#### FOCUSED UPDATE

# 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

Endorsed by the Latin American Society of Interventional Cardiology

# PCI Writing Committee\*

Glenn N. Levine, MD, FACC, FAHA, Chair†
Eric R. Bates, MD, FACC, FAHA, FSCAI, Vice Chair\*†
James C. Blankenship, MD, FACC, FAHA, FSCAI,
Vice Chair\*‡

Steven R. Bailey, MD, FACC, FSCAI\*‡
John A. Bittl, MD, FACC†
Bojan Cercek, MD, FACC, FAHA†
Charles E. Chambers, MD, FACC, FSCAI‡
Stephen G. Ellis, MD, FACC\*†
Robert A. Guyton, MD, FACC§
Steven M. Hollenberg, MD, FACC\*†
Umesh N. Khot, MD, FACC\*†

Richard A. Lange, MD, FACC, FAHA† Laura Mauri, MD, MSc, FACC, FSCAI\*† Roxana Mehran, MD, FACC, FAHA, FSCAI\*‡ Issam D. Moussa, MD, FACC, FAHA, FSCAI‡ Debabrata Mukherjee, MD, FACC, FAHA, FSCAI† Henry H. Ting, MD, FACC, FAHA†

\*Writing committee members are required to recuse themselves from voting on sections to which their specific relationships with industry may apply; see Appendixes 1 and 2 for detailed information. †ACC/AHA Representative. ‡SCAI Representative. §ACC/AHA Task Force on Clinical Practice Guidelines Liaison.

## STEMI Writing Committee\*

Patrick T. O'Gara, MD, FACC, FAHA, *Chair*† Frederick G. Kushner, MD, FACC, FAHA, FSCAI, *Vice Chair*†

Deborah D. Ascheim, MD, FACC||
Ralph G. Brindis, MD, MPH, MACC, FSCAI, FAHA§
Donald E. Casey, JR, MD, MPH, MBA, FAHA¶
Mina K. Chung, MD, FACC, FAHA\*†
James A. de Lemos, MD, FACC\*†
Deborah B. Diercks, MD, MSC#
James C. Fang, MD, FACC, FAHA\*†
Barry A. Franklin, PhD, FAHA†
Christopher B. Granger, MD, FACC, FAHA\*†
Harlan M. Krumholz, MD, SM, FACC, FAHA\*†
Jane A. Linderbaum, MS, CNP-BC†

David A. Morrow, MD, MPH, FACC, FAHA\*†
L. Kristin Newby, MD, MHS, FACC, FAHA\*†
Joseph P. Ornato, MD, FACC, FAHA, FACP, FACEP\*†
Narith Ou, PharmD†
Martha J. Radford, MD, FACC, FAHA†
Jacqueline E. Tamis-Holland, MD, FACC, FSCAI†
Carl L. Tommaso, MD, FACC, FAHA, MSCAI‡
Cynthia M. Tracy, MD, FACC, FAHA†
Y. Joseph Woo, MD, FACC, FAHA†
David X. Zhao, MD, FACC\*†

 $\parallel$ Dr. Deborah D. Ascheim accepted a position at Capricor Therapeutics in August 2015, after the writing effort was completed. In accordance with ACC/AHA policy, she recused herself from the final voting process. §ACP Representative. #ACEP Representative.

### ACC/AHA Task Force Members

Jonathan L. Halperin, MD, FACC, FAHA, *Chair* Glenn N. Levine, MD, FACC, FAHA, *Chair-Elect* Jeffrey L. Anderson, MD, FACC, FAHA, *Immediate Past Chair\*\** 

Nancy M. Albert, PhD, RN, FAHA\*\*
Sana M. Al-Khatib, MD, MHS, FACC, FAHA
Kim K. Birtcher, PharmD, MS, 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
Jose Joglar, MD, FACC, FAHA
Richard J. Kovacs, MD, FACC, FAHA\*\*
E. Magnus Ohman, MD, FACC\*
Susan J. Pressler, PhD, RN, FAHA
Frank W. Sellke, MD, FACC, FAHA\*\*
Win-Kuang Shen, MD, FACC, FAHA\*\*
Duminda N. Wijeysundera, MD, PhD

#### **TABLE OF CONTENTS**

1. INTRODUCTION	37
1.1. Methodology and Evidence Review 12	37
1.2. Organization of the GWC	38
1.3. Review and Approval 12	38
2. CULPRIT ARTERY-ONLY VERSUS MULTIVESSEL	
PCI	39
3. ASPIRATION THROMBECTOMY	40
REFERENCES 12	41
APPENDIX 1	
Author Relationships With Industry and Other Entities	
(Relevant)	12

PREAMBLE 1236

#### **APPENDIX 2**

#### **APPENDIX 3**

## **PREAMBLE**

To ensure that guidelines reflect current knowledge, available treatment options, and optimum medical care, existing clinical practice guideline recommendations are modified and new recommendations are added in response to new data, medications or devices. To keep pace with evolving evidence, the American College

This document was approved by the American College of Cardiology Board of Trustees and Executive Committee, the American Heart Association Science Advisory and Coordinating Committee, and the Society of Cardiovascular Angiography and Interventions in September 2015, and by the American Heart Association Executive Committee in October 2015.

The American College of Cardiology requests that this document be cited as follows: Levine GN, O'Gara PT, Bates ER, Blankenship JC, Kushner FG, Ascheim DD, Bailey SR, Bittl JA, Brindis RG, Casey DE Jr, Cercek B, Chambers CE, Chung MK, de Lemos JA, Diercks DB, Ellis SG, Fang JC, Franklin BA, Granger CB, Guyton RA, Hollenberg SM, Khot UN, Krumholz HM, Lange RA, Linderbaum JA, Mauri L, Mehran R, Morrow DA, Moussa ID, Mukherjee D, Newby LK, Ornato JP, Ou N, Radford MJ, Tamis-Holland JE, Ting HH, Tommaso CL, Tracy CM, Woo YJ, Zhao DX. 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: a report of the American College of Cardiology/American Heart Association Task Force on Clinical Practice Guidelines and the Society for Cardiovascular Angiography and Interventions. J Am Coll Cardiol 2016;67:1235-50.

This article has been copublished in Circulation and Catheterization and Cardiovascular Interventions.

Copies: This document is available on the World Wide Web sites of the American College of Cardiology (www.acc.org), the American Heart Association (my. americanheart.org), and the Society for Cardiovascular Angiography and Interventions (www.scai.org). For copies of this document, please contact Elsevier Reprints Department via fax (212) 633-3820, or e-mail reprints@elsevier.com.

Permissions: Multiple copies, modification, alteration, enhancement, and/or distribution of this document is 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/authors/obtainingpermission-to-re-use-elsevier-material).

<sup>\*\*</sup>Former Task Force member; current member during the writing effort.

## Download English Version:

# https://daneshyari.com/en/article/5981810

Download Persian Version:

https://daneshyari.com/article/5981810

<u>Daneshyari.com</u>