

EUROPEAN SOCIETY OF CARDIOLOGY JOURNALS

EUROPEAN SOCIETY OF CARDIOLOGY JOURNALS REPRESENT SOME OF THE MOST AUTHORITATIVE AND INFLUENTIAL PUBLICATIONS IN THE FIELD OF CARDIOVASCULAR MEDICINE. THESE JOURNALS SERVE AS ESSENTIAL PLATFORMS FOR THE DISSEMINATION OF CUTTING-EDGE RESEARCH, CLINICAL TRIALS, GUIDELINES, AND EXPERT OPINIONS RELATED TO CARDIOLOGY. AS THE OFFICIAL PUBLICATIONS OF THE EUROPEAN SOCIETY OF CARDIOLOGY (ESC), THEY UPHOLD THE HIGHEST STANDARDS OF SCIENTIFIC RIGOR AND PEER REVIEW. RESEARCHERS, CLINICIANS, AND HEALTHCARE PROFESSIONALS WORLDWIDE RELY ON THESE JOURNALS TO STAY INFORMED ABOUT ADVANCEMENTS IN CARDIOVASCULAR SCIENCE, TREATMENT MODALITIES, AND PREVENTIVE STRATEGIES. THIS ARTICLE PROVIDES AN IN-DEPTH OVERVIEW OF THE EUROPEAN SOCIETY OF CARDIOLOGY JOURNALS, HIGHLIGHTING THEIR SCOPE, IMPACT, AND UNIQUE FEATURES. ADDITIONALLY, IT EXPLORES THE MAIN JOURNALS UNDER THE ESC UMBRELLA, THEIR EDITORIAL POLICIES, OPEN ACCESS OPTIONS, AND HOW THEY CONTRIBUTE TO THE GLOBAL CARDIOLOGY COMMUNITY.

- OVERVIEW OF EUROPEAN SOCIETY OF CARDIOLOGY JOURNALS
- MAIN JOURNALS PUBLISHED BY THE ESC
- EDITORIAL AND PEER REVIEW PROCESS
- OPEN ACCESS AND ACCESSIBILITY
- CONTRIBUTION TO CARDIOVASCULAR RESEARCH AND PRACTICE

OVERVIEW OF EUROPEAN SOCIETY OF CARDIOLOGY JOURNALS

THE EUROPEAN SOCIETY OF CARDIOLOGY JOURNALS ENCOMPASS A RANGE OF SPECIALIZED PUBLICATIONS DESIGNED TO COVER VARIOUS ASPECTS OF CARDIOVASCULAR MEDICINE. THESE JOURNALS AIM TO PROMOTE SCIENTIFIC KNOWLEDGE AND IMPROVE PATIENT CARE BY PUBLISHING ORIGINAL RESEARCH, REVIEWS, CLINICAL GUIDELINES, AND CONSENSUS DOCUMENTS. THEY ARE RECOGNIZED FOR THEIR INTERNATIONAL REACH AND MULTIDISCIPLINARY APPROACH, ATTRACTING SUBMISSIONS FROM LEADING CARDIOLOGISTS, RESEARCHERS, AND HEALTHCARE EXPERTS GLOBALLY.

EACH JOURNAL UNDER THE ESC BANNER TARGETS A SPECIFIC NICHE WITHIN CARDIOLOGY, WHICH ALLOWS FOR FOCUSED AND DETAILED DISCUSSION OF TOPICS SUCH AS HEART FAILURE, ARRHYTHMIAS, INTERVENTIONAL CARDIOLOGY, AND CARDIOVASCULAR IMAGING. THE JOURNALS MAINTAIN RIGOROUS STANDARDS TO ENSURE THAT PUBLISHED CONTENT IS BOTH RELIABLE AND RELEVANT TO CLINICAL PRACTICE AND ACADEMIC INQUIRY.

SCOPE AND FOCUS AREAS

THE EUROPEAN SOCIETY OF CARDIOLOGY JOURNALS COVER A BROAD SPECTRUM OF CARDIOLOGY DISCIPLINES, INCLUDING BUT NOT LIMITED TO:

- CLINICAL CARDIOLOGY AND CARDIOVASCULAR MEDICINE
- BASIC AND TRANSLATIONAL CARDIOVASCULAR SCIENCE
- INTERVENTIONAL AND SURGICAL CARDIOLOGY TECHNIQUES
- CARDIOVASCULAR EPIDEMIOLOGY AND PREVENTION
- IMAGING AND DIAGNOSTIC METHODOLOGIES
- CARDIAC ARRHYTHMIAS AND ELECTROPHYSIOLOGY

THIS DIVERSITY IN SUBJECT MATTER ENSURES COMPREHENSIVE COVERAGE OF THE FIELD, SUPPORTING THE ESC'S MISSION TO ADVANCE CARDIOVASCULAR HEALTH.

