



## Kenneth Mahaffey

Professor of Medicine (Cardiovascular Medicine) at the Stanford University Medical Center

Medicine - Cardiovascular Medicine

### CLINICAL OFFICES

- **Stanford Hospital and Clinics**

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Stanford, CA 94304

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### ACADEMIC CONTACT INFORMATION

- **Administrative Contact**

Christina Milcarek - Administrative Associate

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### Bio

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#### BIO

Clinical Focus: Cardiovascular Medicine

Research Focus:

My primary research interest is the design and conduct of multicenter clinical trials and analyses of important clinical cardiac issues using large patient databases. My research focuses on novel anticoagulation agents for the treatment of acute coronary syndromes and atrial fibrillation, the study of agents targeted to protect the myocardium during reperfusion therapy for acute myocardial infarction, and the evaluation of cardiovascular safety of diabetic therapies. I am also interested in the methodology of clinical trials. Current research activities include standardization of the definition of myocardial infarction used in clinical trials, the adjudication of suspected clinical endpoint events by Clinical Event Committees (CEC), and the efficient operational conduct of large multinational clinical trials.

Administrative Focus: Vice Chair of Clinical Research in the Department of Medicine and Member of the Stanford IRB

Professional Training:

1985 Stanford University, BS Chemistry

1989 University of Washington, MD

1993 University of Arizona, Internship/Residency/Chief Residency

1996 Duke University, Fellowship in Cardiology

1996 Duke University, Faculty in Cardiology

2013 Stanford University, Vice Chair of Clinical Research, Department of Medicine

## CLINICAL FOCUS

- Cardiovascular Disease

## ACADEMIC APPOINTMENTS

- Professor - Med Center Line, Medicine - Cardiovascular Medicine
- Member, Cardiovascular Institute

## ADMINISTRATIVE APPOINTMENTS

- Vice Chair of Clinical Research, Department of Medicine, (2013- present)
- Member, Stanford Diabetes Research Center, (2017- present)

## BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Editorial Board Member, Current Cardiology Reviews (2004 - present)
- Associate Editor, American Heart Journal (2005 - present)
- Editorial Board Member, Current Cardiology Reports (2012 - present)
- Editorial Board Member, Cardiology & Therapy Journal (2012 - present)

## PROFESSIONAL EDUCATION

- Fellowship: Duke University (1996) NC
- Residency: University of Arizona Internal Medicine Residency (1993) AZ
- Medical Education: University of Washington Medical Center (1989) WA
- Board Certification: Cardiovascular Disease, American Board of Internal Medicine (1997)

## Research & Scholarship

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### CLINICAL TRIALS

- Project Baseline Health Study, Not Recruiting
- Vorapaxar Study for Maturation of AV Fistulae for Hemodialysis Access, Not Recruiting

### PROJECTS

- Financial Disclosures

## Publications

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### PUBLICATIONS

- **Alirocumab and Cardiovascular Outcomes after Acute Coronary Syndrome.** *The New England journal of medicine*  
Schwartz, G. G., Steg, P. G., Szarek, M., Bhatt, D. L., Bittner, V. A., Diaz, R., Edelberg, J. M., Goodman, S. G., Hanotin, C., Harrington, R. A., Jukema, J. W., Lecorps, G., Mahaffey, et al  
2018
- **Early therapeutic persistence on dabigatran versus warfarin therapy in patients with atrial fibrillation: results from the Outcomes Registry for Better Informed Treatment of Atrial Fibrillation (ORBIT-AF) registry** *JOURNAL OF THROMBOSIS AND THROMBOLYSIS*  
Jackson, L. R., Kim, S., Shrader, P., Blanco, R., Thomas, L., Ezekowitz, M. D., Ansell, J., Fonarow, G. C., Gersh, B. J., Go, A. S., Kowey, P. R., Mahaffey, K. W., Hylek, et al  
2018; 46 (4): 435–39
- **Cardiovascular and Renal Outcomes With Canagliflozin According to Baseline Kidney Function: Data From the CANVAS Program** *CIRCULATION*  
Neuen, B. L., Ohkuma, T., Neal, B., Matthews, D. R., de Zeeuw, D., Mahaffey, K. W., Fulcher, G., Desai, M., Li, Q., Deng, H., Rosenthal, N., Jardine, M. J., Bakris, et al

