



William Fearon, MD

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

Medicine - Cardiovascular Medicine

CLINICAL OFFICES

- **Cardiovascular Medicine**

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Bio

BIO

Dr. Fearon graduated from Dartmouth College and received his medical degree from Columbia University College of Physicians and Surgeons, where he was elected into the Alpha Omega Alpha Medical Honor Society. He completed an Internal Medicine residency at Stanford University Medical Center serving an extra year as a Medical Chief Resident. He completed a General Cardiology and Interventional Cardiology fellowship at Stanford, spending his third year as the Chief Cardiology Fellow. He is currently a Professor of Medicine (Cardiology) and Director of Interventional Cardiology at Stanford University. Dr. Fearon is board certified in cardiovascular medicine and interventional cardiology, and he is a fellow of the American College of Cardiology and the Society of Cardiovascular Angiography and Interventions. He was elected to the American Society of Clinical Investigation.

Dr. Fearon's primary area of research interest is in coronary physiology. He was the US principal investigator and senior author of the FAME trial, published in the New England Journal of Medicine and is a co-principal investigator and senior author of the FAME 2 trial, also published in the New England Journal of Medicine. He has presented and published a number of abstracts and peer-reviewed papers in this area, and serves on the editorial board of Circulation, the Journal of the American College of Cardiology, JACC Cardiovascular Interventions, and Circulation: Cardiovascular Interventions. He is the principal investigator on an R01 award from the NIH evaluating cardiac allograft vasculopathy. Dr. Fearon's clinical activities include not only percutaneous coronary intervention, but also transcatheter aortic valve replacement.

CLINICAL FOCUS

- Interventional Cardiology
- Coronary Artery Disease
- Transcatheter aortic valve replacement
- Aortic Stenosis
- Coronary Physiology
- Cardiology

ACADEMIC APPOINTMENTS

- Professor - Med Center Line, Medicine - Cardiovascular Medicine

- Member, Cardiovascular Institute

ADMINISTRATIVE APPOINTMENTS

- Director, Interventional Cardiology, Stanford University Medical Center, (2013- present)

PROFESSIONAL EDUCATION

- Fellowship: Stanford University School of Medicine Registrar (2002) CA
- Fellowship: Stanford University School of Medicine Registrar (1998) CA
- Residency: Stanford University School of Medicine Registrar (1997) CA
- Board Certification: Interventional Cardiology, American Board of Internal Medicine (2002)
- Board Certification: Cardiovascular Disease, American Board of Internal Medicine (2001)
- Internship: Stanford University Medical Center (1995) CA
- M.D., Columbia University College of Physicians and Surgeons , Medicine (1994)
- B.A., Dartmouth College , English (1990)

LINKS

- Video Story: <http://www.youtube.com/watch?v=Qkxsr6vLK-A>
- Video Story: <http://www.youtube.com/watch?v=Qkxsr6vLK-A>

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Dr. Fearon's general research interest is coronary physiology. In particular, he is investigating invasive methods for evaluating the coronary microcirculation. His research is currently funded by an NIH R01 Award.

CLINICAL TRIALS

- A Comparison of Fractional Flow Reserve-Guided Percutaneous Coronary Intervention and Coronary Artery Bypass Graft Surgery in Patients With Multivessel Coronary Artery Disease, Recruiting
- Portico Re-sheathable Transcatheter Aortic Valve System US IDE Trial, Recruiting
- Angiotensin Converting Enzyme (ACE) Inhibition and Cardiac Allograft Vasculopathy, Not Recruiting
- Assessment of Catheter-based Interrogation and Standard Techniques for Fractional Flow Reserve Measurement, Not Recruiting
- CONTRAST (Can cONTrast Injection Better Approximate FFR compAred to Pure reSTing Physiology?), Not Recruiting
- FAME II - Fractional Flow Reserve (FFR) Guided Percutaneous Coronary Intervention (PCI) Plus Optimal Medical Treatment (OMT) Verses OMT, Not Recruiting
- Fractional Flow Reserve Versus Angiography for Multivessel Evaluation (F.A.M.E.), Not Recruiting
- PCSK9 Inhibition After Heart Transplantation, Not Recruiting
- TAXUS Libert# Post Approval Study, Not Recruiting

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Medicine (Masters Program)

Publications

PUBLICATIONS

- **Five-Year Outcomes with PCI Guided by Fractional Flow Reserve.** *The New England journal of medicine*
Xaplanteris, P., Fournier, S., Pijls, N. H., Fearon, W. F., Barbato, E., Tonino, P. A., Engstrom, T., Kaab, S., Dambrink, J., Rioufol, G., Toth, G. G., Piroth, Z., Witt, et al
2018
- **Clinical Outcomes and Cost-Effectiveness of Fractional Flow Reserve-Guided Percutaneous Coronary Intervention in Patients With Stable Coronary Artery Disease: Three-Year Follow-Up of the FAME 2 Trial (Fractional Flow Reserve Versus Angiography for Multivessel Evaluation)** *CIRCULATION*
Fearon, W. F., Nishi, T., De Bruyne, B., Boothroyd, D. B., Barbato, E., Tonino, P., Juni, P., Pijls, N. J., Hlatky, M. A., FAME 2 Trial Investigators
2018; 137 (5): 480-87
- **Invasive Assessment of the Coronary Microvasculature: The Index of Microcirculatory Resistance.** *Circulation. Cardiovascular interventions*
Fearon, W. F., Kobayashi, Y.
2017; 10 (12)
- **Transcatheter or Surgical Aortic-Valve Replacement in Intermediate-Risk Patients** *NEW ENGLAND JOURNAL OF MEDICINE*
Leon, M. B., Smith, C. R., Mack, M. J., Makkar, R. R., Svensson, L. G., Kodali, S. K., Thourani, V. H., Tuzcu, E. M., Miller, D. C., Herrmann, H. C., Doshi, D., Cohen, D. J., Pichard, et al
2016; 374 (17): 1609-1620
- **The Prognostic Value of Residual Coronary Stenoses After Functionally Complete Revascularization** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*
Kobayashi, Y., Nam, C., Tonino, P. A., Kimura, T., De Bruyne, B., Pijls, N. H., Fearon, W. F.
2016; 67 (14): 1701-1711
- **Invasive Coronary Physiology for Assessing Intermediate Lesions** *CIRCULATION-CARDIOVASCULAR INTERVENTIONS*
Fearon, W. F.
2015; 8 (2)
- **Fractional flow reserve-guided PCI.** *New England journal of medicine*
De Bruyne, B., Fearon, W. F., Juni, P.
2015; 372 (1): 95-?
- **Fractional Flow Reserve-Guided PCI for Stable Coronary Artery Disease** *NEW ENGLAND JOURNAL OF MEDICINE*
De Bruyne, B., Fearon, W. F., Pijls, N. H., Barbato, E., Tonino, P., Piroth, Z., Jagic, N., Mobius-Winckler, S., Rioufol, G., Witt, N., Kala, P., MacCarthy, P., Engstrom, et al
2014; 371 (13): 1208-1217
- **Fractional flow reserve-guided PCI for stable coronary artery disease.** *New England journal of medicine*
De Bruyne, B., Fearon, W. F., Pijls, N. H., Barbato, E., Tonino, P., Piroth, Z., Jagic, N., Mobius-Winckler, S., Rioufol, G., Witt, N., Kala, P., MacCarthy, P., Engström, et al
2014; 371 (13): 1208-1217
- **Fractional Flow Reserve- Guided Percutaneous Coronary Intervention: Is it a Valid Concept?** *CIRCULATION*
Fearon, W. F.
2014; 129 (18): 1860-1870
- **Cost-Effectiveness of Percutaneous Coronary Intervention in Patients With Stable Coronary Artery Disease and Abnormal Fractional Flow Reserve** *CIRCULATION*
Fearon, W. F., Shilane, D., Pijls, N. H., Boothroyd, D. B., Tonino, P. A., Barbato, E., Juni, P., De Bruyne, B., Hlatky, M. A.
2013; 128 (12): 1335-1340
- **Prognostic Value of the Index of Microcirculatory Resistance Measured After Primary Percutaneous Coronary Intervention** *CIRCULATION*
Fearon, W. F., Low, A. F., Yong, A. S., McGeoch, R., Berry, C., Shah, M. G., Ho, M. Y., Kim, H., Loh, J. P., Oldroyd, K. G.
2013; 127 (24): 2436-2441
- **Fractional Flow Reserve-Guided PCI versus Medical Therapy in Stable Coronary Disease** *NEW ENGLAND JOURNAL OF MEDICINE*

