

TABLE OF CONTENTS – Integrative Veterinary Medicine

Contents

List of Abbreviations

About the Editors

List of Contributors

Preface

Section I Basic Concepts 1

Mushtaq A. Memon

1 Introduction to Integrative Veterinary Medicine 3

Mushtaq A. Memon

2 Applications of Evidence-based Medicine to IVM and Current Controversies 10

Roselle Hartwigsen

3 Integration of Complementary Therapies with Conventional Therapy: Multimodal Approach 15

John A. Perdrizet

Section II Acupuncture 23

Huisheng Xie

4 Anatomy and Physiology of Acupuncture 25

Emily Mangan

5 Traditional Chinese Medical Foundation of Veterinary Acupuncture 32

Emily Mangan

6 Integrative Acupuncture: Clinical Approaches and Current Scientific Literature 42

Emily Mangan

Section III Manual Therapies 55

Marilyn Maler

7 Veterinary Manipulative Therapy: Neurology, Biomechanics, and Available Evidence 57

Marilyn Maler

8 Massage Therapy and Myofascial Principles 63

Marilyn Maler

Section IV Botanical and Herbal Therapies 71

Signe Beebe

9 Herbal Medicine – Origins and Major Systems of Herbal Therapy with Selected Evidence-based Interventions 73

Signe Beebe

10 Herbal Medicine Regulation, Adverse Events, and Herb-Drug Interactions 79

Signe Beebe

Section V Integrative Nutrition 85

Laura Gaylord

11 Novel Trends in Nutrition: Pet Food Categorization, Owner Perception and Current Marketing 87

Donna Raditic and Laura Gaylord

12 Integrative Nutrition in Select Conditions: Obesity, Performance, Physical Rehabilitation 94

Laura Gaylord and Donna Raditic

Section VI Physical Rehabilitation 103

Janice Huntingford

13 Introduction to Rehabilitation 105

Ronald B. Koh and Janice Huntingford

14 Common Therapeutic Modalities in Animal Rehabilitation 113

Ronald B. Koh and Janice Huntingford

15 Modalities Used in Rehabilitation—Land and Aquatic Exercises 134

Ronald B. Koh and Janice Huntingford

16 Integrative Treatment of Common Musculoskeletal and Neurological Conditions
144

Ronald B. Koh and Janice Huntingford

Section VII Additional Complementary Therapies 157

Mushtaq A. Memon

17 Ayurveda 159

Tejinder Sodhi and Rupali Sodhi

18 Veterinary Ozone and Prolotherapy 165

Signe Beebe

Section VIII Integration of Complementary Therapies in Clinical Practice 173

Judith E. Saik

19 Integrative Approach to Cardiovascular Disease 175

Kristina M. Erwin

20 Integrative Pain Management 182

Carolina Medina

21 Integrative Approach to Neurology 190

Patrick Roynard

22 Integrative Oncology 205

Kendra Pope

23 Integrative Management of Abnormal Small Animal Behavior 221

Cynthia McDowell

24 Clinical Application of Chinese Herbal Medicine 229

Judith E. Saik

25 Case Based Approach to Integrative Veterinary Practice 236

Mitchell McKee

26 Clinical Application of Integrative Veterinary Medicine in Equine Practice 251

Amelia Munsterman

Index 257.