2018; 138 (15): 1537–50

- **Cardiovascular Outcomes After Lower Extremity Endovascular or Surgical Revascularization** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*  
Baumgartner, I., Norgren, L., Fowkes, F. R., Mulder, H., Patel, M. R., Berger, J. S., Jones, W., Rockhold, F. W., Katona, B. G., Mahaffey, K., Hiatt, W. R., Executive Comm Investigators EUCLI  
2018; 72 (14): 1563–72
- **Academic health centers: integration of clinical research with healthcare and education. Comments on a workshop.** *Clinics (Sao Paulo, Brazil)*  
Arai, R. J., Noronha, I. d., Nicolau, J. C., Schmidt, C., de Albuquerque, G. M., Mahaffey, K. W., Krieger, E. M., Auler Junior, J. O.  
2018; 73 (suppl 1): e515s
- **Pharmacotherapy for Atrial Fibrillation in Patients With Chronic Kidney Disease: Insights From ORBIT-AF.** *Journal of the American Heart Association*  
Washam, J. B., Holmes, D. N., Thomas, L. E., Pokorney, S. D., Hylek, E. M., Fonarow, G. C., Mahaffey, K. W., Gersh, B. J., Kowey, P. R., Ansell, J. E., Go, A. S., Reiffel, J. A., Freeman, et al  
2018; 7 (18): e008928
- **Rationale and design of a large-scale, app-based study to identify cardiac arrhythmias using a smartwatch: The Apple Heart Study.** *American heart journal*  
Turakhia, M. P., Desai, M., Hedlin, H., Rajmane, A., Talati, N., Ferris, T., Desai, S., Nag, D., Patel, M., Kowey, P., Rumsfeld, J. S., Russo, A. M., Hills, et al  
2018
- **Effects of genetic variation in protease activated receptor 4 after an acute coronary syndrome: Analysis from the TRACER trial** *BLOOD CELLS MOLECULES AND DISEASES*  
Tricoci, P., Neely, M., Whitley, M. J., Edelstein, L. C., Simon, L. M., Shaw, C., Fortina, P., Moliterno, D. J., Armstrong, P. W., Aylward, P., White, H., Van de Werf, F., Jennings, et al  
2018; 72: 37–43
- **Stroke Risk and Treatment in Patients with Atrial Fibrillation and Low CHA2DS2-VASc Scores: Findings From the ORBIT-AF I and II Registries.** *Journal of the American Heart Association*  
Jackson, L. R., Kim, S., Fonarow, G. C., Freeman, J. V., Gersh, B. J., Go, A. S., Hylek, E. M., Kowey, P. R., Mahaffey, K. W., Singer, D., Thomas, L., Blanco, R., Peterson, et al  
2018; 7 (16): e008764
- **Letter by Matthews et al Regarding Article, "Class Effect for Sodium Glucose-Cotransporter-2 Inhibitors in Cardiovascular Outcomes: Implications for the Cardiovascular Disease Specialist"** *CIRCULATION*  
Matthews, D. R., Perkovic, V., Mahaffey, K. W.  
2018; 138 (6): 660–61
- **Selective Serotonin Reuptake Inhibitors and Bleeding Risk in Anticoagulated Patients With Atrial Fibrillation: An Analysis From the ROCKET AF Trial.** *Journal of the American Heart Association*  
Quinn, G. R., Hellkamp, A. S., Hankey, G. J., Becker, R. C., Berkowitz, S. D., Breithardt, G., Fava, M., Fox, K. A., Halperin, J. L., Mahaffey, K. W., Nessel, C. C., Patel, M. R., Piccini, et al  
2018; 7 (15): e008755
- **Safety of ticagrelor in patients with baseline conduction abnormalities: A PLATO (Study of Platelet Inhibition and Patient Outcomes) analysis** *AMERICAN HEART JOURNAL*  
Scirica, B. M., Bansilal, S., Davoudi, F., Armstrong, P. W., Clare, R. M., Schulte, P. J., Pieper, K. S., Becker, R. C., James, S. K., Storey, R. F., Steg, P., Held, C., Himmelmann, et al  
2018; 202: 54–60
- **Canagliflozin and Heart Failure in Type 2 Diabetes Mellitus: Results From the CANVAS Program** *CIRCULATION*  
Radholm, K., Figtree, G., Perkovic, V., Solomon, S. D., Mahaffey, K. W., de Zeeuw, D., Fulcher, G., Barrett, T. D., Shaw, W., Desai, M., Matthews, D. R., Neal, B.  
2018; 138 (5): 458–68
- **Discharge timing and outcomes after uncomplicated non-ST-segment elevation acute myocardial infarction** *AMERICAN HEART JOURNAL*  
Rymer, J. A., Tempelhof, M. W., Clare, R. M., Pieper, K. S., Granger, C. B., Van de Werf, F., Moliterno, D. J., Harrington, R. A., White, H. D., Armstrong, P. W., Lopes, R. D., Mahaffey, K. W., Newby, et al  
2018; 201: 103–10
- **Incidence, timing, and type of first and recurrent ischemic events in patients with and without peripheral artery disease after an acute coronary syndrome** *AMERICAN HEART JOURNAL*