- De Bruyne, B., Pijls, N. H., Kalesan, B., Barbato, E., Tonino, P. A., Piroth, Z., Jagic, N., Mobius-Winckler, S., Rioufol, G., Witt, N., Kala, P., MacCarthy, P., Engstrom, et al
2012; 367 (11): 991-1001
- **Functional SYNTAX Score for Risk Assessment in Multivessel Coronary Artery Disease** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*
Nam, C., Mangiacapra, F., Entjes, R., Chung, I., Sels, J., Tonino, P. A., De Bruyne, B., Pijls, N. H., Fearon, W. F.
2011; 58 (12): 1211-1218
 - **Economic Evaluation of Fractional Flow Reserve-Guided Percutaneous Coronary Intervention in Patients With Multivessel Disease** *CIRCULATION*
Fearon, W. F., Bornschein, B., Tonino, P. A., Gothe, R. M., De Bruyne, B., Pijls, N. H., Siebert, U.
2010; 122 (24): 2545-2550
 - **Fractional Flow Reserve versus Angiography for Guiding Percutaneous Coronary Intervention** *NEW ENGLAND JOURNAL OF MEDICINE*
Tonino, P. A., De Bruyne, B., Pijls, N. H., Siebert, U., Ikeno, F., van 't Veer, M., Klauss, V., Manoharan, G., Engstrom, T., Oldroyd, K. G., Lee, P. N., MacCarthy, P. A., Fearon, et al
2009; 360 (3): 213-224
 - **Predictive value of the index of microcirculatory resistance in patients with ST-segment elevation myocardial infarction** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*
Fearon, W. F., Shah, M., Ng, M., Brinton, T., Wilson, A., Tremmel, J. A., Schnitger, I., Lee, D. P., Vagelos, R. H., Fitzgerald, P. J., Yock, P. G., Yeung, A. C.
2008; 51 (5): 560-565
 - **Rationale and design of the fractional flow reserve versus angiography for multivessel evaluation (FAME) study** *AMERICAN HEART JOURNAL*
Fearon, W. F., Tonino, P. A., De Bruyne, B., Siebert, U., Pijls, N. H.
2007; 154 (4): 632-636
 - **Invasive assessment of the coronary microcirculation - Superior reproducibility and less hemodynamic dependence of index of microcirculatory resistance compared with coronary flow reserve** *CIRCULATION*
Ng, M. K., Yeung, A. C., Fearon, W. F.
2006; 113 (17): 2054-2061
 - **Microvascular resistance is not influenced by epicardial coronary artery stenosis severity - Experimental validation** *CIRCULATION*
Fearon, W. F., Aarnoudse, W., Pijls, N. H., De Bruyne, B., Balsam, L. B., Cooke, D. T., Robbins, R. C., Fitzgerald, P. J., Yeung, A. C., Yock, P. G.
2004; 109 (19): 2269-2272
 - **Novel index for invasively assessing the coronary microcirculation** *CIRCULATION*
Fearon, W. F., Balsam, L. B., Farouque, H. M., Robbins, R. C., Fitzgerald, P. J., Yock, P. G., Yeung, A. C.
2003; 107 (25): 3129-3132
 - **Sex Differences in Adenosine-Free Coronary Pressure Indexes: A CONTRAST Substudy.** *JACC. Cardiovascular interventions*
Shah, S. V., Zimmermann, F. M., Johnson, N. P., Nishi, T., Kobayashi, Y., Witt, N., Berry, C., Jeremias, A., Koo, B., Esposito, G., Rioufol, G., Park, S., Oldroyd, et al
2018
 - **Fractional flow reserve derived from routine coronary angiography.** *International journal of cardiology*
Nishi, T., Fearon, W. F.
2018
 - **Standardized End Point Definitions for Coronary Intervention Trials** *EUROPEAN HEART JOURNAL*
Garcia-Garcia, H. M., McFadden, E. P., Farb, A., Mehran, R., Stone, G. W., Spertus, J., Onuma, Y., Morel, M., van Es, G., Zuckerman, B., Fearon, W. F., Taggart, D., Kappetein, et al
2018; 39 (23): 2192-2207
 - **Standardized End Point Definitions for Coronary Intervention Trials The Academic Research Consortium-2 Consensus Document** *CIRCULATION*
Garcia-Garcia, H. M., McFadden, E. P., Farb, A., Mehran, R., Stone, G. W., Spertus, J., Onuma, Y., Morel, M., van Es, G., Zuckerman, B., Fearon, W. F., Taggart, D., Kappetein, et al
2018; 137 (24): 2635-50
 - **Index of Microcirculatory Resistance and Infarct Size.** *JACC. Cardiovascular imaging*
Fearon, W. F., Dash, R.
2018