MAIN JOURNALS PUBLISHED BY THE ESC

THE EUROPEAN SOCIETY OF CARDIOLOGY JOURNALS PORTFOLIO INCLUDES SEVERAL PRESTIGIOUS TITLES, EACH CATERING TO DIFFERENT SCIENTIFIC AND CLINICAL INTERESTS. THESE JOURNALS ARE WIDELY CITED AND CONTRIBUTE SIGNIFICANTLY TO THE BODY OF CARDIOVASCULAR LITERATURE.

EUROPEAN HEART JOURNAL

THE EUROPEAN HEART JOURNAL IS THE FLAGSHIP JOURNAL OF THE ESC AND IS CONSIDERED ONE OF THE LEADING PUBLICATIONS IN CARDIOLOGY WORLDWIDE. IT PUBLISHES ORIGINAL CLINICAL RESEARCH, REVIEWS, AND GUIDELINES THAT SHAPE CONTEMPORARY CARDIOVASCULAR MEDICINE. ITS HIGH IMPACT FACTOR AND BROAD READERSHIP UNDERSCORE ITS IMPORTANCE IN THE FIELD.

EUROPEAN JOURNAL OF PREVENTIVE CARDIOLOGY

THIS JOURNAL FOCUSES ON PREVENTIVE CARDIOVASCULAR MEDICINE, INCLUDING LIFESTYLE INTERVENTIONS, RISK FACTOR MANAGEMENT, AND POPULATION HEALTH. IT SERVES AS A VITAL RESOURCE FOR CLINICIANS AND RESEARCHERS DEDICATED TO REDUCING THE BURDEN OF CARDIOVASCULAR DISEASE THROUGH PREVENTION.

EUROPEAN JOURNAL OF HEART FAILURE

SPECIALIZING IN HEART FAILURE RESEARCH, THIS JOURNAL PUBLISHES STUDIES ON PATHOPHYSIOLOGY, TREATMENT STRATEGIES, AND PATIENT MANAGEMENT. IT SUPPORTS THE ESC'S EFFORTS TO IMPROVE OUTCOMES IN HEART FAILURE CARE.

OTHER NOTABLE JOURNALS

ADDITIONAL ESC JOURNALS INCLUDE THE EUROPEAN JOURNAL OF CARDIOVASCULAR IMAGING, EUROPACE (FOCUSED ON ARRHYTHMIAS AND ELECTROPHYSIOLOGY), AND THE EUROPEAN JOURNAL OF CLINICAL INVESTIGATION. EACH JOURNAL MAINTAINS A SPECIFIC AREA OF EXPERTISE, ENHANCING THE ESC'S COMPREHENSIVE COVERAGE OF CARDIOLOGY.

EDITORIAL AND PEER REVIEW PROCESS

THE SUCCESS AND CREDIBILITY OF THE EUROPEAN SOCIETY OF CARDIOLOGY JOURNALS ARE UNDERPINNED BY RIGOROUS EDITORIAL STANDARDS AND A THOROUGH PEER REVIEW PROCESS. THESE JOURNALS EMPLOY EXPERT EDITORIAL BOARDS COMPOSED OF LEADING CARDIOLOGISTS AND SCIENTISTS WHO OVERSEE MANUSCRIPT EVALUATION.

MANUSCRIPT SUBMISSION AND REVIEW

AUTHORS SUBMITTING TO ESC JOURNALS UNDERGO A STRUCTURED REVIEW PROCESS INVOLVING INITIAL EDITORIAL ASSESSMENT FOLLOWED BY PEER REVIEW FROM INDEPENDENT EXPERTS. THIS PROCESS ENSURES THAT ONLY HIGH-QUALITY, SCIENTIFICALLY SOUND ARTICLES ARE PUBLISHED. REVIEWERS EVALUATE THE NOVELTY, METHODOLOGY, ETHICAL COMPLIANCE, AND CLINICAL RELEVANCE OF SUBMISSIONS.