- Inohara, T., Pieper, K., Wojdyla, D. M., Patel, M. R., Jones, W., Tricoci, P., Mahaffey, K. W., James, S. K., Alexander, J. H., Lopes, R. D., Wallentin, L., Oilman, E., Roe, et al  
2018; 201: 25–32
- **Definitions of peri-procedural myocardial infarction and the association with one-year mortality: Insights from CHAMPION trials.** *International journal of cardiology*  
Olivier, C. B., Sundaram, V., Bhatt, D. L., Leonardi, S., Lopes, R. D., Ding, V. Y., Yang, L., Stone, G. W., Steg, P. G., Gibson, C. M., Hamm, C. W., Price, M. J., White, et al  
2018
  - **Initiating anticoagulation with the intention of cardioverting: does drug choice matter?** *European heart journal*  
Mahaffey, K. W., Turakhia, M. P.  
2018
  - **Effects of sodium-glucose cotransporter-2 inhibitors on cardiovascular disease, death and safety outcomes in type 2 diabetes - A systematic review** *DIABETES RESEARCH AND CLINICAL PRACTICE*  
Radholm, K., Wu, J. Y., Wong, M., Foote, C., Fulcher, G., Mahaffey, K. W., Perkovic, V., Neal, B.  
2018; 140: 118–28
  - **Impact of polyvascular disease on patients with atrial fibrillation: Insights from ROCKET AF** *AMERICAN HEART JOURNAL*  
Chen, S. T., Hellkamp, A. S., Becker, R. C., Berkowitz, S. D., Breithardt, G., Fox, K. A., Hacke, W., Halperin, J. L., Hankey, G. J., Mahaffey, K. W., Nessel, C. C., Piccini, J. P., Singer, et al  
2018; 200: 102–9
  - **Prognostic and Practical Validation of Current Definitions of Myocardial Infarction Associated With Percutaneous Coronary Intervention** *JACC-CARDIOVASCULAR INTERVENTIONS*  
Tricoci, P., Newby, L., Clare, R. M., Leonardi, S., Gibson, C., Giugliano, R. P., Armstrong, P. W., Van de Werf, F., Montalescot, G., Moliterno, D. J., Held, C., Aylward, P. E., Wallentin, et al  
2018; 11 (9): 856+
  - **External validation of the TIMI risk score for secondary cardiovascular events among patients with recent myocardial infarction** *ATHEROSCLEROSIS*  
Williams, B. A., Chagin, K. M., Bash, L. D., Boden, W. E., Duval, S., Fowkes, F. R., Mahaffey, K. W., Patel, M. D., D'Agostino, R. B., Peterson, E. D., Kattan, M. W., Bhatt, D. L., Bonaca, et al  
2018; 272: 80–86
  - **Mineralocorticoid Receptor Antagonism in Patients With Atrial Fibrillation: Findings From the ORBIT-AF (Outcomes Registry for Better Informed Treatment of Atrial Fibrillation) Registry** *JOURNAL OF THE AMERICAN HEART ASSOCIATION*  
Fudim, M., Liu, P. R., Shrader, P., Blanco, R. G., Allen, L. A., Fonarow, G. C., Gersh, B. J., Kowey, P. R., Mahaffey, K. W., Hylek, E., Go, A. S., Thomas, L., Peterson, et al  
2018; 7 (8)
  - **Net clinical benefit of rivaroxaban compared with warfarin in atrial fibrillation: Results from ROCKET AF** *INTERNATIONAL JOURNAL OF CARDIOLOGY*  
Barnett, A. S., Cyr, D. D., Goodman, S. G., Levitan, B. S., Yuan, Z., Hankey, G. J., Singer, D. E., Becker, R. C., Breithardt, G., Berkowitz, S. D., Halperin, J. L., Hacke, W., Mahaffey, et al  
2018; 257: 78–83
  - **Incidence, Predictors, and Outcomes of Acquired Thrombocytopenia After Percutaneous Coronary Intervention: A Pooled, Patient-Level Analysis of the CHAMPION Trials (Cangrelor Versus Standard Therapy to Achieve Optimal Management of Platelet Inhibition).** *Circulation. Cardiovascular interventions*  
Groves, E. M., Bhatt, D. L., Steg, P. G., Deliargyris, E. N., Stone, G. W., Gibson, C. M., Hamm, C. W., Mahaffey, K. W., White, H. D., Angiolillo, D., Prats, J., Harrington, R. A., Price, et al  
2018; 11 (4): e005635
  - **Optimised care of elderly patients with acute coronary syndrome** *EUROPEAN HEART JOURNAL-ACUTE CARDIOVASCULAR CARE*  
Leonardi, S., Bueno, H., Ahrens, I., Hassager, C., Bonnefoy, E., Lettino, M.  
2018; 7 (3): 287–95
  - **THE EFFICACY AND SAFETY OF CANGRELOR FOR PATIENTS UNDERGOING SINGLE VESSEL VERSUS MULTI VESSEL PERCUTANEOUS CORONARY INTERVENTION: INSIGHTS FROM THE CHAMPION PHOENIX TRIAL**  
Olivier, C., Abnoui, F., Sundaram, V., Yang, J., Stone, G., Steg, P., Gibson, C., Hamm, C., Price, M., Deliargyris, E., Prats, J., White, H., Harrington, et al  
ELSEVIER SCIENCE INC.2018: 29

