

EXPERT CONSENSUS DECISION PATHWAY

2017 ACC Expert Consensus Decision Pathway on Management of Bleeding in Patients on Oral Anticoagulants

A Report of the American College of Cardiology Task Force on Expert Consensus Decision Pathways

Writing Committee

Gordon F. Tomaselli, MD, FACC, *Chair*
 Kenneth W. Mahaffey, MD, FACC, *Vice Chair*

Adam Cuker, MD, MS
 Paul P. Dobesh, PHARM D
 John U. Doherty, MD, FACC
 John W. Eikelboom, MBBS
 Roberta Florido, MD

William Hucker, MD, PhD
 Roxana Mehran, MD, FACC
 Steven R. Messé, MD
 Charles V. Pollack, Jr, MA, MD
 Fatima Rodriguez, MD
 Ravindra Sarode, MD
 Deborah Siegal, MD, MSC
 Barbara S. Wiggins, PHARM D, FACC

Task Force on Expert Consensus Decision Pathways

James L. Januzzi, Jr, MD, FACC, *Chair*
 Luis C. Afonso, MBBS, FACC
 Brendan Everett, MD, FACC
 Adrian F. Hernandez, MD, FACC
 William Hucker, MD, PhD
 Hani Jneid, MD, FACC

Dharam J. Kumbhani, MD, SM, FACC
 Joseph E. Marine, MD, FACC
 Pamela Bowe Morris, MD, FACC
 Robert Piana, MD, FACC
 Karol E. Watson, MD, FACC
 Barbara S. Wiggins, PHARM D, FACC

This document was approved by the American College of Cardiology Clinical Policy Approval Committee in October 2017.

The American College of Cardiology requests that this document be cited as follows: Tomaselli GF, Mahaffey KW, Cuker A, Dobesh PP, Doherty JU, Eikelboom JW, Florido R, Hucker W, Mehran R, Messé SR, Pollack CV Jr., Rodriguez F, Sarode R, Siegel D, Wiggins BS. 2017 ACC expert consensus decision pathway on management of bleeding in patients on oral anticoagulants: a report of the American College of Cardiology Task Force on Expert Consensus Decision Pathways. *J Am Coll Cardiol* 2017;70:XXX-XX.

Copies: This document is available on the World Wide Web site of the American College of Cardiology (www.acc.org). For copies of this document, please contact Elsevier Inc. 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 (<https://www.elsevier.com/about/our-business/policies/copyright/permissions>).

TABLE OF CONTENTS

PREFACE	■
1. INTRODUCTION	■
2. METHODS	■
3. ASSUMPTIONS AND DEFINITIONS	■
3.1. General Clinical Assumptions	■
3.2. Definitions	■
4. PATHWAY SUMMARY GRAPHIC	■
Figure 1. Summary Graphic	■
5. DESCRIPTION AND RATIONALE	■
Figure 2. Assessing Bleed Severity and Managing Major and Nonmajor Bleeds	■
5.1. Assessing Bleed Severity	■
5.2. Defining Bleed Severity	■
Table 1. Critical Site Bleeds	■
5.3. Laboratory Measurement	■
Table 2. Suggestions for Laboratory Measurement of DOACs When Specialized Assays are Available	■
Table 3. Suggestions for Laboratory Measurement of DOACs When Specialized Assays are not Available	■
5.4. Managing Major Bleeds	■
5.5. Managing Nonmajor Bleeds	■
5.6. OAC Reversal Strategies	■
Figure 3. Guidance for Administering Reversal Agents	■
Table 4. Recommended Durations for Withholding DOACs Based on Procedural Bleed Risk and Estimated CrCl When There Are No Increased Patient Bleed Risk Factors	■
Table 5. Available Reversal Agents and Suggested Use	■
5.7. Considerations for Restarting Anticoagulation	■
Figure 4. Considerations for Restarting Anticoagulation	■
Table 6. Indications for Anticoagulation With High Thrombotic Risk	■
Figure 5. Restarting Anticoagulation	■
Figure 6. Factors to Consider in Delaying Restart of Anticoagulation	■
Table 7. Components of the Clinician-Patient Discussion	■
6. DISCUSSION AND IMPLICATION OF PATHWAY	■
ACC PRESIDENT AND STAFF	■
REFERENCES	■

APPENDIX 1

Author Relationships With Industry and Other Entities (Relevant)

APPENDIX 2

Peer Reviewer Relationships With Industry and Other Entities (Comprehensive)

APPENDIX 3

Abbreviations

PREFACE

The American College of Cardiology (ACC) develops a number of policy documents to provide members with guidance on clinical topics. Although clinical practice guidelines remain the primary mechanism for offering evidence-based recommendations, such guidelines may contain gaps in how to make clinical decisions, particularly when equipoise is present in a topic. Expert Consensus Documents are intended to provide guidance for clinicians in areas in which evidence may be limited or new and evolving, or in which data are insufficient to fully inform clinical decision making.

In an effort to increase the impact of ACC policy on patient care, an ACC Presidential Task Force was formed in 2014 to examine the ACC's clinical documents. The main recommendation of the Task Force was a new focus on concise decision pathways and/or key points of care, instead of the traditional longer documents. The Task Force also established criteria for identifying high-value clinical topics to be addressed, as well as an innovative approach to collecting stakeholder input through a roundtable or think tank meeting. To complement the new focus on brief decision pathways and key points, Expert Consensus Documents were rebranded "Expert Consensus Decision Pathways" (ECDPs).

Although ECDPs have a new format, they maintain the same goal of Expert Consensus Documents: to develop policy based on expert opinion in areas for which important clinical decisions are not adequately addressed by available data. ECDPs are designed to complement the guidelines and bridge the gaps in clinical guidance that remain. In some cases, topics covered by ECDPs will be addressed subsequently by ACC/American Heart Association guidelines as the evidence base evolves. The writing groups are charged with developing algorithms that are more actionable and can be implemented into tools or apps to accelerate the use of these documents at point of care. Decision Pathways are not intended to provide a single correct answer, but to encourage clinicians to ask certain questions and consider important factors as they come to their own decision on a treatment plan to be

Download English Version:

<https://daneshyari.com/en/article/8666830>

Download Persian Version:

<https://daneshyari.com/article/8666830>

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