ETHICAL STANDARDS AND TRANSPARENCY

ESC JOURNALS ADHERE TO STRICT ETHICAL GUIDELINES, INCLUDING POLICIES ON CONFLICT OF INTEREST, DATA TRANSPARENCY, AND PATIENT CONSENT. THESE MEASURES FOSTER INTEGRITY AND TRUST IN THE PUBLISHED RESEARCH, SUPPORTING THE ADVANCEMENT OF EVIDENCE-BASED CARDIOLOGY.

OPEN ACCESS AND ACCESSIBILITY

RECOGNIZING THE IMPORTANCE OF WIDE DISSEMINATION, THE EUROPEAN SOCIETY OF CARDIOLOGY JOURNALS OFFER VARIOUS OPEN ACCESS OPTIONS. THIS FACILITATES GREATER ACCESSIBILITY FOR CLINICIANS, RESEARCHERS, AND THE PUBLIC, ENCOURAGING THE RAPID EXCHANGE OF CARDIOLOGY KNOWLEDGE.

OPEN ACCESS PUBLISHING MODELS

MANY ESC JOURNALS PROVIDE HYBRID MODELS WHERE AUTHORS CAN CHOOSE TO MAKE THEIR ARTICLES OPEN ACCESS FOR A FEE, OR TRADITIONAL SUBSCRIPTION-BASED PUBLICATION. SOME JOURNALS ALSO OFFER FULLY OPEN ACCESS OPTIONS, INCREASING THE VISIBILITY AND IMPACT OF THE RESEARCH.

DIGITAL PLATFORMS AND RESOURCES

THE ESC ENHANCES ACCESSIBILITY THROUGH DIGITAL PLATFORMS THAT HOST JOURNAL CONTENT, SUPPLEMENTARY MATERIALS, AND MULTIMEDIA RESOURCES. THESE PLATFORMS SUPPORT MOBILE ACCESS AND INTEGRATION WITH RESEARCH DATABASES, MAKING IT EASIER FOR USERS TO ENGAGE WITH THE LATEST CARDIOLOGY LITERATURE.

CONTRIBUTION TO CARDIOVASCULAR RESEARCH AND PRACTICE

THE EUROPEAN SOCIETY OF CARDIOLOGY JOURNALS PLAY A CRUCIAL ROLE IN SHAPING CARDIOVASCULAR RESEARCH AND CLINICAL PRACTICE WORLDWIDE. THEY PROVIDE A FORUM FOR SHARING BREAKTHROUGH DISCOVERIES, CLINICAL GUIDELINES, AND EXPERT CONSENSUS THAT INFLUENCE PATIENT CARE STANDARDS.

IMPACT ON CLINICAL GUIDELINES

MANY ARTICLES PUBLISHED IN ESC JOURNALS INFORM THE DEVELOPMENT OF INTERNATIONAL CARDIOVASCULAR GUIDELINES. THESE GUIDELINES ASSIST CLINICIANS IN MAKING EVIDENCE-BASED DECISIONS, IMPROVING DIAGNOSIS, TREATMENT, AND PREVENTION OF HEART DISEASES.

SUPPORT FOR PROFESSIONAL DEVELOPMENT

THE JOURNALS ALSO CONTRIBUTE TO CONTINUING MEDICAL EDUCATION BY PUBLISHING EDUCATIONAL REVIEWS, CASE STUDIES, AND UPDATES ON EMERGING THERAPIES. THIS SUPPORTS THE ONGOING PROFESSIONAL DEVELOPMENT OF CARDIOLOGISTS AND ALLIED HEALTH PROFESSIONALS.

PROMOTING GLOBAL COLLABORATION

BY DISSEMINATING HIGH-QUALITY RESEARCH AND FOSTERING DIALOGUE AMONG EXPERTS, THE EUROPEAN SOCIETY OF CARDIOLOGY JOURNALS ENCOURAGE INTERNATIONAL COLLABORATION. THIS GLOBAL EXCHANGE OF KNOWLEDGE ACCELERATES INNOVATION AND IMPROVES CARDIOVASCULAR HEALTH OUTCOMES WORLDWIDE.

FREQUENTLY ASKED QUESTIONS

WHAT IS THE EUROPEAN SOCIETY OF CARDIOLOGY (ESC) JOURNALS' PRIMARY FOCUS?

