



Advanced Non-Invasive Cardiac Imaging


IMPORTANT GUIDELINES, STATEMENTS, AND REPORTS:

2019 ESC Guidelines for the diagnosis and management of chronic coronary syndromes: The Task Force for the diagnosis and management of chronic coronary syndromes of the European Society of Cardiology (ESC) 

2021 AHA/ACC/ASE/CHEST/SAEM/SCCT/SCMR Guideline for the Evaluation and Diagnosis of Chest Pain: Executive Summary: A Report of the American College of Cardiology/American Heart Association Joint Committee on Clinical Practice Guidelines 

Coronary Artery Calcium Scoring to Guide Prevention of ASCVD: a Scientific Statement from the National Lipid Association 

AHA/ACC/AACVPR/AAPA/ABC/ACPM/ADA/AGS/APhA/ASPC/NLA/PCNA Guideline on the Management of Blood Cholesterol 

2019 ACC/AHA Guideline on the Primary Prevention of Cardiovascular Disease 

IMPORTANT SUGGESTED READINGS AND RESOURCES:

Ten Things to Know About Ten Imaging Studies: A Preventive Cardiology Perspective 


Coronary Artery Calcium as a Synergistic Tool for the Age- and Sex-Specific Risk of Cardiovascular and Cancer Mortality: The Coronary Artery Calcium Consortium 

Coronary Artery Calcium for Personalized Allocation of Aspirin in Primary Prevention of Cardiovascular Disease in 2019 

Coronary Artery Calcium to Guide a Personalized Risk-Based Approach to Initiation and Intensification of Antihypertensive Therapy 

Coronary Artery Calcium Score for Personalization of Antihypertensive Therapy 

Role of Coronary Artery Calcium for Stratifying Cardiovascular Risk in Adults With Hypertension 

Prognostic value of coronary computed tomographic angiography findings in asymptomatic individuals: a 6-year follow-up from the prospective multicentre international CONFIRM study 

Coronary CT Angiography and 5-Year Risk of Myocardial Infarction 

Coronary CT Angiography in New-Onset Stable Chest Pain: Time for U.S. Guidelines to Be NICEr 

Impact of Plaque Burden Versus Stenosis on Ischemic Events in Patients with Coronary Atherosclerosis 

Initial Invasive or Conservative Strategy for Stable Coronary Disease – ISCHEMIA Trial 



Coronary Artery Disease

IMPORTANT GUIDELINES, STATEMENTS, AND REPORTS:

Clinical Management of Stable Coronary Artery Disease in Patients With Type 2 Diabetes Mellitus: A Scientific Statement From the American Heart Association



Comprehensive Management of Cardiovascular Risk Factors for Adults With Type 2 Diabetes: A Scientific Statement From the American Heart Association



2020 ESC Guidelines for the management of acute coronary syndromes in patients presenting without persistent ST-segment elevation



2021 AHA/ACC/ASE/CHEST/SAEM/SCCT/SCMR Guideline for the Evaluation and Diagnosis of Chest Pain: Executive Summary



2019 ESC Guidelines for the diagnosis and management of chronic coronary syndromes



IMPORTANT SUGGESTED READINGS AND RESOURCES:

Epidemiology and the Magnitude of Coronary Artery Disease and Acute Coronary Syndrome: A Narrative Review



Heart Disease and Stroke Statistics—2022 Update: A Report From the American Heart Association



Diagnosis and Treatment of Acute Coronary Syndromes



“Goldilocks” Approach to Deferred Stenting in ST-Segment-Elevation Myocardial Infarction



Influenza Vaccination After Myocardial Infarction: A Randomized, Double-Blind, Placebo-Controlled, Multicenter Trial



Percutaneous Coronary Intervention in 2018



CABG the clear choice for patients with diabetes and multivessel disease



Fractional Flow Reserve Measurement for the Physiological Assessment of Coronary Artery Stenosis Severity



