamey Jermaine Snell</td>
<td>89</td>
</tr>
<tr>
<td></td>
<td><strong>Part III Thoracic</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>28</td>
<td>Can Oxygenation in Single-Lung Thoracic Surgery Be Affected by Inhibition of Hypoxic Pulmonary Vasoconstriction?</td>
<td>Rebekah Nam</td>
<td>95</td>
</tr>
</tbody>
</table>
Part V Obstetric

45 Which Is Safer: A Traditional Epidural or a Combined Spinal Epidural? ............................................... 153
Juan Davila-Velazquez and Jeffrey Bernstein

46 When Should a Patient Undergoing Dilation and Evacuation of Products of Gestation Be Intubated? ...................... 155
Barbara Orlando, Agnes McNamara Lamon, and Migdalia Saloum

47 Two Blood Patches Have Failed. Now What? ......................... 157
Alexander Sinofsky and Arthur Atchabahian

48 Should a Spinal Be Used for Surgical Anesthesia After a Failed Labor Epidural? ........................................ 161
Antonio Gonzalez Fiol and Suzanne K.W. Mankowitz

49 Accidental Dural Puncture: Should an Intrathecal Catheter Be Threaded? ........................................ 165
Katherine Chuy and Shruthima Thangada

50 Should Intraoperative Cell Salvage Be Used During Cesarean Delivery? ........................................ 169
Alaeldin A. Darwich and Sharon E. Abramovitz

51 Should Damage Control or Traditional Resuscitation Be Used for Abnormal Placentation Cases? .......................... 173
Anna Korban, Antonio Gonzalez Fiol, and Stephanie R. Goodman

52 Managing the Noncompliant HIV-Positive Mother: A PRO/CON Debate ......................................................... 177
Simon Kim and Corey S. Scher

Part VI Neuroanesthesia

53 At What Hematocrit Should a Patient Who is Undergoing Craniotomy for Tumor be Transfused? ......................... 183
Mark Burbridge

54 Traumatic Brain Injury: Where Do We Stand with Ketamine and Hyperventilation? ........................................ 185
Corey S. Scher

55 Is General Anesthesia or Conscious Sedation More Appropriate for Patients Undergoing Endovascular Clot Retrieval for Acute Ischemic Stroke? ........................................ 189
Elina Abramchayeva and Jinu Kim

56 Tranexamic Acid for Major Spine Surgery ........................................ 193
Sergey Pisklakov

57 Should Major Spine Surgery Patients Be Extubated in the Operating Room? ........................................ 197
A. Elisabeth Abramowicz

58 General Anesthesia for Intra-arterial Stroke Treatment (Endovascular Mechanical Thrombectomy): Still Needed or a Thing of the Past? ...................................... 201
A. Elisabeth Abramowicz
75 Is There Any Advantage to Albumin Over Crystalloid for Volume Resuscitation? ........................................... 261
Michael J. Naso

76 There Is Nothing Dexmedetomidine Does that Cannot Be Done Old School .................................................. 265
Hersh Patel

77 Does Treating Systemic Inflammatory Response Syndrome Lead to Better Outcomes in Surgical Patients? .................. 269
Nader Soliman

78 Should Mechanically Ventilated Intensive Care Unit Patients Receive Physical Therapy? .................................. 271
Jonathan V. Feldstein

Part IX Ambulatory

79 Should Persistent Postoperative Nausea and Vomiting Delay Discharge of an Ambulatory Surgery Patient from the Post-anesthesia Care Unit? . . . 275
David Shapiro and Andrew Goldberg

80 Should We Postpone Surgery in Patients with Uncontrolled Preoperative Hypertension? .................................. 279
Kristina Natan and Arthur Atchabahian

81 Should the Morbidly Obese Patient Be Allowed to Leave the Day of Surgery? ............................................... 281
Christopher J. Curatolo and Andrew Goldberg

