

CLINICAL PRACTICE GUIDELINE

2017 ACC/AHA/HRS Guideline for the Evaluation and Management of Patients With Syncope



A Report of the American College of Cardiology/American Heart Association
Task Force on Clinical Practice Guidelines and the Heart Rhythm Society

*Developed in Collaboration With the American College of Emergency Physicians and
Society for Academic Emergency Medicine*

Endorsed by the Pediatric and Congenital Electrophysiology Society

**Writing
Committee
Members***

Win-Kuang Shen, MD, FACC, FAHA, FHRS, *Chair*†
Robert S. Sheldon, MD, PhD, FHRS, *Vice Chair*

David G. Benditt, MD, FACC, FHRS*‡
Mitchell I. Cohen, MD, FACC, FHRS‡
Daniel E. Forman, MD, FACC, FAHA‡
Zachary D. Goldberger, MD, MS, FACC, FAHA, FHRS‡
Blair P. Grubb, MD, FACC§
Mohamed H. Hamdan, MD, MBA, FACC, FHRS*‡
Andrew D. Krahn, MD, FHRS*§
Mark S. Link, MD, FACC‡
Brian Olshansky, MD, FACC, FAHA, FHRS*‡

Satish R. Raj, MD, MSc, FACC, FHRS*§
Roopinder Kaur Sandhu, MD, MPH‡
Dan Sorajja, MD‡
Benjamin C. Sun, MD, MPP, FACEP||
Clyde W. Yancy, MD, MSc, FACC, FAHA‡¶

*Writing committee members are required to recuse themselves from voting on sections to which their specific relationships with industry may apply; see [Appendix 1](#) for detailed information. †ACC/AHA Task Force on Clinical Practice Guidelines Liaison. ‡ACC/AHA Representative. §HRS Representative. ||ACEP and SAEM Joint Representative. ¶ACC/AHA Task Force on Performance Measures Liaison.

This document was approved by the American College of Cardiology Clinical Policy Approval Committee on behalf of the Board of Trustees, the American Heart Association Science Advisory and Coordinating Committee, the American Heart Association Executive Committee, and the Heart Rhythm Society Board of Trustees in January 2017.

The American College of Cardiology requests that this document be cited as follows: Shen W-K, Sheldon RS, Benditt DG, Cohen MI, Forman DE, Goldberger ZD, Grubb BP, Hamdan MH, Krahn AD, Link MS, Olshansky B, Raj SR, Sandhu RK, Sorajja D, Sun BC, Yancy CW. 2017 ACC/AHA/HRS guideline for the evaluation and management of patients with syncope: a report of the American College of Cardiology/American Heart Association Task Force on Clinical Practice Guidelines and the Heart Rhythm Society. *J Am Coll Cardiol* 2017;70:e39-110.

This article has been copublished in *Circulation* and *HeartRhythm*.

Copies: This document is available on the World Wide Web sites of the American College of Cardiology (www.acc.org), the American Heart Association (professional.heart.org), and the Heart Rhythm Society (www.hrsonline.org). For copies of this document, please contact the Elsevier Reprint Department via fax (212-633-3820) or e-mail (reprints@elsevier.com).

Permissions: Multiple copies, modification, alteration, enhancement, and/or distribution of this document are not permitted without the express permission of the American College of Cardiology. Requests may be completed online via the Elsevier site (<http://www.elsevier.com/about/policies/author-agreement/obtaining-permission>).

ACC/AHA Task Force Members Glenn N. Levine, MD, FACC, FAHA, *Chair*
Patrick T. O’Gara, MD, MACC, FAHA, *Chair-Elect*
Jonathan L. Halperin, MD, FACC, FAHA,
Immediate Past Chair#

Sana M. Al-Khatib, MD, MHS, FACC, FAHA
Kim K. Birtcher, MS, PHARM, AACC
Biykem Bozkurt, MD, PhD, FACC, FAHA
Ralph G. Brindis, MD, MPH, MACC#
Joaquin E. Cigarroa, MD, FACC
Lesley H. Curtis, PhD, FAHA
Lee A. Fleisher, MD, FACC, FAHA

Federico Gentile, MD, FACC
Samuel Gidding, MD, FAHA
Mark A. Hlatky, MD, FACC
John Ikonomidis, MD, PhD, FAHA
José Joglar, MD, FACC, FAHA
Susan J. Pressler, PhD, RN, FAHA
Duminda N. Wijeyesundera, MD, PhD

#Former Task Force member; current member during the writing effort.

TABLE OF CONTENTS

PREAMBLE	e41	3.3.2. Neurological and Imaging Diagnostics: Recommendations	e61
1. INTRODUCTION	e43	4. MANAGEMENT OF CARDIOVASCULAR CONDITIONS	e62
1.1. Methodology and Evidence Review	e43	4.1. Arrhythmic Conditions: Recommendations	e62
1.2. Organization of the Writing Committee	e44	4.1.1. Bradycardia: Recommendation	e62
1.3. Document Review and Approval	e44	4.1.2. Supraventricular Tachycardia: Recommendations	e63
1.4. Scope of the Guideline	e44	4.1.3. Ventricular Arrhythmia: Recommendation	e63
2. GENERAL PRINCIPLES	e45	4.2. Structural Conditions: Recommendations	e63
2.1. Definitions: Terms and Classification	e45	4.2.1. Ischemic and Nonischemic Cardiomyopathy: Recommendation	e64
2.2. Epidemiology and Demographics	e45	4.2.2. Valvular Heart Disease: Recommendation	e64
2.3. Initial Evaluation of Patients With Syncope	e47	4.2.3. Hypertrophic Cardiomyopathy: Recommendation	e64
2.3.1. History and Physical Examination: Recommendation	e48	4.2.4. Arrhythmogenic Right Ventricular Cardiomyopathy: Recommendations	e65
2.3.2. Electrocardiography: Recommendation	e49	4.2.5. Cardiac Sarcoidosis: Recommendations	e65
2.3.3. Risk Assessment: Recommendations	e49	4.3. Inheritable Arrhythmic Conditions: Recommendations	e66
2.3.4. Disposition After Initial Evaluation: Recommendations	e51	4.3.1. Brugada Syndrome: Recommendations	e66
3. ADDITIONAL EVALUATION AND DIAGNOSIS	e53	4.3.2. Short-QT Syndrome: Recommendation	e67
3.1. Blood Testing: Recommendations	e54	4.3.3. Long-QT Syndrome: Recommendations	e67
3.2. Cardiovascular Testing: Recommendations	e54	4.3.4. Catecholaminergic Polymorphic Ventricular Tachycardia: Recommendations	e68
3.2.1. Cardiac Imaging: Recommendations	e55	4.3.5. Early Repolarization Pattern: Recommendations	e69
3.2.2. Stress Testing: Recommendation	e56	5. REFLEX CONDITIONS: RECOMMENDATIONS	e70
3.2.3. Cardiac Monitoring: Recommendations	e56	5.1. Vasovagal Syncope: Recommendations	e70
3.2.4. In-Hospital Telemetry: Recommendation	e58		
3.2.5. Electrophysiological Study: Recommendations	e58		
3.2.6. Tilt-Table Testing: Recommendations	e59		
3.3. Neurological Testing: Recommendations	e60		
3.3.1. Autonomic Evaluation: Recommendation	e60		

Download English Version:

<https://daneshyari.com/en/article/5607398>

Download Persian Version:

<https://daneshyari.com/article/5607398>

[Daneshyari.com](https://daneshyari.com)