Assessment of Stable Coronary Lesions



Unmet Need for Adjunctive Dyslipidemia Therapy in Hypertriglyceridemia Management



New Antidiabetes Medications and Their Cardiovascular and Renal Benefits



Targeting Cardiovascular Inflammation: Next Steps for Clinical Translation





Peripheral Artery Disease

IMPORTANT GUIDELINES, STATEMENTS, AND REPORTS:

<https://www.ahajournals.org/doi/10.1161/CIR.0000000000001005>



2016 AHA/ACC Guideline on the Management of Patients With Lower Extremity Peripheral Artery Disease: Executive Summary



Peripheral Arterial Diseases (Diagnosis and Treatment of) Guidelines- ESC Clinical Practice Guidelines



Lower Extremity Peripheral Artery Disease: Contemporary Epidemiology, Management Gaps, and Future Directions: A Scientific Statement From the American Heart Association



IMPORTANT SUGGESTED READINGS AND RESOURCES:

Genome-wide Association Study of Peripheral Artery Disease in the Million Veteran Program



Low-Density Lipoprotein Cholesterol Lowering With Evolocumab and Outcomes in Patients With Peripheral Artery Disease



Peripheral Artery Disease and Venous Thromboembolic Events After Acute Coronary Syndrome



Cost-Effectiveness of Alirocumab in Patients With Acute Coronary Syndromes: The ODYSSEY OUTCOMES Trial



Assessment and Management of Peripheral Arterial Disease: What Every Cardiologist Should Know



Update on the Pathophysiology and Medical Treatment of Peripheral Artery Disease



Major Adverse Limb Events and Mortality in Patients with PAD: the COMPASS Trial



Rivaroxaban in PAD After Revascularization: VOAGER-PAD Trial





Acute Coronary Syndromes: A Deeper Dive

IMPORTANT GUIDELINES, STATEMENTS, AND REPORTS:

- 2017 ESC Guidelines for the management of acute myocardial infarction in patients presenting with ST-segment elevation: The Task Force for the management of acute myocardial infarction in patients presenting with ST-segment elevation of the European Society of Cardiology (ESC) +
- 2013 ACCF/AHA Guideline for the Management of ST-Elevation Myocardial Infarction: A Report of the American College of Cardiology Foundation/American Heart Association Task Force on Practice Guidelines +
- 2015 ACC/AHA/SCAI Focused Update on Primary Percutaneous Coronary Intervention for Patients With ST-Elevation Myocardial Infarction: An Update of the 2011 ACCF/AHA/SCAI Guideline for Percutaneous Coronary Intervention and the 2013 ACCF/AHA Guideline for the Management of ST-Elevation Myocardial Infarction +
- 2020 ESC Clinical Practice Guidelines for the management of non-ST-segment elevation acute coronary syndromes (NSTEMI-ACS) +
- 2017 AHA/ACC Clinical Performance and Quality Measures for Adults With ST-Elevation and Non-ST-Elevation Myocardial Infarction: A Report of the American College of Cardiology/American Heart Association Task Force on Performance Measures +

IMPORTANT SUGGESTED READINGS AND RESOURCES:

- Diagnosis and Treatment of Acute Coronary Syndromes +
- Acute Coronary Syndrome: Diagnostic Evaluation +
- Fourth Universal Definition of Myocardial Infarction (2018) +
- Assessment and Treatment of Patients With Type 2 Myocardial Infarction and Acute Nonischemic Myocardial Injury +
- Selecting A Treatment Modality In Acute Coronary Syndrome +



Arrhythmias

IMPORTANT GUIDELINES, STATEMENTS, AND REPORTS:

Lifestyle and Risk Factor Modification for Reduction of Atrial Fibrillation – A Scientific Statement from the American Heart Association



2020 ESC Guidelines for the Diagnosis and Management of Atrial Fibrillation Developed in Collaboration with the European Association for Cardio-Thoracic Surgery (EACTS)