82 Should Complementary and Alternative Medicine (CAM) Be Used for the Treatment of Postoperative Pain Following Ambulatory Surgery? ........... 285
Dennis Grech, David Kam, and Preet Patel

83 Pros and Cons of a Freestanding Ambulatory Surgery Center (ASC) Versus a Hospital-Based Operating Room .................. 289
Dennis Grech, Preet Patel, and David Kam

Part X Acute Pain

84 Can a Regional Anesthetic Affect the Development of Phantom Limb Pain? .................................................... 295
Christopher DeNatale

85 Charcot–Marie–Tooth Disease and Regional Anesthesia: Is Perioperative Neuraxial Analgesia Really Contraindicated? ............................ 297
Magdalena Anitescu

86 Positional Headache Without a Previous Lumbar Puncture: Would a Blood Patch Be Useful? ................................ 299
Magdalena Anitescu

87 Single-Dose Epidural Morphine or Patient-Controlled Epidural Analgesia (PCEA) for Post-Cesarean Pain Control? .................. 301
Lucia Daiana Voiculescu, Olga Eydlin, and Joseph Thomas Largi

88 Is Opioid Avoidance Warranted for a Patient with Obstructive Sleep Apnea in the Postoperative Period? ...................... 305
Lucia Daiana Voiculescu and Olga Eydlin
Part XI  Regional

89  Is Spinal or Epidural Anesthesia Contraindicated in a Patient with Multiple Sclerosis? ................................. 311
    Uchenna O. Umeh

90  The Scanner, the Twitcher, or Both: How Best to Perform Peripheral Nerve Blocks? ................................. 313
    Junping Chen

91  Do We Know the Mechanism of Intravenous Lipid Emulsion (ILE) Therapy for High Blood Levels of Local Anesthetics? ................................. 317
    Olga Ferreira Martins

92  Secrets Behind Keeping Your Block Catheter Working ................................. 319
    Minda L. Patt

93  Is an Indwelling Neuraxial or Peripheral Nerve Catheter Safe in a Trauma Patient Who Needs Twice-Daily Low Molecular Weight Heparin? ................................. 323
    Brooke Albright-Trainer and Robert Trainer

94  Awake or Asleep: Can Regional Nerve Blocks Be Safely Performed in the Heavily Sedated or Asleep Patient? ................................. 327
    Shawna Dorman

95  Intraneural Injection: A Good Idea or not? ................................. 331
    Jan Boublik

96  Is a Transversus Abdominis Plane (TAP) Block Better Than Surgical Field Infiltration? ................................. 333
    Beamy Sharma, Uchenna O. Umeh, and Shruthima Thangada

97  Is Point-of-Care (POC) Coagulation Testing Worthwhile Before Regional or Neuraxial Anesthesia? ................................. 337
    Paul Shekane

98  Should a Peripheral Nerve Block Be Placed in an Anticoagulated Patient? ................................. 339
    Kiwon Song and Katherine Chuy

99  Are the Benefits of Stimulating Peripheral Nerve Block Catheters Worth the Risks? ................................. 343
    Agathe Streiff and Junping Chen

Part XII  Chronic Pain

100 Epidural Steroid Injection or Physical Therapy for Lumbosacral Radiculopathy Due to Disc Herniation? ................................. 349
    Ryan T. Gualtieri

101 Should a Trial of Epidural Steroid Injections Be Done Before Considering Spine Surgery? ................................. 353
    Lori Russo

102 Epidural Steroid Injection for Unilateral Radicular Pain: Is the Transforaminal Approach Superior to Interlaminar Injection? ................................. 357
    Lucia Daiana Voiculescu, Tomas J. Kucera, and Angela Zangara

103 Is a Tricyclic Antidepressant the Best First-Line Agent in Treating Neuropathic Pain? ................................. 361
    Dalia H. Elmofty
104 What are the Risks and Benefits of Spinal Cord Stimulators and Intrathecal Pumps? ......................................................... 363
Magdalena Anitescu and Nirali Shah-Doshi