- **2017 Cardiovascular and Stroke Endpoint Definitions for Clinical Trials** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*  
Hicks, K. A., Mahaffey, K. W., Mehran, R., Nissen, S. E., Wiviott, S. D., Dunn, B., Solomon, S. D., Marler, J. R., Teerlink, J. R., Farb, A., Morrow, D. A., Targum, S. L., Sila, et al  
2018; 71 (9): 1021–34
- **Disease understanding in patients newly diagnosed with atrial fibrillation** *HEART*  
Kaufman, B. G., Kim, S., Pieper, K., Allen, L. A., Gersh, B. J., Naccarelli, G. V., Ezekowitz, M. D., Fonarow, G. C., Mahaffey, K. W., Singer, D. E., Chan, P. S., Freeman, J. V., Ansell, et al  
2018; 104 (6): 494–501
- **2017 Cardiovascular and Stroke Endpoint Definitions for Clinical Trials** *CIRCULATION*  
Hicks, K. A., Mahaffey, K. W., Mehran, R., Nissen, S. E., Wiviott, S. D., Dunn, B., Solomon, S. D., Mar-Ler, J. R., Teerlink, J. R., Farb, A., Morrow, D. A., Targum, S. L., Sila, et al  
2018; 137 (9): 961–72
- **Frequency and Outcomes of Reduced Dose Non-Vitamin K Antagonist Anticoagulants: Results From ORBIT-AF II (The Outcomes Registry for Better Informed Treatment of Atrial Fibrillation II)** *JOURNAL OF THE AMERICAN HEART ASSOCIATION*  
Steinberg, B. A., Shrader, P., Pieper, K., Thomas, L., Allen, L. A., Ansell, J., Chan, P. S., Ezekowitz, M. D., Fonarow, G. C., Freeman, J. V., Gersh, B. J., Kowey, P. R., Mahaffey, et al  
2018; 7 (4)
- **Short- and long-term mortality following bleeding events in patients undergoing percutaneous coronary intervention: insights from four validated bleeding scales in the CHAMPION trials** *EUROINTERVENTION*  
Vaduganathan, M., Harrington, R. A., Stone, G. W., Steg, P., Gibson, C., Hamm, C. W., Price, M. J., Lopes, R. D., Leonardi, S., Deliangryis, E. N., Prats, J., Mahaffey, K. W., White, et al  
2018; 13 (15): 1841–49
- **Ischaemic Events and Stent Thrombosis following Planned Discontinuation of Study Treatment with Ticagrelor or Clopidogrel in the PLATO Study** *THROMBOSIS AND HAEMOSTASIS*  
Storey, R. F., Ardissino, D., Vignali, L., Cairns, R., Becker, R. C., Cannon, C. P., Mahaffey, K. W., Himmelmann, A., Katus, H. A., James, S. K., Wallentin, L., PLATO Investigators  
2018; 118 (2): 427–29
- **Clinical features and outcomes of patients with type 2 myocardial infarction: Insights from the Thrombin Receptor Antagonist for Clinical Event Reduction in Acute Coronary Syndrome (TRACER) trial** *AMERICAN HEART JOURNAL*  
Guimaraes, P. O., Leonardi, S., Huang, Z., Wallentin, L., Van de Werf, F., Aylward, P. E., Held, C., Harrington, R. A., Moliterno, D. J., Armstrong, P. W., White, H. D., Alexander, K. P., Lopes, et al  
2018; 196: 28–35
- **Canagliflozin for Primary and Secondary Prevention of Cardiovascular Events: Results From the CANVAS Program (Canagliflozin Cardiovascular Assessment Study)** *CIRCULATION*  
Mahaffey, K. W., Neal, B., Perkovic, V., de Zeeuw, D., Fulcher, G., Erondou, N., Shaw, W., Fabbrini, E., Sun, T., Li, Q., Desai, M., Matthews, D. R., CANVAS Program Collaborative Grp  
2018; 137 (4): 323–34
- **Cangrelor compared with clopidogrel in patients with prior myocardial infarction - Insights from the CHAMPION trials** *INTERNATIONAL JOURNAL OF CARDIOLOGY*  
Eisen, A., Harrington, R. A., Stone, G. W., Steg, P., Gibson, C., Hamm, C. W., Price, M. J., Prats, J., Deliangryis, E. N., Mahaffey, K. W., White, H. D., Bhatt, D. L., CHAMPION Investigators  
2018; 250: 49–55
- **Association of Healthcare Plan with Atrial Fibrillation Prescription Patterns.** *Clinical cardiology*  
Chang, A. Y., Askari, M., Fan, J., Heidenreich, P. A., Ho, P. M., Mahaffey, K. W., Ullal, A. J., Perino, A. C., Turakhia, M. P.  
2018
- **Outcomes of Patients with Critical Limb Ischaemia in the EUCLID Trial** *EUROPEAN JOURNAL OF VASCULAR AND ENDOVASCULAR SURGERY*  
Norgren, L., Patel, M. R., Hiatt, W. R., Wojdyla, D. M., Fowkes, F. R., Baumgartner, I., Mahaffey, K. W., Berger, J. S., Jones, W., Katona, B. G., Held, P., Blomster, J. I., Rockhold, et al  
2018; 55 (1): 109–17
- **Efficacy and safety of rivaroxaban compared with warfarin in patients with carotid artery disease and nonvalvular atrial fibrillation: Insights from the ROCKET AF trial** *CLINICAL CARDIOLOGY*

