Contents

Executive Summary viii
Aim, Objectives and Methods xx
Glossary of Key Naturopathic Terms xxv
List of Figures xxvii
List of Tables xxviii

Section 1: Foundational Basis of the Naturopathic Profession 1

Chapter 1 Naturopathic Practice 3
  Iva Lloyd, Tina Hausser

Chapter 2 Naturopathic Philosophies and Principles 8
  Iva Lloyd, Tina Hausser, Stephen Myers

Chapter 3 Naturopathic Theories 15
  Stephen Myers, Iva Lloyd, Tina Hausser

Section 2: Naturopathic Professional Formation by WHO Region 19

Chapter 4 Landscape of Naturopathy by WHO Region 21
  Iva Lloyd, Tina Hausser

Chapter 5 Regulation of the Naturopathic Workforce 28
  Iva Lloyd, Jill Dunn, Jon Wardle

Chapter 6 Educational Standards for the Naturopathic Workforce 58
  Iva Lloyd, Tina Hausser, Jill Dunn

Section 3: Practice and Implementation of Naturopathy in Health Care Systems 69

Chapter 7 Safety and Risks of Naturopathic Practice 71
  Jon Wardle

Chapter 8 Economics of Naturopathic Care 79
  Jon Wardle

Chapter 9 International Survey of Naturopathic Patients and Practices 84
  Amie Steel, Hope Foley, Ryan Bradley, Claudine Van De Venter,
  Iva Lloyd, Janet Schloss, Jon Wardle, Rebecca Redmond

Chapter 10 International Prevalence of Consultations with a Naturopath/Naturopathic Doctor 91
  Amie Steel, Andy McLintock, Janet Schloss, Holger Cramer, Rebecca Redmond,
  Joshua Goldenberg, Matthew Leach, Joanna Harnett, Claudine Van De Venter,
  Ryan Bradley, Jason Hawrelak, Kieran Cooley, Brenda Leung, Jon Wardle

Chapter 11 Access and Equity in Naturopathic Care 99
  Iva Lloyd, Sophia Gerontakos, Valentina Cardozo
Chapter 12 Community Education and Health Promotion Activities of Naturopaths/Naturopathic Doctors
Amie Steel, Iva Lloyd

104

Chapter 13 Mobilization of Knowledge and Information in Naturopathic Clinical Practice
Amie Steel, Matthew Leach, Caragh Brosnan, Vicky Ward, Iva Lloyd

108

Section 4: Naturopathic Research

Chapter 14 Researching Naturopathy as a Traditional System of Medicine
Rebecca Redmond, Kim Graham, Amie Steel

113

Chapter 15 Challenges and Advancements for Naturopathic Clinical Research
Janet Schloss, Erica McIntyre, Amie Steel, Ryan Bradley, Joanna Harnett, Rebecca Redmond, Jason Hawrelak, Joshua Goldenberg, Claudine Van De Venter, Kieran Cooley

115

Chapter 16 Research Dissemination by the Global Naturopathic Research Community
Amie Steel, Hope Foley, Jasmine D'Souza, Jon Adams, Jon Wardle, Iva Lloyd

121

Section 5: Effectiveness of Naturopathic Clinical Practice

Chapter 17 Cancer and Cancer-related Conditions
Janet Schloss, Danielle Brown, Dugald Seely

128

Chapter 18 Cardiovascular Conditions
Hayleigh Ast, Iva Lloyd, Ryan Bradley

133

Chapter 19 Complex Immune Conditions
Iva Lloyd, Amie Steel, Paul Saunders

140

Chapter 20 Endocrine Conditions
Nini Callan, Kieran Cooley

143

Chapter 21 Gastrointestinal Conditions
Sharon Erdrich, Joanna Harnett

190

Chapter 22 Mental Health Conditions
Robert Kachko, Madeleine Tuson-Turner

202

Chapter 23 Musculoskeletal Conditions
Brice Thompson, Holger Cramer

214

Chapter 24 Neurological Conditions
Paul Saunders, Holger Cramer, Iva Lloyd, Jon Wardle

238

Chapter 25 Skin Conditions
Iva Lloyd, Amie Steel

254

Chapter 26 Women's Health Conditions
Deborah Kennedy, Amie Steel

278

Chapter 27 Other Conditions
Amie Steel, Iva Lloyd

313

Chapter 28 Other Research Publications Related to Health Conditions
Amie Steel, Iva Lloyd

332

Chapter 29 Other Research Publications Related to Naturopathic Research
Amie Steel, Iva Lloyd

338

Chapter 30 Other Research Publications Related to Naturopathic Clinical Practice
Amie Steel, Iva Lloyd

357

Chapter 31 Other Research Publications Related to Naturopathic Education
Amie Steel, Iva Lloyd

369
Section 6: Research on Naturopathic Therapeutics and Practices

Chapter 29 Complex Naturopathic Interventions
Jenny Carè, Catherine Smith, Abed Burgos-Arias, Dugald Seely

Chapter 30 Applied Nutrition
Monique Aucoin

Chapter 31 Clinical Nutrition
Janet Schloss, Amie Steel, Nicole Hannan

Chapter 32 Herbal Medicine
Paul Saunders, Iva Lloyd, Eric Yarnell

Chapter 33 Lifestyle Modification
Jerome Sarris, Najwa-Joelle Metri

Chapter 34 Mind-Body Medicine Counselling
Holger Cramer

Chapter 35 Naturopathic Physical Medicine
Tom Greenfield, Iva Lloyd

Chapter 36 Hydrotherapy
Tom Greenfield

Chapter 37 Acupuncture
Brenda Leung, Daniella Remy, Tom Greenfield

Chapter 38 Yoga
Tanya Morris, Nozomi Gonzalez, Naveen Visweswaraih, Manjunath NK

Chapter 39 Optimizing Pharmaceutical-based Interventions
Joanna Harnett

Chapter 40 Other Research Publications Regarding Naturopathic Therapies and Practices
Amie Steel, Iva Lloyd

Section 7: Discussion

Chapter 41 Discussion
Jon Wardle, Amie Steel, Iva Lloyd

Appendices

Appendix I: Observational Studies Published by Naturopathic Researchers
Appendix II: Systematic Reviews and Meta-Analyses Published by Naturopathic Researchers
Appendix III: Abbreviations
Appendix IV: Contributors
Appendix V: Reviewers from the global naturopathic community
Appendix VI: World Naturopathic Federation Publications and Policy Statements