- **Angiography Versus Hemodynamics to Predict the Natural History of Coronary Stenoses Fractional Flow Reserve Versus Angiography in Multivessel Evaluation 2 Substudy** *CIRCULATION*
Ciccarelli, G., Barbato, E., Toth, G. G., Gahl, B., Xaplanteris, P., Fournier, S., Milkas, A., Bartunek, J., Vanderheyden, M., Pijls, N., Tonino, P., Fearon, W. F., Juni, et al
2018; 137 (14): 1475–85
- **PREDICTING MORTALITY WITH AORTOMITRAL CALCIFICATIONS IN 317 TAVR PATIENTS**
Willeminck, M., Maret, E., Moneghetti, K., Kim, J., Haddad, F., Kobayashi, Y., Higashigaito, K., Yeung, A., Lee, A., Miller, D., Fischbein, M., Fearon, W., Fleischmann, et al
ELSEVIER SCIENCE INC.2018: 1591
- **IMPACT OF ENDOTHELIN-1 ON CARDIAC ALLOGRAFT VASCULOPATHY, LATE MORTALITY AND RE-TRANSPLANTATION FOLLOWING HEART TRANSPLANTATION**
Parikh, R., Khush, K., Luikart, H., Grimm, D., Yu, M., Yeung, A., Valentine, H., Fearon, W.
ELSEVIER SCIENCE INC.2018: 2667
- **THE PROGNOSTIC VALUE OF COMPUTED TOMOGRAPHY FRAILTY MEASURES FOR PROLONGED HOSPITAL STAY AFTER TAVR IN 429 PATIENTS**
Maret, E., Willeminck, M., Moneghetti, K., Kim, J., Haddad, F., Kobayashi, Y., Miller, C., Yeung, A., Fishbein, M., Fearon, W., Fleischmann, D.
ELSEVIER SCIENCE INC.2018: 1414
- **SEX DIFFERENCES AND ADENOSINE FREE CORONARY PRESSURE INDICES: A CONTRAST SUBSTUDY**
Shah, S., Zimmermann, F. M., Johnson, N., Nishi, T., Kobayashi, Y., Witt, N., Berry, C., Jeremias, A., Koo, B., Esposito, G., Rioufol, G., Park, S., Oldroyd, et al
ELSEVIER SCIENCE INC.2018: 1183
- **PROGNOSTIC VALUE OF THE INDEX OF MICROCIRCULATORY RESISTANCE AFTER PERCUTANEOUS CORONARY INTERVENTION IN PATIENTS WITH STABLE CORONARY ARTERY DISEASE**
Nishi, T., Murai, T., Ciccarelli, G., Kobayashi, Y., Waseda, K., Hirohata, A., Amano, T., Barbato, E., Kakuta, T., Fearon, W.
ELSEVIER SCIENCE INC.2018: 1173
- **Invasive physiological indices to determine the functional significance of coronary stenosis** *IJC HEART & VASCULATURE*
AL-Obaidi, F. R., Fearon, W. F., Yong, A. C.
2018; 18: 39–45
- **Change in lymphocyte to neutrophil ratio predicts acute rejection after heart transplantation.** *International journal of cardiology*
Choi, D. H., Kobayashi, Y., Nishi, T., Luikart, H., Dimbil, S., Kobashigawa, J., Khush, K., Fearon, W. F.
2018; 251: 58–64
- **Long-term prognostic value of invasive and non-invasive measures early after heart transplantation.** *International journal of cardiology*
Kobayashi, Y., Kobayashi, Y., Yang, H. M., Bouajila, S., Luikart, H., Nishi, T., Choi, D. H., Schnittger, I., Valentine, H. A., Khush, K. K., Yeung, A. C., Haddad, F., Fearon, et al
2018; 260: 31–35
- **Response by Kobayashi et al to Letter Regarding Article, "Three-Vessel Assessment of Coronary Microvascular Dysfunction in Patients with Clinical Suspicion of Ischemia: Prospective Observation Study With the Index of Microcirculatory Resistance".** *Circulation. Cardiovascular interventions*
Kobayashi, Y., Fearon, W. F., Nishi, T., Choi, D. H., Lee, J. M., Lee, J. H., Zimmermann, F. M., Jung, J. H., Lee, H. J., Doh, J. H., Nam, C. W., Shin, E. S., Koo, et al
2018; 11 (2): e006302
- **Physiological Predictors of Acute Coronary Syndromes Emerging Insights From the Plaque to the Vulnerable Patient** *JACC-CARDIOVASCULAR INTERVENTIONS*
Ford, T. J., Berry, C., De Bruyne, B., Yong, A. C., Barlis, P., Fearon, W. F., Ng, M. C.
2017; 10 (24): 2539–47
- **Should We Just Go With the Flow?** *JACC-CARDIOVASCULAR INTERVENTIONS*
Chacko, Y., Fearon, W. F.
2017; 10 (24): 2525–27
- **Transapical Transcatheter Aortic Valve Replacement Is Associated With Increased Cardiac Mortality in Patients With Left Ventricular Dysfunction Insights From the PARTNER I Trial** *JACC-CARDIOVASCULAR INTERVENTIONS*

