CLINICAL RESEARCH

Trends in the Use of Guideline-Directed Therapies Among Dialysis Patients Hospitalized With Systolic Heart Failure



Findings From the American Heart Association Get With The Guidelines-Heart Failure Program

Ambarish Pandey, MD,^a Harsh Golwala, MD,^b Adam D. DeVore, MD,^c Di Lu, MS,^c George Madden, MD,^d Deepak L. Bhatt, MD, MPH,^e Phillip J. Schulte, PhD,^c Paul A. Heidenreich, MD, MS,^f Clyde W. Yancy, MD,^g Adrian F. Hernandez, MD, MHS,^c Gregg C. Fonarow, MD^h

JACC: HEART FAILURE CME

This article has been selected as the month's *JACC: Heart Failure* CME activity, available online at http://www.acc.org/jacc-journals-cme by selecting the CME tab on the top navigation bar.

Accreditation and Designation Statement

The American College of Cardiology Foundation (ACCF) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The ACCF designates this Journal-based CME activity for a maximum of 1 AMA PRA Category 1 Credit(s). Physicians should only claim credit commensurate with the extent of their participation in the activity.

Method of Participation and Receipt of CME Certificate

To obtain credit for JACC: Heart Failure CME, you must:

- 1. Be an ACC member or JACC subscriber.
- Carefully read the CME-designated article available online and in this issue of the journal.
- Answer the post-test questions. At least 2 out of the 3 questions provided must be answered correctly to obtain CME credit.
- 4. Complete a brief evaluation.

Claim your CME credit and receive your certificate electronically by following the instructions given at the conclusion of the activity.

CME Objective for This Article: After reading this article, the reader should be able to discuss: 1) the proportion of hospitalizations for systolic heart failure that are for patients with dialysis at admission; 2) how adherence to heart failure process of care measures has changed over time for dialysis patients hospitalized with systolic heart failure; and 3) how clinical outcomes have changed over time for dialysis patients hospitalized with systolic heart failure

CME Editor Disclosure: Deputy Managing Editor Mona Fiuzat, PharmD, FACC, has received research support from ResMed, Gilead, Critical Diagnostics, Otsuka, and Roche Diagnostics. Tariq Ahmad, MD, MPH, has received a travel scholarship from Thoratec. Robert Mentz, MD, has received a travel scholarship from Thoratec; research grants from Gilead; research support from ResMed, Otsuka, Bristol-Myers Squibb, Astra-Zeneca, Novartis, and GlaxoSmithKline; and travel related to investigator meetings from ResMed, Bristol-Myers Squibb, Astra-Zeneca, Novartis, and GlaxoSmithKline. Adam DeVore, MD, has received research support from the American Heart Association, Novartis Pharmaceuticals, Thoratec, and Amgen.

From the ^aDivision of Cardiology, University of Texas Southwestern Medical Center, Dallas, Texas; ^bDivision of Cardiology, University of Louisville School of Medicine, Louisville, Kentucky; ^cDuke Clinical Research Institute, Durham, North Carolina; ^dIntegris Southwest Medical Center, Oklahoma City, Oklahoma; ^eBrigham and Women's Hospital Heart & Vascular Center and Harvard Medical School, Boston, Massachusetts; ^fDivision of Cardiology, Stanford University, Palo Alto, California; ^gDivision of Cardiology, Northwestern University, Chicago, Illinois; and the ^hRonald Reagan-UCLA Medical Center, Los Angeles, California. The American Heart Association provides the Get With The Guidelines Heart Failure program (GWTG-HF). GWTG-HF has been previously funded through support from Medtronic, GlaxoSmithKline, Ortho-McNeil, and the AHA Pharmaceutical Roundtable. Dr. Devore has received research support from Amgen, the American Heart Association, and Novartis. Dr. Bhatt is a member of the Advisory Board for Cardax, Elsevier Practice Update Cardiology, Medscape Cardiology, and Regado Biosciences; is a member of the Board of Directors of the Boston VA Research Institute, Society of Cardiovascular Patient Care; is the Chair of the American Heart Association Quality Oversight Committee; is a member of the Data Monitoring Committees for Duke Clinical

