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Titolo	Congestive heart failure [[electronic resource]] : symptoms, causes and treatment // Josias E. Garcia and Victor R. Wright, editors
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Altri autori (Persone)	GarciaJosias E WrightVictoro R
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Nota di contenuto	""CONGESTIVE HEART FAILURE: SYMPTOMS, CAUSES AND TREATMENT""; ""CONGESTIVE HEART FAILURE: SYMPTOMS, CAUSES AND TREATMENT""; ""CONTENTS""; ""PREFACE""; ""MONITORING PULMONARY EDEMA IN CHF PATIENTS WITH A HYBRID BIO-IMPEDANCE APPROACH""; ""ABSTRACT""; ""1. PULMONARY EDEMA IN CHF PATIENTS a€? ORIGINS AND MEASURING TECHNIQUES""; ""2. THE BIO-IMPEDANCE APPROACH IN MEASURING PULMONARY EDEMA""; ""3. A HYBRID BIO-IMPEDANCE SYSTEM FOR DIAGNOSING AND MONITORING CHF PATIENTS""; ""3.1. Technical Design""; ""3.1.1. Hardware design""; ""3.1.2. Software design""; ""Lung resistivity estimation"" ""RR and QT interval calculation""""3.2. Clinical Results""; ""3.2.1. Baseline measurements""; ""3.2.2. CHF patientsa€? classification and long-term monitoring""; ""3.2.3. Monitoring CHF patients under intravenous diuretics treatment""; ""3.2.4. Correlation between bio-impedance measurements and X-ray radiographs""; ""3.3. Monitoring CHF Patients at Home Via a Telemedicine Approach""; ""4. SUMMARY AND CONCLUSIONS""; ""REFERENCES""; ""THE ASSOCIATION BETWEEN IMPLANTABLE CARDIOVERTER DEFIBRILLATOR SHOCKS AND HEART FAILURE: A REVIEW OF PATHOGENESIS AND MANAGEMENT""; ""ABSTRACT"" ""1. MADIT II AND SCD-HEFT: TWO MAJOR RANDOMIZED CONTROLLED

TRIALS OF IMPLANTABLE CARDIOVERTER-DEFIBRILLATOR THERAPY""""2.
PATHOGENESIS OF HEART FAILURE IN PATIENTS WITH ICD SHOCKS"";
""The Effect of Shock: Appropriate and Inappropriate Shocks""; ""ICD
Shocks and the Activation of Sympathetic Nervous System""; ""The
Activation of Sympathetic Nervous System and the Psychiatric
Consequences: Impact on Heart Failure Progression"";
""MANAGEMENT""; ""Patient Selection""; ""Optimal Medical Management
of Heart Failure""; ""Device Programming""; ""Anti-Arrhythmic
Medications, Including Amiodarone""
""Management of Psychiatric Symptoms and Syndromes""""Organized
Protocol for Review of Patients Receiving ICD Shocks"";
""CONCLUSION""; ""REFERENCES""; ""REVERSIBLE LEFT VENTRICULAR
DYSFUNCTION: THE TAKOTSUBO SYNDROME""; ""ABSTRACT"";
""INTRODUCTION""; ""Epidemiology""; ""Aetiology""; ""Clinical Features"";
""Diagnosis""; ""Laboratory Data""; ""Cardiac Biomarkers""; ""Stress
Hormones""; ""Electrocardiography""; ""Echocardiography""; ""Coronary
Angiography and Ventriculography""; ""Cardiovascular magnetic
resonance imaging""; ""Myocardial Single Photon Emission Computed
Tomography""
""Endomyocardial Biopsies""""Pathophysiological Mechanisms"";
""Multivessel Epicardial Coronary Artery Spasm""; ""Coronary
Microvascular Impairment""; ""Catecholamine Cardiotoxicity"";
""Therapeutic Options""; ""Prognosis""; ""CONCLUSION"";
""REFERENCES""; ""OXIDATIVE STRESS AND HEART FAILURE: STILL A
VIABLE THERAPEUTIC TARGET?""; ""ABSTRACT""; ""INTRODUCTION"";
""SOURCES OF OXIDATIVE STRESS IN HEART FAILURE"";
""PHYSIOLOGICAL IMPORTANCE OF REDOX SIGNALING"";
""IMPLICATIONS FOR STEM CELL THERAPY""; ""REDOX-SMART DRUG
DESIGN FOR HEART FAILURE""; ""CONCLUSION AND PERSPECTIVES""
""ACKNOWLEDGEMENT""