THE EUROPEAN SOCIETY OF CARDIOLOGY JOURNALS PRIMARILY FOCUS ON PUBLISHING HIGH-QUALITY RESEARCH, REVIEWS, AND CLINICAL STUDIES RELATED TO CARDIOVASCULAR MEDICINE AND CARDIOLOGY.

HOW MANY JOURNALS DOES THE EUROPEAN SOCIETY OF CARDIOLOGY PUBLISH?

THE EUROPEAN SOCIETY OF CARDIOLOGY PUBLISHES SEVERAL JOURNALS, INCLUDING THE EUROPEAN HEART JOURNAL, EUROPEAN JOURNAL OF HEART FAILURE, EUROPEAN JOURNAL OF PREVENTIVE CARDIOLOGY, AND OTHERS DEDICATED TO VARIOUS SUBFIELDS OF CARDIOLOGY.

ARE THE EUROPEAN SOCIETY OF CARDIOLOGY JOURNALS PEER-REVIEWED?

YES, ALL EUROPEAN SOCIETY OF CARDIOLOGY JOURNALS ARE PEER-REVIEWED TO ENSURE THE SCIENTIFIC RIGOR AND QUALITY OF THE PUBLISHED RESEARCH.

HOW CAN RESEARCHERS SUBMIT THEIR MANUSCRIPTS TO ESC JOURNALS?

RESEARCHERS CAN SUBMIT MANUSCRIPTS THROUGH THE ONLINE SUBMISSION SYSTEMS PROVIDED ON THE OFFICIAL ESC JOURNALS' WEBSITES, FOLLOWING SPECIFIC AUTHOR GUIDELINES FOR EACH JOURNAL.

DO ESC JOURNALS OFFER OPEN ACCESS OPTIONS?

YES, MANY ESC JOURNALS OFFER OPEN ACCESS PUBLISHING OPTIONS, ALLOWING AUTHORS TO MAKE THEIR ARTICLES FREELY ACCESSIBLE TO THE GLOBAL SCIENTIFIC COMMUNITY.

WHAT IMPACT DO ESC JOURNALS HAVE IN THE FIELD OF CARDIOLOGY?

ESC JOURNALS ARE HIGHLY INFLUENTIAL IN CARDIOLOGY, OFTEN RANKING AMONG THE TOP JOURNALS IN CARDIOVASCULAR RESEARCH DUE TO THEIR RIGOROUS PEER REVIEW AND HIGH CITATION RATES.

CAN CLINICIANS ACCESS ESC JOURNAL CONTENT FOR FREE?

SOME ESC JOURNAL CONTENT IS AVAILABLE FOR FREE, INCLUDING GUIDELINES AND SELECTED ARTICLES, BUT FULL ACCESS TYPICALLY REQUIRES SUBSCRIPTION OR INSTITUTIONAL ACCESS UNLESS THE ARTICLE IS OPEN ACCESS.

HOW DOES THE EUROPEAN SOCIETY OF CARDIOLOGY ENSURE THE QUALITY OF ITS JOURNALS?

THE ESC ENSURES QUALITY THROUGH A RIGOROUS PEER-REVIEW PROCESS, EDITORIAL OVERSIGHT BY LEADING CARDIOLOGY EXPERTS, ADHERENCE TO ETHICAL PUBLISHING STANDARDS, AND CONTINUOUS UPDATES TO PUBLICATION POLICIES.

ADDITIONAL RESOURCES

1. EUROPEAN SOCIETY OF CARDIOLOGY: ADVANCES IN CLINICAL CARDIOLOGY

THIS BOOK COMPILES THE LATEST RESEARCH AND CLINICAL PRACTICES PUBLISHED IN THE EUROPEAN SOCIETY OF CARDIOLOGY JOURNALS. IT COVERS A BROAD RANGE OF TOPICS INCLUDING HEART FAILURE, ARRHYTHMIAS, AND INTERVENTIONAL CARDIOLOGY. HEALTHCARE PROFESSIONALS WILL FIND COMPREHENSIVE REVIEWS AND CASE STUDIES THAT REFLECT CURRENT TRENDS AND INNOVATIVE TREATMENTS IN CARDIOVASCULAR MEDICINE.

