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Cross-References -- References -- 2 Brain-Heart Communication -- Introduction -- Evidence of Heart-Brain Interactions: The Hardware -- The Signaling Pathways: The Software -- Reflexes and Modulators: A Complex Network Affecting Cardiac Function -- The Baroreceptor Reflex -- Adrenaline -- Angiotensin II -- Natriuretic Peptides -- Neurotrophins -- Conclusions -- Cross-References -- References -- 3 The Cardiorenal Cross Talk -- Introduction -- Measurements of Autonomic Nervous System Activity -- Sympathetic Innervation of the Kidney -- The Sympathorenal Axis in Heart Failure -- Consequences of Neurohormonal Axis Activation and Fluid Retention in the Circulatory System, in the Kidney Function, and in th... -- Conclusion -- References -- 4 Genetic Determinants Affecting the Relationship Between the Autonomic Nervous System and Sudden Death -- Introduction.

Neurocardiac Interactions and Ventricular Arrhythmogenesis -- Anatomy -- Physiology -- Role in Ventricular Arrhythmogenesis -- Genetic Determinants of Autonomic Nervous System Remodeling -- Altered Innervation -- Variants in Human Adrenergic Receptors -- Altered Autonomic Nervous System in Neuronal Disease -- Sudden Infant Death Syndrome -- Sudden Unexpected Death in Epilepsy -- Small Fiber Neuropathy -- Genetic Determinants of Inherited Arrhythmia Syndromes Susceptible to Autonomic Nervous System Triggering -- Long QT Syndrome -- Catecholaminergic Polymorphic Ventricular Tachycardia -- Brugada Syndrome -- Takotsubo Cardiomyopathy -- Sudden Cardiac Death in General Population -- Conclusion -- References -- 5 Cognitive Decline in Elderly Patients with Hypertensive Heart Disease -- Introduction -- Hypertension and Hypertensive Heart Disease in the Elderly -- Hypertension in the Elderly: Prevalence and Characteristics -- Aging and Hypertensive Heart Disease -- From Hypertensive Heart Disease to Atrial Fibrillation -- Atrial Fibrillation in the Elderly: Prevalence and Characteristics -- The Development of Atrial Fibrillation in Hypertensive Heart Disease -- From Atrial Fibrillation to Cognitive Decline -- Cognitive Decline in the Elderly: Prevalence and Characteristics -- From Atrial Fibrillation to Cognitive Decline -- Hypertensive Heart Disease, Atrial Fibrillation, and Cognitive Decline: A Heart-Brain Continuum Hypothesis -- Conclusions -- References -- Part II: Inflammatory Processes Perturbing Brain-Heart Dialogue -- 6 Immune System and Mind-Body Medicine: An Overview -- Introduction -- Clinical Evidence on Mind-Body Techniques (MBTs) -- MBTs and Cardiovascular Diseases -- MBTs and Oncology -- MBTs and Surgery -- MBTs and Pain -- MBTs and Insomnia -- Contemplative Activities and Respiratory Vagal Nerve Stimulation Hypothesis -- Studies Limitations.

Brain-Heart Connections: Link with the Immune System -- Parasympathetic Nervous System -- Sympathetic Nervous System -- Factors Activating the Immune System which Perturb the Brain-Heart Dialogue -- Ischemia and Hypertension -- Stress -- ``Information``: A Key Element? -- Quantum Biology: A Possible Mechanism Underlying Mind-Body Medicine? -- The Definition of ``Mind`` -- Immune System and ``Quantum Immunology`` -- Conclusion: Mind-Body Medicine and Quantum Biology - A New Paradigm? -- References -- 7 Nociception, Sympathetic Nervous System, and Inflammation -- Introduction -- Cutaneous and Cardiac Innervation -- Cutaneous Innervation -- Cardiac Innervation -- ANS, Inflammation, and Nociceptor Activation -- ANS and Nociceptor Activation at Cutaneous Level -- ANS, Inflammation, and Immune Response at Cutaneous Level -- ANS, Nociceptor Activation, and Inflammation at Cardiac Level -- Clinical Examples of the Mutual Interplay Between Nociception,

Sympathetic Nervous System, and Inflammation -- Complex Regional Pain Syndrome (CRPS) -- Cardiac Syndrome X (CSX) -- Potential Role of TRPV-1 Pathways in CSX -- Sympathetic Ganglia Block/Removal as a Common Treatment for SMPs, Essential Hyperhidrosis, Angina Pectoris, and Ventricular Arrhythmias -- Cardiac Sympathetic Denervation: History and Current Indications -- Neuropathic Pain After Cardiac Sympathetic Denervation: Is It Post-denervation Supersensitivity? -- Conclusion -- Cross-References -- References -- 8 The Role of Emotions, Stress, and Mental State in Inflammatory Processes Perturbing Brain-Heart Dialogue -- Introduction -- Emotions -- Stress -- Respiratory Sinus Arrhythmia (RSA) as a Predictor -- Stress and Emotion Regulation -- Stress and Perseverative Thinking -- Stress and Cognitive Reappraisal -- Interventions in Emotion Regulation to Target Chronic Stress -- Biofeedback.

