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Nota di contenuto	Attenuation of Bnip3 Mediated Doxorubicin-Induced Cell Death in Cardiac Myocytes -- Sex Dependent Regulation of Circadian Rhythms in Health and Disease -- Circadian Pharmacological Approach to Treat Myocardial Infarct -- GPER Function as a Determinant of the Progression of Atherosclerotic Disease in Women -- Novel Therapeutic Approach to Treat Cardiac-Rheumatology in Females -- Correlation between Sex, Immigration Status, Ethnicity, and Long-term Outcomes of Ischemic Stroke -- Risk Assessment and Predictive Modelling for The Heart-Brain Interface in Women -- Insomnia Interventions for Female Cardiac Patients -- Aortic Stenosis Progression, Cardiac Damage, and

Survival: Comparison Between Men and Women -- Treatment and Management of Valvular Heart Disease and Cost-Effectiveness Analysis -- Association of Mortality and Acute Aortic Events with Ascending Aortic Aneurysm -- Improving Diagnosis and Treatment for Patients Who Suffer Spontaneous Coronary Artery Dissection (SCAD) -- Preeclampsia and Future Cardiovascular Health -- Cardiovascular Disease in Women with a History of Pregnancy Complications -- Hormone Replacement Treatment for Cardiovascular Disease -- Cardiovascular Mortality Following Early-Stage Breast Cancer -- Lipid Management for the Prevention of Atherosclerotic Cardiovascular Disease in Women -- Sex Differences in Cardiac Rehabilitation Enrollment -- Promoting Exercise and Physical Activity in Female Patients with Heart Disease -- Sex and Gender Differences in the Diagnosis, Treatment, and Outcomes of Coronary Artery Disease -- Sex Differences in Arterial Aging and its Implications on Cardiovascular Diseases -- Impact of a Novel Community-Based Lifestyle Intervention Program on Type 2 Diabetes and Cardiovascular Risk -- Clinical Outcomes Related to Heart Failure and Pulmonary Hypertension -- Examination of Health-Related Quality of Life in Women with Coronary Artery Disease -- The Risks and Benefits of Implantable Cardioverter-Defibrillator Generator Replacement -- The Effects and Roles of Estrogen in Managing Hypertension in Menopausal Women -- The Effects of Menopausal Hormone Therapy on the Vascular System -- Influence of Sex Differences in Non-Obstructive Coronary Artery Disease -- Diet¹ and Resistance to High Cholesterol Levels and Cardiovascular Disease -- Interventions to Improve Clinical Outcomes Following Hospitalization for Heart Failure -- Sex-Dependent Cardioprotective Effects of the Phytoestrogen Resveratrol -- Blood Pressure Across a Woman's Life Cycle -- Women's Fitness Levels and Heart Rate Response to Exercise -- Supervised Exercise Therapy Through Cardiac Rehabilitation following Peripheral Arterial Disease -- Sex Differences in ANT2-Mediated ATP Import into Mitochondria for Protection Against Hypoxia Lethal Injury.

Sommario/riassunto

Cardiovascular disease (CVD) is the leading cause of morbidity and mortality in women and men worldwide and represents a major financial burden to world health care systems. Importantly, CVD has eclipsed cancer as the leading cause of death for women globally. Through advancements in research and clinical testing, the symptoms and risk factors for CVD have been well established for men, but not for women. Consequently, there is an immediate need for new innovative research that will bridge this gap and allow for improved early diagnosis and treatment of CVD in women. This book will serve as a guide for health care providers to better understand the physiological, biochemical, and genetic differences in heart disease in women with the goal of providing improved education, awareness and treatment of cardiovascular disease in women. The book will cover topics such as: sex dependent clinical outcomes of cardiovascular disease, cardiac protection by estrogen, cardiac health during menopause, cardiac rehabilitation programs, fitness and exercise, cardio-oncology, shift work and the CVD risk, and pregnancy related CVD.