- Elmariah, S., Fearon, W. F., Inglessis, I., Vlahakes, G. J., Lindman, B. R., Alu, M. C., Crowley, A., Kodali, S., Leon, M. B., Svensson, L., Pibarot, P., Hahn, R. T., Thourani, et al
2017; 10 (23): 2414–22
- **ACIST-FFR Study (Assessment of Catheter-Based Interrogation and Standard Techniques for Fractional Flow Reserve Measurement).** *Circulation. Cardiovascular interventions*
Fearon, W. F., Chambers, J. W., Seto, A. H., Sarembock, I. J., Raveendran, G., Sakarovitch, C., Yang, L., Desai, M., Jeremias, A., Price, M. J., ACIST-FFR Study Investigators
2017; 10 (12)
 - **The Prognostic Value of Residual Coronary Stenosis After "Functionally" Complete Revascularization in Acute Coronary Syndrome: Insights from the DANAMI-3-PRIMULTI, FAME, and FAMOUS-NSTEMI**
Kobayashi, Y., Lonborg, J., Jong, A., Nishi, T., De Bruyne, B., Hofsten, D., Kelback, H., Layland, J., Nam, C., Pijls, N., Tonino, P., Warnoe, J., Oldroyd, et al
ELSEVIER SCIENCE INC.2017: B301–B302
 - **Long-Term Prognostic Value of Invasive and Non-Invasive Measures Early after Heart Transplantation**
Kobayashi, Y., Kobayashi, Y., Luikart, H., Nishi, T., Choi, D., Schnittger, I., Fearon, W.
ELSEVIER SCIENCE INC.2017: B273
 - **Brief Cognitive Behavioral Therapy for Patients Undergoing TAVR: A Randomized Controlled Trial**
Edwards, K., Hossepian, D., Johnson, A., Dao, C., Shah, S., Fearon, W.
ELSEVIER SCIENCE INC.2017: B174
 - **Atrial Fibrillation is Associated with Increased Mortality in Intermediate-Risk Patients Undergoing TAVR or SAVR: Insights From the PARTNER 2A and PARTNER 2 S3i Trials**
Biviano, A., Nazif, T., Dizon, J., Garan, H., Crowley, A., Malaisrie, S., Makkar, R., Thourani, V., Mack, M., Szeto, W. Y., Fearon, W., Leon, M., Kodali, et al
ELSEVIER SCIENCE INC.2017: B46–B47
 - **The Myocardial Contraction Fraction Predicts Adverse Events after Aortic Valve Replacement: An Analysis of 3,259 Patients from the Pooled PARTNER 2 Database**
Madhavan, M., Maurer, M., Redfors, B., Jaber, W., Pibarot, P., Douglas, P., Makkar, R., Thourani, V., Herrmann, H., Desai, N., Mack, M., Elmariah, S., Fearon, et al
ELSEVIER SCIENCE INC.2017: B158
 - **Prognostic Value of Fractional Flow Reserve Measured Immediately After Drug-Eluting Stent Implantation** *CIRCULATION-CARDIOVASCULAR INTERVENTIONS*
Piroth, Z., Toth, G. G., Tonino, P. L., Barbato, E., Aghlmandi, S., Curzen, N., Rioufol, G., Pijls, N. J., Fearon, W. F., Juni, P., De Bruyne, B.
2017; 10 (8)
 - **Dynamic changes in aortic impedance after transcatheter aortic valve replacement and its impact on exploratory outcome.** *international journal of cardiovascular imaging*
Kobayashi, Y., Kim, J. B., Moneghetti, K. J., Kobayashi, Y., Zhang, R., Brenner, D. A., O'Malley, R., Schnittger, I., Fischbein, M., Miller, D. C., Yeung, A. C., Liang, D., Haddad, et al
2017
 - **Adjuvant Antithrombotic Therapy in TAVR** *CURRENT CARDIOLOGY REPORTS*
O'Malley, R. G., Mahaffey, K. W., Fearon, W. F.
2017; 19 (5)
 - **Diabetes does not impact the diagnostic performance of contrast-based fractional flow reserve: insights from the CONTRAST study** *CARDIOVASCULAR DIABETOLOGY*
Gargiulo, G., Stabile, E., Ferrone, M., Barbato, E., Zimmermann, F. M., Adedji, J., Hennigan, B., Matsumura, M., Johnson, N. P., Fearon, W. F., Jeremias, A., Trimarco, B., Esposito, et al
2017; 16
 - **Clinical value of post-percutaneous coronary intervention fractional flow reserve value: A systematic review and meta-analysis** *AMERICAN HEART JOURNAL*
Rimac, G., Fearon, W. F., De Bruyne, B., Ikeno, F., Matsuo, H., Piroth, Z., Costerousse, O., Bertrand, O. F.
2017; 183: 1-9
 - **Three-Vessel Assessment of Coronary Microvascular Dysfunction in Patients With Clinical Suspicion of Ischemia: Prospective Observational Study With the Index of Microcirculatory Resistance.** *Circulation. Cardiovascular interventions*