105 How Do You Determine If a Patient has Opioid-Induced Hyperalgesia? .................. 367
Dalia H. Elmofty

106 Can Acute and Chronic Postsurgical Pain Be Decreased with Perioperative Neuropathic Agents? ........................................ 369
Omar Rashid Qureshi and Sheetal Patil

107 Is Urine Drug Testing a Good Idea for Patients on Chronic Opioid Therapy? ................. 373
Chirag D. Shah, M. Fahad Khan, and David S. Cheng

108 Dexamethasone: To Use or Not To Use—That is the Question ................................. 377
Lucia Daiana Voiculescu and Rahul Pathak

109 Should Opioid Analgesics Be Used for Managing Pain in a Patient with a Drug Addiction? .................................................. 381
Tiffany Sou

110 Is Sympathetic Blockade Useful in Complex Regional Pain Syndrome (CRPS)? .............. 383
Tomas Kucera and Floria Chae

Part XIII Trauma

111 Is Pulse Pressure Variation More Accurate Than Central Venous Pressure (CVP) or Pulmonary Artery Pressure (PAP) for Volume Resuscitation? .......... 389
Corey S. Scher

112 What Is the Best Management Strategy for Venous Air Embolism? .......................... 393
Amit Prabhakar and James Riopelle

113 Does Cerebral Oximetry Have an Important Role in Trauma? .................................. 397
Corey S. Scher

114 Should New Trauma Paradigms Be Used in the Care of the Severe Trauma Patient? .......... 401
Corey S. Scher

Part XIV Perioperative

115 Do Herbal Supplements Create Unnecessary Risk for Patients? ................................. 407
Mark R. Jones, Francisco Calixto, and Alan David Kaye

116 How Much Evaluation of the Airway Is Essential Prior to Anesthesia? ....................... 411
Levon M. Capan, Sanford M. Miller, and Corey S. Scher

117 Are There Concerns with Using Droperidol for Sedation for an Awake Fiberoptic Intubation? ................................................. 415
Corey S. Scher

118 Do Special Measures—Such as Postoperative CPAP, a Prolonged PACU Stay, and PACU EtCO2 Monitoring—Improve the Outcome in a Patient with Obstructive Sleep Apnea? ........................................ 419
Brent J. Luria
## Contents

### Part XV  Professionalism

119  **Do not Resuscitate: What Does that Mean Perioperatively?**  
   Elizabeth A.M. Frost  
   425

120  **Should a Trainee Be Allowed to Return to Anesthesiology**  
   **After Narcotic Diversion and Presumed Addiction?**  
   Corey S. Scher  
   429

121  **Should Anesthesia Personnel Be Subject to Mandatory Drug Testing?**  
   Thor Lidasan and Judy Chang  
   431

122  **Does Returning a Recovered Addicted Physician to Active**  
   **Anesthesiology Practice Do More Harm Than Good?**  
   Judy Chang and Thor Lidasan  
   435

123  **Does Disruptive Behavior Among Anesthesia Care Providers**  
   **Decrease Patient Safety?**  
   Sergey Pisklakov  
   439

124  **Is Burnout Among Anesthesiologists a Humbug or a Real Entity?**  
   Sergey Pisklakov  
   443

125  **The Tumor Is Inoperable: Tell the Patient or Punt to the Surgeon?**  
   Elizabeth A.M. Frost  
   447

126  **What Is the Role of Pain Physicians in the Opioid Epidemic?**  
   Nicholas J. Bremer  
   449

**Index**  
453
You're Wrong, I'm Right
Dueling Authors Reexamine Classic Teachings in Anesthesia
Scher, C.S.; Clebone, A.; Miller, S.M.; Roccaforte, J.D.; Capan, L.M. (Eds.)
2017, XXVI, 457 p. 4 illus., 1 illus. in color., Softcover
ISBN: 978-3-319-43167-3