2019 AHA/ACC/HRS Focused Update of the 2014 AHA/ACC/HRS Guideline for the Management of Patients With Atrial Fibrillation



2017 AHA/ACC/HRS Guideline for Management of Patients With Ventricular Arrhythmias and the Prevention of Sudden Cardiac Death



2015 ACC/AHA/HRS Guideline for the Management of Adult Patients With Supraventricular Tachycardia



Managing Atrial Fibrillation in Patients with Heart Failure and Reduced Ejection Fraction: A Scientific Statement from the American Heart Association



IMPORTANT SUGGESTED READINGS AND RESOURCES:

Ventricular Arrhythmias and the Prevention of Sudden Cardiac Death Guideline Update



Antithrombotic Therapy for Atrial Fibrillation: CHEST Guideline and Expert Panel Report



Sodium-glucose Cotransporter Type 2 Inhibitors and Cardiac Arrhythmias



What clinical trials of ablation for atrial fibrillation tell us – and what they do not



Atrial Fibrillation



Atrial Fibrillation in Patients Hospitalized With COVID-19: Incidence, Predictors, Outcomes, and Comparison to Influenza





Heart Failure

IMPORTANT GUIDELINES, STATEMENTS, REPORTS AND SUGGESTED READINGS

2022 AHA/ACC/HFSA Guideline for the Management of Heart Failure: A Report of the American College of Cardiology/American Heart Association Joint Committee on Clinical Practice Guidelines



2021 ESC Guidelines for the diagnosis and treatment of acute and chronic heart failure: Developed by the Task Force for the diagnosis and treatment of acute and chronic heart failure of the European Society of Cardiology (ESC) With the special contribution of the Heart Failure Association (HFA) of the ESC



Four Pillars of Heart Failure: Contemporary Pharmacological Therapy for Heart Failure with Reduced Ejection Fraction



New Perspectives and Future Directions in the Treatment of Heart Failure



Therapeutic Advances in Patients with Heart Failure with Reduced Ejection Fraction Who Have Had a Previous Worsening Heart Failure Event



Universal Definition and Classification of Heart Failure



Data in a Vacuum? The Desperate Need for a Paradigm Shift to Prevent Heart Failure in Black Americans



10-Year Risk Equations for Incident Heart Failure in the General Population



Predictors of heart failure development in type 2 diabetes: a practical approach



Two Tales: One Story – EMPEROR-Reduced and DAPA-HF



Empagliflozin in Heart Failure with a Preserved Ejection Fraction



Patient Profiling in Heart Failure for Tailoring Medical Therapy – A Consensus Document of the Heart Failure Association of the European Society of Cardiology





CVD in Women: Special Considerations for Assessment & Treatment

IMPORTANT GUIDELINES, STATEMENTS, REPORTS AND SUGGESTED READINGS

Women and Heart Disease	+
Cardiovascular Disease in Women	+
Preventing Heart Disease in Women: New Guidance from the American Heart Association	+
Summary of Updated Recommendations for Primary Prevention of Cardiovascular Disease in Women: JACC State-of-the-Art Review	+
State of the Heart for Women	+
Hormone Therapy and Heart Disease	+
Emergence of Nonobstructive Coronary Artery Disease: A Woman's Problem and Need for Change in Definition on Angiography	+
Sex and Gender Matters to the Heart	+
Hypertension in Pregnancy: Diagnosis, BP Goals, and Pharmacotherapy: A Scientific Statement from the American Heart Association	+
Sex Differences in Cardiovascular Pathophysiology	+
Sex-Based Differences in Coronary and Structural Percutaneous Interventions	+
Aortic stenosis in Women	+
The Lancet Women and Cardiovascular Disease Commission: Reducing the Global Burden by 2030	+
About Heart Disease in Women- GO RED	+
Fact Sheet - Cardiovascular Disease: Women's no. 1 Health Threat	+
Experts Urge Action to Reduce Global Burden of CVD in Women	+