- Kochar, A., Hellkamp, A. S., Lokhnygina, Y., Jones, W., Becker, R. C., Berkowitz, S. D., Breithardt, G., Fox, K. A., Halperin, J. L., Hankey, G. J., Mahaffey, K. W., Nessel, C. C., Singer, et al  
2018; 41 (1): 39–45
- **Anticoagulant and antiplatelet therapy choices for patients with atrial fibrillation one year after coronary stenting or acute coronary syndrome** *EXPERT OPINION ON DRUG SAFETY*  
Olivier, C. B., Turakhia, M. P., Mahaffey, K. W.  
2018; 17 (3): 251–58
  - **Canagliflozin for Primary and Secondary Prevention of Cardiovascular Events in Type 2 Diabetes: Results From the CANVAS Program**  
Mahaffey, K. W., Neal, B., Perkovic, V., de Zeeuw, D., Fulcher, G., Erondou, N., Shaw, W., Sun, T., Desai, M., Matthews, D. R., CANVAS Program Collaborative Grp  
LIPPINCOTT WILLIAMS & WILKINS.2017: E454–E455
  - **International trends in clinical characteristics and oral anticoagulation treatment for patients with atrial fibrillation: Results from the GARFIELD-AF, ORBIT-AF I, and ORBIT-AF II registries** *AMERICAN HEART JOURNAL*  
Steinberg, B. A., Gao, H., Shrader, P., Pieper, K., Thomas, L., Camm, A., Ezekowitz, M. D., Fonarow, G. C., Gersh, B. J., Goldhaber, S., Haas, S., Hacke, W., Kowey, et al  
2017; 194: 132–40
  - **Prevalence, Characteristics, and Outcomes of Valvular Heart Disease in Patients With Atrial Fibrillation: Insights From the ORBIT-AF (Outcomes Registry for Better Informed Treatment for Atrial Fibrillation)** *JOURNAL OF THE AMERICAN HEART ASSOCIATION*  
Thomas, K. L., Jackson, L. R., Shrader, P., Ansell, J., Fonarow, G. C., Gersh, B., Kowey, P. R., Mahaffey, K. W., Singer, D. E., Thomas, L., Piccini, J. P., Peterson, E. D.  
2017; 6 (12)
  - **Outcome of Patients Receiving Thrombolytic Therapy While on Rivaroxaban for Nonvalvular Atrial Fibrillation (from Rivaroxaban Once Daily Oral Direct Factor Xa Inhibition Compared With Vitamin K Antagonism for Prevention of Stroke and Embolism Trial in Atrial Fibrillation)** *AMERICAN JOURNAL OF CARDIOLOGY*  
Chen, S. T., Hellkamp, A. S., Becker, R. C., Berkowitz, S. D., Breithardt, G., Fox, K. A., Hacke, W., Halperin, J. L., Hankey, G. J., Mahaffey, K. W., Nessel, C. C., Piccini, J. P., Singer, et al  
2017; 120 (10): 1837–40
