Contents

List of Contributors ix
Preface xiii
Acknowledgements xv

Part One Addictive Disorders and Medicine 1
1 Addictive Disorders as an Integral Part of the Practice of Medicine 3
   Norman S. Miller and Mark S. Gold
2 Crime, Substance Use, and Mental Illness 15
   Joel M. Silberberg, Milap A. Nowrangi, and Geetha Nampiaparampil
3 Ethical Issues in Addiction Medicine 31
   Roberta Springer Loewy
4 Natural History of Addictive Diseases 53
   Steven A. Branstetter and Sabina Low
5 Prevention Methods: School, Family, Community, Media and Public Policy Approaches 73
   Karol L. Kumpfer and Paula Smith

Part Two Assessment and Diagnosis 97
6 Screening and Diagnosis of Substance Use Disorders 99
   Norman G. Hoffman
7 Clinical Pharmacology of Addicting Drugs 107
   Jiang Liu and Hartmut Derendorf
8 Laboratory Diagnosis of Addicting Drugs 125
   K.P. Gunaga and Satheesh Gunaga
9 Cutaneous Manifestations of Drug Addiction 143
   Kendra Gail Bergstrom and Miguel R. Sanchez
<table>
<thead>
<tr>
<th>Chapter</th>
<th>Title</th>
<th>Author(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>Addictive Disorders in Primary Care Medicine</td>
<td>Robert Mallin</td>
</tr>
<tr>
<td>11</td>
<td>Addictive Disorders in the Intensive Care Unit</td>
<td>Tracy R. Luckhardt and Robert C. Hyzy</td>
</tr>
<tr>
<td>12</td>
<td>Addictive Disorders in Trauma Center Patients</td>
<td>Mary C. McCarthy and Kathryn M. Tchorz</td>
</tr>
<tr>
<td>13</td>
<td>Addictive Disorders in Psychiatric Medicine</td>
<td>Christine Yuodelis-Flores, W. Murray Bennett, Charles Meredith, and Richard Ries</td>
</tr>
<tr>
<td>14</td>
<td>Addiction and Short-Term Pain Management</td>
<td>Steven D. Passik, Lauren J. Rogak, Tatiana D. Starr, and Kenneth L. Kirsh</td>
</tr>
<tr>
<td>15</td>
<td>Prescription Opiate Medications: Clinical Assessment and Treatment of Tolerance and Dependence</td>
<td>Norman S. Miller, Lucy Chen, and Jianren Mao</td>
</tr>
<tr>
<td>16</td>
<td>Substance Addiction and HIV Infection: Scope of the Problem and Management</td>
<td>Gabriel Sarah, Clifford Martin, Myles Stone, Carol Schneiderman, and Stephen A. Klotz</td>
</tr>
<tr>
<td>17</td>
<td>Addictive Disorders in Cardiovascular Medicine</td>
<td>Alan H. Gradman and Nosheen Javed</td>
</tr>
<tr>
<td>18</td>
<td>Alcohol Use and Diseases of the Eye</td>
<td>Yoshimune Hiratsuka</td>
</tr>
<tr>
<td>19</td>
<td>Addictive Disorders in Nutritional Diseases - From an Addictions Viewpoint</td>
<td>James A. Cocores, Noni A. Graham, and Mark S. Gold</td>
</tr>
<tr>
<td>20</td>
<td>Addictive Disorders in Nutritional Diseases - From a Nutritional Viewpoint</td>
<td>Jennifer A. Nasser, Jessica B. Leitzsch, and Kiran Patel</td>
</tr>
<tr>
<td>21</td>
<td>Gastrointestinal Diseases Associated with Substance Addiction</td>
<td>Paul S. Haber and Abdullah Demirkol</td>
</tr>
<tr>
<td>22</td>
<td>Addictive Disorders in Malignant Diseases</td>
<td>Thomas J. Guzzo and Mark L. Gonzalgo</td>
</tr>
<tr>
<td>23</td>
<td>Substance Addiction and Gastrointestinal Malignancy</td>
<td>Jason T. Hedrick and James R. Ouellette</td>
</tr>
<tr>
<td>24</td>
<td>Renal Manifestations of Recreational Drug Use</td>
<td>Garland A. Campbell, W. Kline Bolton, and Mitchell H. Rosner</td>
</tr>
<tr>
<td>25</td>
<td>Addictive Disorder in Urological Diseases</td>
<td>Herman S. Bagga and Adam W. Levinson</td>
</tr>
</tbody>
</table>
Part Four Management of Addictive Disorders in Selected Populations

26 Management of Addictive Disorders in Medical Nursing Care Populations
   Kathleen L. Becker and Benita J. Walton-Moss

27 Management of Addictive Disorders in Surgical Nursing Care Practice
   Phyllis J. Mason

28 Addictive Disorders in Psychology Practice
   Lisa J. Merlo

29 Addictive Disorders in Diseases of Women
   Deborah V. Gross, C. Chapman Sledge, and Ellen A. Ovson

30 Children and Adolescents with ADHD: Risk and Protective Factors for Addictive Disorders
   Larry Gray, Jennifer J. Park, and Michael E. Msall

31 Addictive Disorders in the Elderly
   Andrea Bial

Part Five Treatment of Addictive Disorders

32 Pharmacological Therapeutics for Detoxification in Addictive Disorders
   Firas H. Kobeissy, Carolina F. Braga, Noni A. Graham, and Mark S. Gold

33 Pharmacological Therapeutics for Relapse Reduction in Addictive Disorders
   Lisa J. Merlo, Kimberly G. Blumenthal, Kendall Campbell, Morrow Omli, and Mark S. Gold

34 Psychosocial Treatments for Addictive Disorders: Models, Settings, and Important Roles for Referring Physicians
   John McKellar, John Finney, and Rudolf Moos

35 Treatment Models for Comorbid Psychiatric and Addictive Disorders
   Jon D. Kassel, Adrienne J. Heinz, Daniel P. Evatt, and Ashley R. Braun

36 Brief Interventions for Alcohol and Drug Problems
   Kristen L. Barry, Laurie Brockmann, and Frederic C. Blow

37 Treatment Outcomes for Addictive Disorders
   Erin L. Winstanley, Shannon K. Bolon, and Marc Fishman

38 Biopsychosocial Recovery from Addictive Disorders
   Sara Jo Nixon and Robert A. Prather

Index