- Kobayashi, Y., Lee, J. M., Fearon, W. F., Lee, J. H., Nishi, T., Choi, D. H., Zimmermann, F. M., Jung, J. H., Lee, H. J., Doh, J. H., Nam, C. W., Shin, E. S., Koo, et al
2017; 10 (11)
- **GDF-15 (Growth Differentiation Factor 15) Is Associated With Lack of Ventricular Recovery and Mortality After Transcatheter Aortic Valve Replacement.** *Circulation. Cardiovascular interventions*
Kim, J. B., Kobayashi, Y., Moneghetti, K. J., Brenner, D. A., O'Malley, R., Schnittger, I., Wu, J. C., Murtagh, G., Beshiri, A., Fischbein, M., Miller, D. C., Liang, D., Yeung, et al
2017; 10 (12)
 - **The ratio of circulating regulatory cluster of differentiation 4 T cells to endothelial progenitor cells predicts clinically significant acute rejection after heart transplantation.** *The Journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation*
Choi, D. H., Chmura, S. A., Ramachandran, V., Dionis-Petersen, K. Y., Kobayashi, Y., Nishi, T., Luikart, H., Dimbil, S., Kobashigawa, J., Khush, K., Lewis, D. B., Fearon, W. F.
2017
 - **Incremental Value of Deformation Imaging and Hemodynamics Following Heart Transplantation: Insights From Graft Function Profiling.** *JACC. Heart failure*
Kobayashi, Y., Sudini, N. L., Rhee, J. W., Aymami, M., Moneghetti, K. J., Bouajila, S., Kobayashi, Y., Kim, J. B., Schnittger, I., Teuteberg, J. J., Khush, K. K., Fearon, W. F., Haddad, et al
2017; 5 (12): 930-39
 - **Influence of Contrast Media Dose and Osmolality on the Diagnostic Performance of Contrast Fractional Flow Reserve.** *Circulation. Cardiovascular interventions*
Nishi, T., Johnson, N. P., De Bruyne, B., Berry, C., Gould, K. L., Jeremias, A., Oldroyd, K. G., Kobayashi, Y., Choi, D. H., Pijls, N. H., Fearon, W. F.
2017; 10 (10)
 - **The Influence of Lesion Location on the Diagnostic Accuracy of Adenosine-Free Coronary Pressure Wire Measurements** *JACC-CARDIOVASCULAR INTERVENTIONS*
Kobayashi, Y., Johnson, N. P., Berry, C., De Bruyne, B., Gould, K. L., Jeremias, A., Oldroyd, K. G., Pijls, N. H., Fearon, W. F.
2016; 9 (23): 2390-2399
 - **A Prospective Natural History Study of Coronary Atherosclerosis Using Fractional Flow Reserve** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*
Barbato, E., Toth, G. G., Johnson, N. P., Pijls, N. H., Fearon, W. F., Tonino, P. A., Curzen, N., Piroth, Z., Rioufol, G., Juni, P., De Bruyne, B.
2016; 68 (21): 2247-2255
 - **Attenuated-Signal Plaque Progression Predicts Long-Term Mortality After Heart Transplantation: IVUS Assessment of Cardiac Allograft Vasculopathy.** *Journal of the American College of Cardiology*
Okada, K., Fearon, W. F., Luikart, H., Kitahara, H., Otagiri, K., Tanaka, S., Kimura, T., Yock, P. G., Fitzgerald, P. J., Yeung, A. C., Valentine, H. A., Khush, K. K., Honda, et al
2016; 68 (4): 382-392
 - **Impact of Age on the Functional Significance of Intermediate Epicardial Artery Disease** *CIRCULATION JOURNAL*
Jin, X., Lim, H., Tahk, S., Yang, H., Yoon, M., Choi, S., Choi, B., Yong, A. S., Fearon, W. F., Sheen, S. S., Seo, K., Shin, J.
2016; 80 (7): 1583-1589
 - **Salvage Extracorporeal Membrane Oxygenation Prior to "Bridge" Transcatheter Aortic Valve Replacement.** *Journal of cardiac surgery*
Chiu, P., Fearon, W. F., Raleigh, L. A., Burdon, G., Rao, V., Boyd, J. H., Yeung, A. C., Miller, D. C., Fischbein, M. P.
2016; 31 (6): 403-405
 - **Outcomes of a Dedicated Stent in Coronary Bifurcations with Large Side Branches: A Subanalysis of the Randomized TRYTON Bifurcation Study** *CATHETERIZATION AND CARDIOVASCULAR INTERVENTIONS*
Genereux, P., Kini, A., Lesiak, M., Kumsars, I., Fontos, G., Slagboom, T., Ungi, I., Metzger, D. C., Wykrzykowska, J. J., Stella, P. R., Bartorelli, A. L., Fearon, W. F., Lefevre, et al
2016; 87 (7): 1231-1241
 - **Association of periarterial neovascularization with progression of cardiac allograft vasculopathy and long-term clinical outcomes in heart transplant recipients** *JOURNAL OF HEART AND LUNG TRANSPLANTATION*
Kitahara, H., Okada, K., Tanaka, S., Yang, H., Miki, K., Kobayashi, Y., Kimura, T., Luikart, H., Yock, P. G., Yeung, A. C., Fitzgerald, P. J., Khush, K. K., Fearon, et al
2016; 35 (6): 752-759

- **Invasive Assessment of Coronary Physiology Predicts Late Mortality After Heart Transplantation** *CIRCULATION*
Yang, H., Khush, K., Luikart, H., Okada, K., Lim, H., Kobayashi, Y., Honda, Y., Yeung, A. C., Valentine, H., Fearon, W. F.
2016; 133 (20): 1945-1950
- **Continuum of Vasodilator Stress From Rest to Contrast Medium to Adenosine Hyperemia for Fractional Flow Reserve Assessment** *JACC-CARDIOVASCULAR INTERVENTIONS*
Johnson, N. P., Jeremias, A., Zimmermann, F. M., Adjedj, J., Witt, N., Hennigan, B., Koo, B., Maehara, A., Matsumura, M., Barbato, E., Esposito, G., Trimarco, B., Rioufol, et al
2016; 9 (8): 757-767
- **The impact of left ventricular ejection fraction on fractional flow reserve: Insights from the FAME (Fractional flow reserve versus Angiography for Multivessel Evaluation) trial** *INTERNATIONAL JOURNAL OF CARDIOLOGY*
Kobayashi, Y., Tonino, P. A., De Bruyne, B., Yang, H., Lim, H., Pijls, N. H., Fearon, W. F.
2016; 204: 206-210
- **Atrial Fibrillation Is Associated With Increased Mortality in Patients Undergoing Transcatheter Aortic Valve Replacement Insights From the Placement of Aortic Transcatheter Valve (PARTNER) Trial** *CIRCULATION-CARDIOVASCULAR INTERVENTIONS*
Biviano, A. B., Nazif, T., Dizon, J., Garan, H., Fleitman, J., Hassan, D., Kapadia, S., Babaliaros, V., Xu, K., Parvataneni, R., Rodes-Cabau, J., Szeto, W. Y., Fearon, et al
2016; 9 (1)
- **Paradoxical Vessel Remodeling of the Proximal Segment of the Left Anterior Descending Artery Predicts Long-Term Mortality After Heart Transplantation** *JACC-HEART FAILURE*
Okada, K., Kitahara, H., Yang, H., Tanaka, S., Kobayashi, Y., Kimura, T., Luikart, H., Yock, P. G., Yeung, A. C., Valentine, H. A., Fitzgerald, P. J., Khush, K. K., Honda, et al
2015; 3 (12): 942-952
- **Paradoxical Vessel Remodeling of the Proximal Segment of the Left Anterior Descending Artery Predicts Long-Term Mortality After Heart Transplantation.** *JACC. Heart failure*
Okada, K., Kitahara, H., Yang, H., Tanaka, S., Kobayashi, Y., Kimura, T., Luikart, H., Yock, P. G., Yeung, A. C., Valentine, H. A., Fitzgerald, P. J., Khush, K. K., Honda, et al
2015; 3 (12): 942-952
- **Fractional flow reserve versus angiography for guidance of PCI in patients with multivessel coronary artery disease (FAME): 5-year follow-up of a randomised controlled trial** *LANCET*
van Nunen, L. X., Zimmermann, F. M., Tonino, P. A., Barbato, E., Baumbach, A., Engstrom, T., Klaus, V., MacCarthy, P. A., Manoharan, G., Oldroyd, K. G., Lee, P. N., van't Veer, M., Fearon, et al
2015; 386 (10006)
- **Integrated Physiologic Assessment of Ischemic Heart Disease in Real-World Practice Using Index of Microcirculatory Resistance and Fractional Flow Reserve: Insights From the International Index of Microcirculatory Resistance Registry.** *Circulation. Cardiovascular interventions*
Lee, J. M., Layland, J., Jung, J., Lee, H., Echavarria-Pinto, M., Watkins, S., Yong, A. S., Doh, J., Nam, C., Shin, E., Koo, B., Ng, M. K., Escaned, et al
2015; 8 (11)
- **Rationale and design of the Fractional Flow Reserve versus Angiography for Multivessel Evaluation (FAME) 3 Trial: A comparison of fractional flow reserve-guided percutaneous coronary intervention and coronary artery bypass graft surgery in patients with multivessel coronary artery disease.** *American heart journal*
Zimmermann, F. M., De Bruyne, B., Pijls, N. H., Desai, M., Oldroyd, K. G., Park, S., Reardon, M. J., Wendler, O., Woo, J., Yeung, A. C., Fearon, W. F.
2015; 170 (4): 619-626 e2
- **Chronic pacing and adverse outcomes after transcatheter aortic valve implantation** *HEART*
Dizon, J. M., Nazif, T. M., Hess, P. L., Biviano, A., Garan, H., Douglas, P. S., Kapadia, S., Babaliaros, V., Herrmann, H. C., Szeto, W. Y., Jilaihawi, H., Fearon, W. F., Tuzcu, et al
2015; 101 (20): 1665-1671
- **Effect of Sex Differences on Invasive Measures of Coronary Microvascular Dysfunction in Patients With Angina in the Absence of Obstructive Coronary Artery Disease** *JACC-CARDIOVASCULAR INTERVENTIONS*
Kobayashi, Y., Fearon, W. F., Honda, Y., Tanaka, S., Pargaonkar, V., Fitzgerald, P. J., Lee, D. P., Stefanick, M., Yeung, A. C., Tremmel, J. A.
2015; 8 (11): 1433-1441
- **Assessment of left main artery stenosis with fractional flow reserve is affected by downstream stenosis in the left anterior descending artery.** *Coronary artery disease*

