

Contents

Part I Introduction to Substance Abuse

- 1 Characterization of Substance Dependence** 3
Lúcio Garcia de Oliveira, Frederico Eckschmidt
and Gabriela Arantes Wagner
- 2 Neurobiology of Substance Abuse** 17
André Bedendo, André Luiz Monezi Andrade and Ana Regina Noto

Part II Innovations in The Treatment of Substance Addiction

- 3 What Can We Expect from the Pharmacological Treatments
for Dependences Presently Available?** 37
Luis Pereira Justo
- 4 Use of Herbal Medicine to Treat Drug Addiction** 51
Fúlvio Rieli Mendes and Dianne da Rocha Prado
- 5 EMDR Therapy and the Treatment of Substance Abuse
and Addiction** 69
Susan Brown, Julie Stowasser and Francine Shapiro
- 6 Mindfulness and Substance Abuse** 101
Elisa Harumi Kozasa, Isabel Cristina Weiss de Souza,
Víviam Vargas de Barros and Ana Regina Noto
- 7 Micro- and Macronutrients on Dependence** 119
Juçara Xavier Zaparoli
- 8 How Do Interventions and Brief Psychotherapies Work?
Evaluating the Change Processes in Drug User's Interventions.** . . . 129
Laisa Marcorela Andreoli Sartes, Erica Cruvinel
and Maira Leon Ferreira

9	Web-Based Interventions for Substance Abuse	151
	Michael P. Schaub	
10	An Open Uncontrolled Pilot Trial of Online Cognitive-Behavioral Therapy for Insomnia for Ukrainian Alcohol-Dependent Patients	165
	Olena Zhabenko, Nataliya Zhabenko, Deirdre A. Conroy, Oleg Chaban, Anna Oliinyk, Iryna Frankova, Alexander Mazur, Kirk J. Brower and Robert A. Zucker	
11	The Effect of Laying-on of Hands on the Substance Abuse	183
	Ricardo Monezi, Adriana Scatena and André Luiz Monezi Andrade	
12	The Effects of Yoga on Substance Abuse	193
	Rui Ferreira Afonso	
13	Physical Exercise and Treatment of Addiction	201
	Andrea Maculano Esteves, Paulo Daubian Rubini dos Santos Nosé and Marco Tulio de Mello	
14	Neurofeedback and Substance Abuse Disorder	213
	Fateme Dehghani-Arani	
	Erratum to: Neurobiology of Substance Abuse	E1
	André Bedendo, André Luiz Monezi Andrade and Ana Regina Noto	
	Index	231

Innovations in the Treatment of Substance Addiction

Andrade, A.L.M.; De Micheli, D. (Eds.)

2016, XV, 238 p. 17 illus., Hardcover

ISBN: 978-3-319-43170-3