2. INNOVATIONS IN CARDIAC IMAGING: INSIGHTS FROM ESC PUBLICATIONS

FOCUSING ON CUTTING-EDGE IMAGING TECHNIQUES, THIS BOOK EXPLORES ADVANCES IN ECHOCARDIOGRAPHY, MRI, AND CT SCANS AS REPORTED IN ESC JOURNALS. IT HIGHLIGHTS HOW THESE TECHNOLOGIES IMPROVE DIAGNOSIS AND MANAGEMENT OF CARDIOVASCULAR DISEASES. CARDIOLOGISTS AND RADIOLOGISTS ALIKE WILL BENEFIT FROM ITS DETAILED DISCUSSIONS AND PRACTICAL APPLICATIONS.

3. HEART FAILURE MANAGEMENT: EUROPEAN PERSPECTIVES AND GUIDELINES

THIS VOLUME PROVIDES AN IN-DEPTH LOOK AT HEART FAILURE TREATMENT STRATEGIES BASED ON EUROPEAN SOCIETY OF CARDIOLOGY GUIDELINES. IT SYNTHESIZES CLINICAL TRIAL DATA, ESC POSITION PAPERS, AND JOURNAL ARTICLES TO OFFER EVIDENCE-BASED RECOMMENDATIONS. THE BOOK IS ESSENTIAL FOR CLINICIANS AIMING TO OPTIMIZE PATIENT OUTCOMES IN HEART FAILURE CARE.

4. ARRHYTHMIAS AND ELECTROPHYSIOLOGY: RESEARCH FROM ESC JOURNALS

DEDICATED TO THE STUDY OF CARDIAC ARRHYTHMIAS, THIS BOOK REVIEWS THE LATEST ELECTROPHYSIOLOGICAL RESEARCH AND THERAPEUTIC APPROACHES DOCUMENTED IN ESC JOURNALS. TOPICS INCLUDE ATRIAL FIBRILLATION, VENTRICULAR TACHYCARDIA, AND DEVICE THERAPY. IT SERVES AS A VALUABLE RESOURCE FOR ELECTROPHYSIOLOGISTS AND CARDIOLOGY FELLOWS.

5. PREVENTIVE CARDIOLOGY IN EUROPE: STRATEGIES AND OUTCOMES

THIS BOOK EMPHASIZES PREVENTION AND RISK FACTOR MANAGEMENT IN CARDIOVASCULAR DISEASE, DRAWING ON STUDIES PUBLISHED BY THE EUROPEAN SOCIETY OF CARDIOLOGY. IT DISCUSSES LIFESTYLE INTERVENTIONS, PHARMACOLOGICAL TREATMENTS, AND PUBLIC HEALTH POLICIES. READERS WILL GAIN INSIGHTS INTO EFFECTIVE PREVENTION PROGRAMS AND THEIR IMPACT ON POPULATION HEALTH.

6. INTERVENTIONAL CARDIOLOGY: TECHNIQUES AND OUTCOMES FROM ESC RESEARCH

HIGHLIGHTING MINIMALLY INVASIVE PROCEDURES, THIS BOOK PRESENTS THE LATEST FINDINGS ON ANGIOPLASTY, STENTING, AND STRUCTURAL HEART INTERVENTIONS FROM ESC JOURNALS. IT ADDRESSES PROCEDURAL INNOVATIONS, PATIENT SELECTION, AND COMPLICATION MANAGEMENT. INTERVENTIONAL CARDIOLOGISTS WILL FIND A PRACTICAL GUIDE TO EVOLVING THERAPEUTIC OPTIONS.

7. CARDIOVASCULAR EPIDEMIOLOGY: DATA AND TRENDS IN ESC PUBLICATIONS

THIS COMPREHENSIVE TEXT ANALYZES EPIDEMIOLOGICAL DATA RELATED TO CARDIOVASCULAR DISEASES ACROSS EUROPE. IT INCLUDES PREVALENCE, INCIDENCE, AND RISK FACTOR TRENDS AS REPORTED IN ESC JOURNALS. PUBLIC HEALTH SPECIALISTS AND RESEARCHERS WILL APPRECIATE THE DETAILED STATISTICAL ANALYSES AND IMPLICATIONS FOR HEALTHCARE PLANNING.

8. CARDIOMETABOLIC DISORDERS AND CARDIOVASCULAR RISK: INSIGHTS FROM ESC STUDIES

EXPLORING THE INTERSECTION OF METABOLIC DISEASES AND HEART HEALTH, THIS BOOK REVIEWS ESC JOURNAL ARTICLES ON DIABETES, OBESITY, AND LIPID DISORDERS. IT DISCUSSES HOW THESE CONDITIONS CONTRIBUTE TO CARDIOVASCULAR RISK AND STRATEGIES FOR MANAGEMENT. THE CONTENT IS RELEVANT FOR ENDOCRINOLOGISTS, CARDIOLOGISTS, AND PRIMARY CARE PROVIDERS.