- Bing, R., Yong, A. S., Fearon, W. F.
2015; 26: e35-7
- **Repeatability of Fractional Flow Reserve Despite Variations in Systemic and Coronary Hemodynamics** *JACC-CARDIOVASCULAR INTERVENTIONS*
Johnson, N. P., Johnson, D. T., Kirkeeide, R. L., Berry, C., De Bruyne, B., Fearon, W. F., Oldroyd, K. G., Pijls, N. H., Gould, K. L.
2015; 8 (8): 1018-1027
 - **Propensity-matched comparisons of clinical outcomes after transapical or transfemoral transcatheter aortic valve replacement: a placement of aortic transcatheter valves (PARTNER)-I trial substudy.** *Circulation*
Blackstone, E. H., Suri, R. M., Rajeswaran, J., Babaliaros, V., Douglas, P. S., Fearon, W. F., Miller, D. C., Hahn, R. T., Kapadia, S., Kirtane, A. J., Kodali, S. K., Mack, M., Szeto, et al
2015; 131 (22): 1989-2000
 - **The evolution of temporary percutaneous mechanical circulatory support devices: a review of the options and evidence in cardiogenic shock.** *Current cardiology reports*
Abnoui, F., Yong, C. M., Fearon, W., Banerjee, D.
2015; 17 (6): 40-?
 - **The Evolution of Temporary Percutaneous Mechanical Circulatory Support Devices: a Review of the Options and Evidence in Cardiogenic Shock** *CURRENT CARDIOLOGY REPORTS*
Abnoui, F., Yong, C. M., Fearon, W., Banerjee, D.
2015; 17 (6)
 - **Prevalence and Prognostic Role of Right Ventricular Involvement in Stress-Induced Cardiomyopathy** *JOURNAL OF CARDIAC FAILURE*
Finocchiaro, G., Kobayashi, Y., Magavern, E., Zhou, J. Q., Ashley, E., Sinagra, G., Schnittger, I., Knowles, J. W., Fearon, W. F., Haddad, F., Tremmel, J. A.
2015; 21 (5): 419-425
 - **Invasive Evaluation of Patients With Angina in the Absence of Obstructive Coronary Artery Disease** *CIRCULATION*
Lee, B., Lim, H., Fearon, W. F., Yong, A. S., Yamada, R., Tanaka, S., Lee, D. P., Yeung, A. C., Tremmel, J. A.
2015; 131 (12): 1054-1060
 - **Transcatheter aortic valve replacement and standard therapy in inoperable patients with aortic stenosis and low EF** *HEART*
Passeri, J. J., Elmariah, S., Xu, K., Inglessis, I., Baker, J. N., Alu, M., Kodali, S., Leon, M. B., Svensson, L. G., Pibarot, P., Fearon, W. F., Kirtane, A. J., Vlahakes, et al
2015; 101 (6): 463-471
 - **The Impact of Downstream Coronary Stenosis on Fractional Flow Reserve Assessment of Intermediate Left Main Coronary Artery Disease Human Validation** *JACC-CARDIOVASCULAR INTERVENTIONS*
Fearon, W. F., Yong, A. S., Lenders, G., Toth, G. G., Dao, C., Daniels, D. V., Pijls, N. H., De Bruyne, B.
2015; 8 (3): 398-403
 - **A Randomized Trial of a Dedicated Bifurcation Stent Versus Provisional Stenting in the Treatment of Coronary Bifurcation Lesions** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*
Genereux, P., Kumsars, I., Lesiak, M., Kini, A., Fontos, G., Slagboom, T., Ungi, I., Metzger, D. C., Wykrzykowska, J. J., Stella, P. R., Bartorelli, A. L., Fearon, W. F., Lefevre, et al
2015; 65 (6): 533-543
 - **The relative performance characteristics of the logistic European System for Cardiac Operative Risk Evaluation score and the Society of Thoracic Surgeons score in the Placement of Aortic Transcatheter Valves trial.** *journal of thoracic and cardiovascular surgery*
Beohar, N., Whisenant, B., Kirtane, A. J., Leon, M. B., Tuzcu, E. M., Makkar, R., Svensson, L. G., Miller, D. C., Smith, C. R., Pichard, A. D., Herrmann, H. C., Thourani, V. H., Szeto, et al
2014; 148 (6): 2830-7 e1
 - **The relative performance characteristics of the logistic European System for Cardiac Operative Risk Evaluation score and the Society of Thoracic Surgeons score in the Placement of Aortic Transcatheter Valves trial** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*
Beohar, N., Whisenant, B., Kirtane, A. J., Leon, M. B., Tuzcu, E. M., Makkar, R., Svensson, L. G., Miller, D. C., Smith, C. R., Pichard, A. D., Herrmann, H. C., Thourani, V. H., Szeto, et al
2014; 148 (6): 2830-U1495
 - **The impact of age on fractional flow reserve-guided percutaneous coronary intervention: a FAME (Fractional Flow Reserve versus Angiography for Multivessel Evaluation) trial substudy.** *International journal of cardiology*
Lim, H., Tonino, P. A., De Bruyne, B., Yong, A. S., Lee, B., Pijls, N. H., Fearon, W. F.