Author Disclosures: The American Heart Association provides the Get With The Guidelines Heart Failure program (GWTG-HF). GWTG-HF has been previously funded through support from Medtronic, GlaxoSmithKline, Ortho-McNeil, and the AHA Pharmaceutical Roundtable, Dr. Devore has received research support from Amgen, the American Heart Association, and Novartis. Dr. Bhatt is a member of the Advisory Board for Cardax, Elsevier Practice Update Cardiology, Medscape Cardiology, and Regado Biosciences; is a member of the Board of Directors of the Boston VA Research Institute, Society of Cardiovascular Patient Care; is the Chair of the American Heart Association Quality Oversight Committee; is a member of the Data Monitoring Committees for Duke Clinical Research Institute, Harvard Clinical Research Institute, Mayo Clinic, and Population Health Research Institute; has received honoraria from the American College of Cardiology (Senior Associate Editor, Clinical Trials and News, ACC.org), Belvoir Publications (Editor in Chief, Harvard Heart Letter), Duke Clinical Research Institute (clinical trial steering committees), Harvard Clinical Research Institute (clinical trial steering committee), HMP Communications (Editor in Chief, Journal of Invasive Cardiology), Journal of the American College of Cardiology (Guest Editor; Associate Editor), Population Health Research Institute (clinical trial steering committee), Slack Publications (Chief Medical Editor, Cardiology Today's Intervention), Society of Cardiovascular Patient Care (Secretary/ Treasurer), WebMD (CME steering committees); and other: Clinical Cardiology (Deputy Editor), NCDR-ACTION Registry Steering Committee (Vice-Chair), VA CART Research and Publications Committee (Chair); has received research funding from Amarin, AstraZeneca, Bristol-Myers Squibb, Eisai, Ethicon, Forest Laboratories, Ischemix, Medtronic, Pfizer, Roche, Sanofi Aventis, and The Medicines Company; has received royalties from Elsevier (Editor, Cardiovascular Intervention: A Companion to Braunwald's Heart Disease); has been a site coinvestigator for Biotronik, Boston Scientific, St. Jude Medical; has been a trustee for the American College of Cardiology; and has performed unfunded research for FlowCo, PLx Pharma, and Takeda. Dr. Hernandez has received research funding from Amgen, Janssen, Novartis, Portola, and Bristol-Myers Squibb; and has received consulting fees from Bristol-Myers Squibb, Gilead, Boston Scientific, Janssen, and Novartis. Dr. Fonarow has received research funding from the Agency for Healthcare Research and Quality and National Institutes of Health; and has received consulting fees from Amgen, Baxter, Bayer, Janssen, Novartis, and Medtronic. All other authors have reported that they have no no relationships relevant to the conents of this paper to disclose.

Medium of Participation: Print (article only); online (article and quiz).

CME Term of Approval

Issue date: August 2016 Expiration date: July 31, 2017

Research Institute, Harvard Clinical Research Institute, Mayo Clinic, and Population Health Research Institute; has received honoraria from the American College of Cardiology (Senior Associate Editor, Clinical Trials and News, ACC.org), Belvoir Publications (Editor in Chief, Harvard Heart Letter), Duke Clinical Research Institute (clinical trial steering committees), Harvard Clinical Research Institute (clinical trial steering committee), HMP Communications (Editor in Chief, Journal of Invasive Cardiology), Journal of the American College of Cardiology (Guest Editor; Associate Editor), Population Health Research Institute (clinical trial steering committee), Slack Publications (Chief Medical Editor, Cardiology Today's Intervention), Society of Cardiovascular Patient Care (Secretary/Treasurer), WebMD (CME steering committees); and other: Clinical Cardiology (Deputy Editor), NCDR-ACTION Registry Steering Committee (Vice-Chair), VA CART Research and Publications Committee (Chair); has received research funding from Amarin, AstraZeneca, Bristol-Myers Squibb, Eisai, Ethicon, Forest Laboratories, Ischemix, Medtronic, Pfizer, Roche, Sanofi Aventis, and The Medicines Company; has received royalties from Elsevier (Editor, Cardiovascular Intervention: A Companion to Braunwald's Heart Disease); has been a site co-investigator for Biotronik, Boston Scientific, St. Jude Medical; has been a trustee for the American College of Cardiology; and has performed unfunded research for FlowCo, PLx Pharma, and Takeda. Dr. Hernandez has received research funding from Amgen, Janssen, Novartis, Portola, and Bristol-Myers Squibb; and has received consulting fees from Bristol-Myers Squibb, Gilead, Boston Scientific, Janssen, and Novartis. Dr. Fonarow has received research funding from the Agency for Healthcare Research and Quality and National Institutes of Health; and has received consulting fees from Amgen, Baxter, Bayer, Janssen, Novartis, and Medtronic. All other authors have reported that they have no no relationships relevant to the conents of this paper to disclose.

Download English Version:

https://daneshyari.com/en/article/2942320

Download Persian Version:

https://daneshyari.com/article/2942320

<u>Daneshyari.com</u>