  - **Treatment of Atrial Fibrillation and Concordance With the American Heart Association/American College of Cardiology/Heart Rhythm Society Guidelines: Findings From ORBIT-AF (Outcomes Registry for Better Informed Treatment of Atrial Fibrillation).** *Circulation. Arrhythmia and electrophysiology*  
Barnett, A. S., Kim, S., Fonarow, G. C., Thomas, L. E., Reiffel, J. A., Allen, L. A., Freeman, J. V., Naccarelli, G., Mahaffey, K. W., Go, A. S., Kowey, P. R., Ansell, J. E., Gersh, et al  
2017; 10 (11)
  - **Cangrelor in Older Patients Undergoing Percutaneous Coronary Intervention Findings From CHAMPION PHOENIX** *CIRCULATION-CARDIOVASCULAR INTERVENTIONS*  
Cavender, M. A., Bhatt, D. L., Stone, G. W., Steg, P., Gibson, C., Hamm, C. W., Price, M. J., Prats, J., Elkin, S., Deliargyris, E. N., Mahaffey, K. W., White, H. D., Harrington, et al  
2017; 10 (8)
  - **Management and outcomes of patients with atrial fibrillation and a history of cancer: the ORBIT-AF registry** *EUROPEAN HEART JOURNAL-QUALITY OF CARE AND CLINICAL OUTCOMES*  
Melloni, C., Shrader, P., Carver, J., Piccini, J. P., Thomas, L., Fonarow, G. C., Ansell, J., Gersh, B., Go, A. S., Hylek, E., Herling, I. M., Mahaffey, K. W., Yu, et al  
2017; 3 (3): 192–97
  - **Relation of Risk of Stroke in Patients With Atrial Fibrillation to Body Mass Index (from Patients Treated With Rivaroxaban and Warfarin in the Rivaroxaban Once Daily Oral Direct Factor Xa Inhibition Compared with Vitamin K Antagonism for Prevention of Stroke and Embolism Trial in Atrial Fibrillation Trial).** *American journal of cardiology*  
Balla, S. R., Cyr, D. D., Lokhnygina, Y., Becker, R. C., Berkowitz, S. D., Breithardt, G., Fox, K. A., Hacke, W., Halperin, J. L., Hankey, G. J., Mahaffey, K. W., Nessel, C. C., Piccini, et al  
2017; 119 (12): 1989-1996
  - **Cangrelor reduces the risk of ischemic complications in patients with single-vessel and multi-vessel disease undergoing percutaneous coronary intervention: Insights from the CHAMPION PHOENIX trial.** *American heart journal*  
Abnoui, F., Sundaram, V., Yong, C. M., Prats, J., Deliargyris, E. N., Stone, G. W., Hamm, C. W., Steg, P. G., Gibson, C. M., White, H. D., Price, M. J., G n reux, P., Desai, et al

