

FOREWORD

Ron Wintrob

PREFACE

Mario Incayawar

THE NATURE OF PAIN & PSYCHIATRIC COMORBIDITY

1. The Need to Fathom the Overlapping Pain and Psychiatric Syndromes

Mario Incayawar

2. Recognizing the Co-occurrence of Chronic Pain and Mental Illness

Jan Jaracz

3. Glial Cells and Pro-inflammatory Cytokines as Shared Neurobiological Bases for Chronic Pain and Psychiatric Disorders

Judith A. Strong, Sang Won Jeon, Jun-Ming Zhang, and Yong-Ku Kim

4. Shared Brain Synaptic Mechanisms of Pain and Anxiety: Insight from Preclinical Studies

Ipek Yalcin and Min Zhuo

5. The Epigenetic Bridge between Stress, Chronic Pain, and Psychiatric Disorders

Sioui Maldonado-Bouchard and Mario Incayawar

DIAGNOSTIC ISSUES

6. Identifying and Assessing Overlapping Chronic Pain and Mental Illness

Glenn J. Treisman

7. Assessment and Monitoring of Patients with Chronic Pain and Co-Occurring Substance Use and Abuse

Jon Streltzer

8. Psychometrics for Detecting Pain-Related Malingering

Blake H. Tearnan

9. Neuroimaging Correlates for Psychological and Chronic Pain Experiences

John A. Sturgeon and Katherine T. Martucci

PAIN SYNDROMES AND PSYCHIATRIC COMORBIDITIES

10. Navigating the Pain and Suicide Conundrum

Martin D. Cheatle, Simmie Foster, and Nicole Tang

11. Depression and Anxiety as Risk Factors for Temporomandibular Joint Disorder - A German Perspective
Stefan Kindler and Marike Bredow-Zeden

12. Recognizing the Psychiatric Burden of Anxiety and Depression in Children with Headache, Chest, and Abdominal Pain
Susan T. Tran, Ana B. Goya Arce, and Anjana Jagpal

13. Exploring Pain Conditions in Schizophrenia and Bipolar Disorder
Mael Gagnon-Mailhot; Janie Damien; Vincent Pelland; and Serge Marchand

14. Posttraumatic Stress Disorder and Chronic Pain in the Military
Renée El-Gabalawy, Pamela L. Holens, Jordana Sommer, and Rachel Roy.

15. The Clinical Neuroscience of the Insomnia-Fibromyalgia Link: An Overview for Clinicians
Christina S. McCrae, Ashley Curtis, and Daniel B. Kay

16. Alcohol and Chronic Pain: Shared Neural Circuits and Clinical Features
Tessa Frohe, Benjamin Berey, Katie Witkiewitz, Elizabeth McCallion, and Kevin E. Vowles

17. Catastrophizing in Comorbid Chronic Pain and Mental Illness: A Primer for Clinicians
Cynthia Townsend and Donald Townsend

18. Untangling Comorbid Irritable Bowel Syndrome and Psychiatric Disorders
Mihaela Fadgyas Stanculete and Dan L. Dumitrascu

19. The Many Faces of Chronic Urogenital Pain: Vulvodynia and Psychiatric Comorbidities
Bernard L. Harlow, Miriam J. Haviland, and Sophie Bergeron

20. Understanding and Managing Personality Disorders in Chronic Pain
James N. Weisberg, Channing Twyner, and Christopher Paul

21. Pain and Comorbid Psychiatric Illnesses in the Elderly: A Fitful Marriage and Its Management
Mellar P. Davis and John Shuster Jr.

22. Does Self-injury Hurt? Understanding the Experience and Potential Functions of Pain in Self-injury
Amy Kranzler, Kara B. Fehling, Julia Brillante, and Edward A. Selby

TREATMENT STRATEGIES

23. Innovative Management of Chronic Pain and Psychiatric Comorbidities

J. Gregory Hobelmann and Michael R. Clark

24. Acknowledging the Clinical Effects of Words in Pain Medicine and Psychiatry

Lise Bouchard and Mario Incayawar

25. Detecting and Managing the Untreated Pain in Dementia

Anne Corbett

26. Effective Management of Pain in Autism Spectrum Disorders and Intellectual Disability

Djea Saravane

PAIN MEDICINE, PSYCHIATRY, AND SOCIETY

27. Cultural Spectrum of Chronic Pain and Somatization Syndromes: Indian Experiences

Geetha Desai, Santosh K. Chaturvedi, and Dinesh Bhugra

28. Jaki, a Puzzling Inca Syndrome of Comorbid Pain and Mental Illness

Mario Incayawar

29. Taming Artificial Intelligence in Psychiatry and Pain Medicine- Promises and Challenges

Usef Faghihi, Sioui Maldonado-Bouchard, Mario Incayawar