9. ESC GUIDELINES HANDBOOK: COMPREHENSIVE CARDIOVASCULAR CARE

THIS HANDBOOK COMPILES THE EUROPEAN SOCIETY OF CARDIOLOGY'S OFFICIAL GUIDELINES FOR DIAGNOSING AND TREATING A WIDE RANGE OF CARDIOVASCULAR CONDITIONS. IT PROVIDES CLEAR, EVIDENCE-BASED RECOMMENDATIONS SUPPORTED BY EXTENSIVE LITERATURE REVIEWS FROM ESC JOURNALS. A MUST-HAVE REFERENCE FOR CLINICIANS SEEKING AUTHORITATIVE GUIDANCE IN CARDIOLOGY PRACTICE.

European Society Of Cardiology Journals

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European Society of Cardiology Journals: List of Journals Indexed in Index Medicus

National Library of Medicine (U.S.), 1982 Issues for 1977-1979 include also Special List journals being indexed in cooperation with other institutions. Citations from these journals appear in other MEDLARS bibliographies and in MEDLINE, but not in Index Medicus.

European Society of Cardiology Journals: List of Journals Indexed for MEDLINE , 2005

European Society of Cardiology Journals: ,

European Society of Cardiology Journals: Cardiovascular and Pulmonary Physical

Therapy Donna Frownfelter, Elizabeth Dean, 2012-03-30 Providing a solid foundation in cardiovascular and pulmonary physiology and rehabilitation, Cardiovascular and Pulmonary Physical Therapy: Evidence and Practice, 5th Edition uses the latest scientific literature and research in covering anatomy and physiology, assessment, and interventions. A holistic approach addresses the full spectrum of cardiovascular and pulmonary physical therapy from acute to chronic conditions, starting with care of the stable patient and progressing to management of the more complex, unstable patient. Both primary and secondary cardiovascular and pulmonary disorders are covered. In this edition, updates include new, full-color clinical photographs and the most current coverage of techniques and trends in cardiopulmonary physical therapy. Edited by Donna Frownfelter and Elizabeth Dean, recognized leaders in cardiovascular and pulmonary rehabilitation, this resource is ideal for clinicals and for practice. - Evidence-based practice is demonstrated with case studies, and the latest research supports PT decision-making. - Real-life clinical cases show the application of concepts to evidence-based practice. - Holistic approach supports treating the whole person rather than just the symptoms of a disease or disorder, covering medical, physiological, psychological, psychosocial, therapeutic, practical, and methodological aspects. - Coverage includes both primary and secondary cardiovascular and pulmonary conditions. - An integrated approach to oxygen transport demonstrates how the cardiovascular and pulmonary systems function together. - Emphasis on the terminology and guidelines of APTA's Guide to Physical Therapist Practice keeps the book consistent with the standards for practice in physical therapy. - Key terms and review questions in each chapter focus your learning on important concepts. - The Evolve companion website includes additional resources such as a case study guide, Archie animations, color images, video clips, WebLinks, and references with links to MEDLINE abstracts. - Full-color photos and illustrations enhance your understanding of the book's concepts. - Two new Mobilization and Exercise chapters cover physiologic principles along with application to practice. - Information on airway clearance techniques is revised and condensed into one comprehensive chapter. - New reference style makes it easier to find resources by replacing the old author-date references with numbered superscripts linked to MEDLINE abstracts.

European Society of Cardiology Journals: *Fundamentals of Pharmacology* Ian Peate, Barry Hill, 2021-04-19 All registered nurses must have a thorough understanding and a strong knowledge of pharmacology, medicines administration, and the ability to recognise and react to the effects of medicines. Fundamentals of Pharmacology helps nursing and healthcare students develop the skills and confidence required to apply the fundamental principles of pharmacology and to offer safe, competent and compassionate care. Concentrating on the medicines that students are most likely to encounter in real-world practice, this textbook provides concise coverage of pharmacology, essential medicines management principles, legal and ethical issues, drug formulations, analgesics, immunisations, and much more. Clinically focused chapters feature defined learning outcomes, multiple-choice questions, practical examples, and full-colour illustrations to aid readers' comprehension of the complexities of pharmacology and care provision. The book utilises a straightforward, student-friendly approach to present 'must-have' information, with contributions from experienced clinicians and academics. Describes how to use pharmaceutical and prescribing reference guides Stresses the role and importance of compassionate care throughout Contains a full range of pedagogical tools which enhance learning and recall Aligns with current NMC Standards and Proficiencies for Registered Nurses and Nursing Associates Supplemented and supported by a wealth of online extras and resources Fundamentals of Pharmacology is essential reading for all