2014; 177 (1): 66-70

- **Outcomes After Transfemoral Transcatheter Aortic Valve Replacement A Comparison of the Randomized PARTNER (Placement of AoRTic TraNscathetER Valves) Trial With the NRCA (Nonrandomized Continued Access) Registry** *JACC-CARDIOVASCULAR INTERVENTIONS*
Fearon, W. F., Kodali, S., Doshi, D., Fischbein, M. P., Yeung, A. C., Tuzcu, E. M., Rihal, C. S., Babaliaros, V., Zajarias, A., Herrmann, H. C., Brown, D. L., Mack, M., Teirstein, et al
2014; 7 (11): 1245-1251
- **Prognostic Value of Fractional Flow Reserve Linking Physiologic Severity to Clinical Outcomes** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*
Johnson, N. P., Toth, G. G., Lai, D., Zhu, H., Acar, G., Agostoni, P., Appelman, Y., Arslan, F., Barbato, E., Chen, S., Di Serafino, L., Dominguez-Franco, A. J., Dupouy, et al
2014; 64 (16): 1641-1654
- **Prognostic value of fractional flow reserve: linking physiologic severity to clinical outcomes.** *Journal of the American College of Cardiology*
Johnson, N. P., Tóth, G. G., Lai, D., Zhu, H., Açar, G., Agostoni, P., Appelman, Y., Arslan, F., Barbato, E., Chen, S., Di Serafino, L., Domínguez-Franco, A. J., Dupouy, et al
2014; 64 (16): 1641-1654
- **Functional assessment of multivessel coronary artery disease: ischemia-guided percutaneous coronary intervention** *CORONARY ARTERY DISEASE*
Schwartz, J. G., Fearon, W. F.
2014; 25 (6): 521-528
- **Fractional flow reserve and the index of microvascular resistance in patients with acute coronary syndromes** *EUROINTERVENTION*
Hennigan, B., Layland, J., Fearon, W. F., Oldroyd, K. G.
2014; 10: T55-T63
- **Response to letter regarding article, "Cost-effectiveness of percutaneous coronary intervention in patients with stable coronary artery disease and abnormal fractional flow reserve".** *Circulation*
Fearon, W. F., Shilane, D., Pijls, N. H., Boothroyd, D. B., Tonino, P. A., Barbato, E., Juni, P., De Bruyne, B., Hlatky, M. A.
2014; 129 (25)
- **Clinical implications of new-onset left bundle branch block after transcatheter aortic valve replacement: analysis of the PARTNER experience** *EUROPEAN HEART JOURNAL*
Nazif, T. M., Williams, M. R., Hahn, R. T., Kapadia, S., Babaliaros, V., Rodes-Cabau, J., Szeto, W. Y., Jilaihawi, H., Fearon, W. F., Dvir, D., Dewey, T. M., Makkar, R. R., Xu, et al
2014; 35 (24): 1599-U19
- **Invasive Coronary Microcirculation Assessment - Current Status of Index of Microcirculatory Resistance** *CIRCULATION JOURNAL*
Kobayashi, Y., Fearon, W. F.
2014; 78 (5): 1021-1028
- **Multicenter Core Laboratory Comparison of the Instantaneous Wave-Free Ratio and Resting P-d/P-a With Fractional Flow Reserve** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*
Jeremias, A., Maehara, A., Genereux, P., Asrress, K. N., Berry, C., De Bruyne, B., Davies, J. E., Escaned, J., Fearon, W. F., Gould, K. L., Johnson, N. P., Kirtane, A. J., Koo, et al
2014; 63 (13): 1253-1261
- **Multicenter core laboratory comparison of the instantaneous wave-free ratio and resting Pd/Pa with fractional flow reserve: the RESOLVE study.** *Journal of the American College of Cardiology*
Jeremias, A., Maehara, A., Génèreux, P., Asrress, K. N., Berry, C., De Bruyne, B., Davies, J. E., Escaned, J., Fearon, W. F., Gould, K. L., Johnson, N. P., Kirtane, A. J., Koo, et al
2014; 63 (13): 1253-1261
- **Expert Consensus Statement on the Use of Fractional Flow Reserve, Intravascular Ultrasound, and Optical Coherence Tomography: A Consensus Statement of the Society of Cardiovascular Angiography and Interventions** *CATHETERIZATION AND CARDIOVASCULAR INTERVENTIONS*
Lotfi, A., Jeremias, A., Fearon, W. F., Feldman, M. D., Mehran, R., Messenger, J. C., Grines, C. L., Dean, L. S., Kern, M. J., Klein, L. W.
2014; 83 (4): 509-518
- **Response to letter regarding article, "Prognostic value of the index of microcirculatory resistance measured after primary percutaneous coronary intervention".** *Circulation*
Fearon, W. F., Low, A. F., Yong, A. C., McGeoch, R., Berry, C., Shah, M. G., Ho, M., Kim, H., Loh, J. P., Oldroyd, K. G.