2017; 188: 147-155

- **Safety and Efficacy of Rivaroxaban in Patients With Cardiac Implantable Electronic Devices: Observations From the ROCKET AF Trial** *JOURNAL OF THE AMERICAN HEART ASSOCIATION*  
Leef, G. C., Hellkamp, A. S., Patel, M. R., Becker, R. C., Berkowitz, S. D., Breithardt, G., Halperin, J. L., Hankey, G. J., Hacke, W., Nessel, C. C., Singer, D. E., Fox, K. A., Mahaffey, et al  
2017; 6 (6)
- **Effect of Atrial Fibrillation on Mortality, Stroke Risk, and Quality-of-Life Scores in Patients With Heart Failure (from the Outcomes Registry for Better Informed Treatment of Atrial Fibrillation [ORBIT-AF]).** *American journal of cardiology*  
Cherian, T. S., Shrader, P., Fonarow, G. C., Allen, L. A., Piccini, J. P., Peterson, E. D., Thomas, L., Kowey, P. R., Gersh, B. J., Mahaffey, K. W.  
2017; 119 (11): 1763-1769
- **Oral anticoagulation management in patients with atrial fibrillation undergoing cardiac implantable electronic device implantation.** *Clinical cardiology*  
Black-Maier, E., Kim, S., Steinberg, B. A., Fonarow, G. C., Freeman, J. V., Kowey, P. R., Ansell, J., Gersh, B. J., Mahaffey, K. W., Naccarelli, G., Hylek, E. M., Go, A. S., Peterson, et al  
2017
- **Management of Major Bleeding in Patients With Atrial Fibrillation Treated With Non-Vitamin K Antagonist Oral Anticoagulants Compared With Warfarin in Clinical Practice (from Phase II of the Outcomes Registry for Better Informed Treatment of Atrial Fibrillation [ORBIT-AF II]).** *American journal of cardiology*  
Steinberg, B. A., Simon, D. N., Thomas, L., Ansell, J., Fonarow, G. C., Gersh, B. J., Kowey, P. R., Mahaffey, K. W., Peterson, E. D., Piccini, J. P.  
2017; 119 (10): 1590-1595
- **Adjuvant Antithrombotic Therapy in TAVR** *CURRENT CARDIOLOGY REPORTS*  
O'Malley, R. G., Mahaffey, K. W., Fearon, W. F.  
2017; 19 (5)
- **Noncentral Nervous System Systemic Embolism in Patients With Atrial Fibrillation Results From ROCKET AF (Rivaroxaban Once Daily, Oral, Direct Factor Xa Inhibition Compared With Vitamin K Antagonism for Prevention of Stroke and Embolism Trial in Atrial Fibrillation)** *CIRCULATION-CARDIOVASCULAR QUALITY AND OUTCOMES*  
Orgel, R., Wojdyla, D., Huberman, D., Halperin, J. L., Breithardt, G., Singer, D. E., Fox, K. A., Hankey, G. J., Mahaffey, K. W., Jones, W. S., Patel, M. R.  
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