nursing students, trainee nursing associates, post-registration nurses taking 'nurse prescribing' or 'non-medical prescribing' modules, and newly qualified nurses and nursing associates looking to better understand pharmacology.

europaean society of cardiology journals: Encyclopedia of Cardiovascular Research and Medicine , 2017-11-27 Encyclopedia of Cardiovascular Research and Medicine, Four Volume Set offers researchers over 200 articles covering every aspect of cardiovascular research and medicine, including fully annotated figures, abundant color illustrations and links to supplementary datasets and references. With contributions from top experts in the field, this book is the most reputable and easily searchable resource of cardiovascular-focused basic and translational content for students, researchers, clinicians and teaching faculty across the biomedical and medical sciences. The panel of authors chosen from an international board of leading scholars renders the text trustworthy, contemporary and representative of the global scientific expertise in these domains. The book's thematic structuring of sections and in-depth breakdown of topics encourages user-friendly, easily searchable chapters. Cross-references to related articles and links to further reading and references will further guide readers to a full understanding of the topics under discussion. Readers will find an unparalleled, one-stop resource exploring all major aspects of cardiovascular research and medicine. Presents comprehensive coverage of every aspect of cardiovascular medicine and research Offers readers a broad, interdisciplinary overview of the concepts in cardiovascular research and medicine with applications across biomedical research Includes reputable, foundational content on genetics, cancer, immunology, cell biology and molecular biology Provides a multi-media enriched color-illustrated text with high quality images, graphs and tables.

europaean society of cardiology journals: Cardiac Care Angela M. Kucia, Ian D. Jones, 2022-09-13 In the newly revised Second Edition of Cardiac Care: A Practical Guide for Nurses, a team of dedicated and widely recognised nursing medical experts from around the world deliver an invaluable and practical guide for nurses who practice in cardiac care environments. This latest edition includes brand new chapters on structural heart disease, takotsubo syndrome, and non-obstructive coronary artery disease. While also covering the essential topics necessary for the proper provision of cardiac care, this practical guide for nurses provides: A thorough introduction to cardiac practice, including the mechanics of the cardiovascular systems and the regulation of cardiac and vascular function Comprehensive exploration of cardiovascular disease assessment, including risk factors for cardiovascular disease, laboratory tests, and diagnostic procedures Practical discussions of the detection and management of heart rhythm disturbances, including ECG interpretation, cardiac monitoring, and arrhythmias In-depth examinations of the detection and management of acute coronary syndromes, including chest pain assessment and discharge planning Chapter overviews, key concepts, learning objectives and activities, with critical points intermingled throughout Perfect for practicing nurses who care for patients with cardiac conditions, Cardiac Care: A Practical Guide for Nurses will also earn a place in the libraries of other allied health professionals in cardiac care settings.

europaean society of cardiology journals: Heart Failure Treatment: Practical Insights Taha Othmane, 2025-09-02 Heart Failure Treatment: Practical Insights is a clinically focused and evidence-based resource tailored for healthcare professionals managing patients with heart failure across all phenotypes. This comprehensive volume delivers step-by-step guidance on current best practices, integrating guideline-directed medical therapy (GDMT) with emerging innovations and personalized approaches. The book begins with foundational principles and systematically explores pharmacological therapies in HFrEF, HFpEF, and HFmrEF, with detailed discussions on established treatments—including beta-blockers, MRAs, SGLT2 inhibitors—and newer agents such as ARNIs and guanylate cyclase stimulators. Each chapter offers clinical insights, treatment algorithms, and references to landmark trials. Beyond medications, the text examines essential aspects of holistic care: lifestyle interventions, dietary guidance, and the management of complex comorbidities like diabetes, atrial fibrillation, cardiorenal syndrome, and sleep apnea. The volume also covers advanced therapies, including device implantation (ICDs, CRT), mechanical circulatory support, and

heart transplantation, along with the growing role of palliative care and shared decision-making in advanced heart failure. Designed for cardiologists, internal medicine physicians, heart failure specialists, trainees, and nurse practitioners, this book bridges the gap between theory and practice. With practical charts, clinical algorithms, and up-to-date references, it equips clinicians with the tools they need to provide personalized, state-of-the-art care in the evolving landscape of heart failure management.