Heart Rate Variability Biofeedback -- Psychotherapy -- Inflammatory Reactions Associated with Stress, Mental State, and Emotions-Possible Role in Cardiovascular Disease -- Clinical Clues -- Emotions and Inflammation -- Stress and Inflammation -- Stress, Cognitive Reappraisal, and Cardiovascular Inflammation -- A Neuro-immune Hypothesis -- Cholinergic Anti-inflammatory Pathway -- Conclusion -- References -- Part III: Emotional Processes and How They May Influence Cardiovascular Activity, Disease Onset, Outcomes, and Quality of Life -- 9 Biofeedback -- Introduction: The Biofeedback Paradigm -- The Synergy Between Biofeedback and Mindfulness -- Definitions of Biofeedback and Neurofeedback Therapy -- Physiological Monitoring and Modulation Are Not Biofeedback -- Biofeedback Modalities -- Capnometer -- Electrocardiograph -- Electrodermograph -- Electroencephalograph -- Electromyograph -- Feedback Thermometer -- Photoplethysmograph -- Respirometer -- The Importance of Evidence-Based Practice -- Current Applications of Biofeedback and Neurofeedback -- Trends in Biofeedback -- BCIA Certification Sets International Standards for Education and Practice -- Summary -- Cross-References -- References -- 10 Distinguishing Cardiac from Psychological Somatic Symptoms -- What Causes NCCP? -- Epidemiology -- Admissions for Cardiac Versus Non-cardiac Chest Pain -- Quality of Life and Socioeconomic Burden -- Organic Causes of NCCP -- Nonorganic Causes of NCCP -- Misdiagnosis and Impact on Economic Resource Consumption -- Anxiety and the Body -- Cardiac Manifestations and Generalized Anxiety Disorder -- Cardiac Symptoms in Panic Disorder -- Cardiac Symptoms in Post-traumatic Stress Disorder -- Major Depressive Disorder -- Somatic Symptoms -- Illness Anxiety Disorder -- Schizophrenia Spectrum Disorders -- Psychological Perspective -- Contributions of Personality.

Implication of Psychogenic Symptoms on Chest Pain Diagnosis and Treatment Guidelines -- In Emergency Setting -- In Non-emergency Setting -- Conclusions -- References -- 11 Consequences of Altered Cardiac Activity on Brain Activity -- Introduction -- Atrial Fibrillation -- Arterial Hypertension -- Heart Failure -- Ischemic Heart Disease -- Valvular Heart Disease -- Pulmonary Arterial Hypertension -- Sudden Cardiac Arrest -- References -- 12 Emotional Processing and Heart Activity -- Introduction -- The Emotional Brain and the Heart -- Heart Rate Variability -- HRV Measurement -- The Polyvagal Theory -- The Neurovisceral Integration Model -- Comment on Both Theories -- Emotional Triggering of Cardiovascular Disease (CVD) -- Pathophysiology of Emotionally Triggered CVD -- Emotional Risk Factors of CVD -- References -- 13 The Relationship Between Psychological Distress and Bio-behavioral Processes in Cardiovascular Disease -- Introduction -- Stress and Distress: Definitions -- Stress: A

Challenging Definition -- Stress and Distress -- Stress as a Risk Factor for Cardiovascular Disease -- Early Life Experiences -- Work-Related Distress -- Social Isolation -- Mechanisms Underlying the Link Between Psychological Stress and CVD -- The HPA Axis -- Autonomic Imbalance -- Cardiovascular Reactivity -- Psychological Protective Factors: Positive Psychological Functioning -- Conclusions -- References -- Part IV: Bidirectional Influences of Common Psychiatric Conditions and Cardiovascular Activity -- 14 Anxiety, Anger, Personality, and Heart Disease -- Introduction -- Anxiety and Heart Disease -- Anxiety and Anxiety Disorders -- Do Anxiety and Anxiety Disorders Cause Cardiovascular Disease? -- Pathophysiological Mechanisms Linking Anxiety to Cardiovascular Disease -- Association Between Anxiety Disorders and Heart Disease -- Psychogenic Hypertension. Takotsubo Cardiomyopathy.

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Sommario/riassunto

This ambitious and comprehensive handbook represents an essential contribution to our current understanding of interactions between heart and brain, a research topic generating growing interest. Despite the increasing awareness that neural mechanisms are the primary cause of cardiac disease and its progression, therapy continues to focus on end-organ protection and does not approach the neural core of the problem. Growing public health problems such as heart failure are still treated with autonomic drugs that are 30-40 years old and simply act on cardiac receptors. However, it has now been shown that the progression of ischemic heart disease to heart failure is mainly due to abnormal central responses to incipient cardiac disease, with neural activation the primary cause rather than the consequence of cardiac remodeling. Written by leading international experts in their respective research areas, the book presents a variety of perspectives on the core topic: from social and philosophical to gender-related aspects. It is designed for a broad readership and includes dedicated sections for cardiologists, psychiatrists, neurologists and psychotherapists looking for a more insightful and targeted approach to neuro-cardiovascular disease. .

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