european society of cardiology journals: List of Serials and Monographs Indexed for Online Users , 1988

european society of cardiology journals: Magnetic Resonance Imaging of Myocardial Deformation and Scarring in Coronary Artery Disease. Johan Kihlberg, 2017-11-15 Although improved treatments have reduced the rates of acute complications from myocardial infarction, sequelae such as heart failure and sudden death threaten the future wellbeing of those patients. Secondary prevention after myocardial infarction is related to cardiovascular risk factors and the effect of the infarct on left ventricular function. Cardiovascular magnetic resonance imaging (CMR) is necessary to determine the size of the infarct scar and can with great precision determine left ventricular volumes, left ventricular ejection fraction, and deformation (strain and torsion). The purpose of this thesis was to improve on CMR methods to facilitate image acquisition and post processing in patients with high risk of coronary artery disease (CAD). In Paper 1, a three-dimensional phase-sensitive inversion-recovery (3D PSIR) sequence was modified to measure T1 during a single breath hold. The measured T1 values were used to extrapolate a map of T1 relaxation, which avoided the time-consuming manual determination of the inversion time. The data collection consisted of phantom experiments, Monte Carlo simulations of the effect of various heart rates, and clinical investigation of 18 patients with myocardial infarction. Scar images created with the modified sequence were compared to those created with the standard sequence. The 3D PSIR sequence was able to measure T1 relaxation with a high accuracy up to 800 ms, which is in the suitable range for scar imaging. Simulated arrhythmias showed that the method was robust and able to tolerate some variation in heart rate. The modified sequence provides measurements of inversion time that can be used to facilitate standard scar imaging or to reconstruct synthetic scar images. Images of infarct scar obtained with the 3D PSIR sequence bore striking similarity to images obtained with the standard sequence. In Paper 2, 125 patients with high risk of CAD were investigated using the displacement encoding with stimulated echoes (DENSE) sequence. Image segments with infarct scar area >50% (transmurality) could be identified with a sensitivity of 95% and a specificity of 80% based on circumferential strain calculated from the DENSE measurements. The DENSE sequence was also applied in other directions, but its sensitivity and specificity to detect scar was lower than when used for circumferential strain. In Paper 3, 90 patients with high risk of CAD were examined by DENSE, tagging with harmonic phase (HARP) imaging and cine imaging with feature tracking (FT), to detect cardiac abnormalities as manifested in end-systolic circumferential strain. Circumferential strain calculated with DENSE had higher sensitivity and specificity than the competing methods to detect infarction with transmurality >50%. Global circumferential strain measured by DENSE correlated better with global parameters such as left ventricular ejection fraction, myocardial wall mass, left ventricular end-diastolic and end-systolic volume; than strain measured by FT or HARP. In Paper 4, myocardial torsion was investigated using DENSE, HARP, and FT in 48 patients with high risk of CAD. Torsion measured by each of the three methods was correlated with other global measures such as left ventricular ejection fraction, left ventricular mass, and left ventricular end-diastolic and end-systolic volumes. The torsion measurements obtained with DENSE had a stronger relationship with left ventricular ejection fraction, left ventricular mass, and volumes than those obtained with HARP or FT. DENSE was superior to the other methods for strain and torsion measurement and can be used to describe myocardial deformation quantitatively and objectively.

european society of cardiology journals: Cardiology Secrets - E-Book Glenn N. Levine, 2021-12-09 For more than 30 years, the highly regarded Secrets Series® has provided students and

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europaean society of cardiology journals: *Biomedical Applications* Malgorzata Lekka, Daniel Navajas, Manfred Radmacher, Alessandro Podestà, 2023-02-20 This book is dedicated to the discussion of several biomedical applications of the mechanical phenotyping of cells and tissues to specific disease models. The topical chapters on mechanics in disease are preceded by chapters describing cell and tissue structure and their relationship with the biomechanical properties, as well as by the description of dedicated sample preparation methods for the nano- and microscale mechanical measurements.

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