2014; 129 (7)

- **Intracoronary and retrograde coronary venous myocardial delivery of adipose-derived stem cells in swine infarction lead to transient myocardial trapping with predominant pulmonary redistribution.** *Catheterization and cardiovascular interventions*
Hong, S. J., Hou, D., Brinton, T. J., Johnstone, B., Feng, D., Rogers, P., Fearon, W. F., Yock, P., March, K. L.
2014; 83 (1): E17-25
- **Intracoronary and Retrograde Coronary Venous Myocardial Delivery of Adipose-Derived Stem Cells in Swine Infarction Lead to Transient Myocardial Trapping with Predominant Pulmonary Redistribution** *CATHERIZATION AND CARDIOVASCULAR INTERVENTIONS*
Hong, S. J., Hou, D., Brinton, T. J., Johnstone, B., Feng, D., Rogers, P., Fearon, W. F., Yock, P., March, K. L.
2014; 83 (1): E17-E25
- **Outcomes of Transcatheter and Surgical Aortic Valve Replacement in High-Risk Patients With Aortic Stenosis and Left Ventricular Dysfunction Results From the Placement of Aortic Transcatheter Valves (PARTNER) Trial (Cohort A)** *CELL BIOLOGY INTERNATIONAL*
Elmariah, S., Palacios, I. F., McAndrew, T., Hueter, I., Inglessis, I., Baker, J. N., Kodali, S., Leon, M. B., Svensson, L., Pibarot, P., Douglas, P. S., Fearon, W. F., Kirtane, et al
2014; 38 (1): 604-614
- **Outcomes of Transcatheter and Surgical Aortic Valve Replacement in High-Risk Patients With Aortic Stenosis and Left Ventricular Dysfunction Results From the Placement of Aortic Transcatheter Valves (PARTNER) Trial (Cohort A)** *CIRCULATION-CARDIOVASCULAR INTERVENTIONS*
Elmariah, S., Palacios, I. F., McAndrew, T., Hueter, I., Inglessis, I., Baker, J. N., Kodali, S., Leon, M. B., Svensson, L., Pibarot, P., Douglas, P. S., Fearon, W. F., Kirtane, et al
2013; 6 (6): 604-614
- **Variability in quantitative and qualitative analysis of intravascular ultrasound and frequency domain optical coherence tomography.** *Catheterization and cardiovascular interventions*
Abnoui, F., Waseda, K., Kume, T., Otake, H., Kawarada, O., Yong, C. M., Fitzgerald, P. J., Honda, Y., Yeung, A. C., Fearon, W. F.
2013; 82 (3): E192-9
- **Variability in quantitative and qualitative analysis of intravascular ultrasound and frequency domain optical coherence tomography** *CATHERIZATION AND CARDIOVASCULAR INTERVENTIONS*
Abnoui, F., Waseda, K., Kume, T., Otake, H., Kawarada, O., Yong, C. M., Fitzgerald, P. J., Honda, Y., Yeung, A. C., Fearon, W. F.
2013; 82 (3): E192-E199
- **Response to letter regarding article, "fractional flow reserve assessment of left main stenosis in the presence of downstream coronary stenoses".** *Circulation. Cardiovascular interventions*
Yong, A. S., Daniels, D., Kim, H., Ikeno, F., Lyons, J., Fearon, W. F., Pijls, N. H., De Bruyne, B.
2013; 6 (4)
- **Granulocyte colony-stimulating factor therapy is associated with a reduced incidence of acute rejection episodes or allograft vasculopathy in heart transplant recipients.** *Transplantation proceedings*
Vrtovec, B., Haddad, F., Pham, M., Deuse, T., Fearon, W. F., Schrepfer, S., Leon, S., Vu, T., Valentine, H., Hunt, S. A.
2013; 45 (6): 2406-2409
- **Coronary Microvascular Dysfunction After ST-Segment-Elevation Myocardial Infarction: Local or Global Phenomenon?** *Circulation. Cardiovascular interventions*
Yong, A. S., Fearon, W. F.
2013; 6 (3): 201-203
- **Functional assessment of coronary stenoses: can we live without it?** *EUROPEAN HEART JOURNAL*
Pijls, N. H., Tanaka, N., Fearon, W. F.
2013; 34 (18): 1335-1344
- **VERIFY (Verification of Instantaneous Wave-Free Ratio and Fractional Flow Reserve for the Assessment of Coronary Artery Stenosis Severity in Everyday Practice): a multicenter study in consecutive patients.** *Journal of the American College of Cardiology*
Berry, C., van 't Veer, M., Witt, N., Kala, P., Bocek, O., Pyxaras, S. A., McClure, J. D., Fearon, W. F., Barbato, E., Tonino, P. A., De Bruyne, B., Pijls, N. H., Oldroyd, et al
2013; 61 (13): 1421-1427
- **Does the Instantaneous Wave-Free Ratio Approximate the Fractional Flow Reserve?** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*
Johnson, N. P., Kirkeeide, R. L., Asress, K. N., Fearon, W. F., Lockie, T., Marques, K. M., Pyxaras, S. A., Rolandi, M. C., van 't Veer, M., De Bruyne, B., Piek, J. J., Pijls, N. H., Redwood, et al

2013; 61 (13): 1428-1435

- **VERIFY (VERification of Instantaneous Wave-Free Ratio and Fractional Flow Reserve for the Assessment of Coronary Artery Stenosis Severity in EverydaY Practice)** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*
Berry, C., van 't Veer, M., Witt, N., Kala, P., Bocek, O., Pyxaras, S. A., McClure, J. D., Fearon, W. F., Barbato, E., Tonino, P. A., De Bruyne, B., Pijls, N. H., Oldroyd, et al
2013; 61 (13): 1421-1427
- **Fractional flow reserve assessment of left main stenosis in the presence of downstream coronary stenoses.** *Circulation. Cardiovascular interventions*
Yong, A. S., Daniels, D., De Bruyne, B., Kim, H., Ikeno, F., Lyons, J., Pijls, N. H., Fearon, W. F.
2013; 6 (2): 161-165
- **ST-Elevation Myocardial Infarction Following Heart Transplantation as an Unusual Presentation of Coronary Allograft Vasculopathy: A Case Report** *TRANSPLANTATION PROCEEDINGS*
Peter, S., HULME, O., Deuse, T., Vrtovec, B., Fearon, W. F., Hunt, S., Haddad, F.
2013; 45 (2): 787-791
- **Physiologic approach for coronary intervention.** *The Korean journal of internal medicine*
Fearon, W. F.
2013; 28 (1): 1-7
- **Calculation of the Index of Microcirculatory Resistance Without Coronary Wedge Pressure Measurement in the Presence of Epicardial Stenosis** *JACC-CARDIOVASCULAR INTERVENTIONS*
Yong, A. S., Layland, J., Fearon, W. F., Ho, M., Shah, M. G., Daniels, D., Whitbourn, R., MacIsaac, A., Kritharides, L., Wilson, A., Ng, M. K.
2013; 6 (1): 53-58
- **Clinical and Functional Correlates of Early Microvascular Dysfunction After Heart Transplantation** *CIRCULATION-HEART FAILURE*
Haddad, F., Khazanie, P., Deuse, T., Weisshaar, D., Zhou, J., Nam, C. W., Vu, T. A., Gomari, F. A., Skhiri, M., Simos, A., Schnittger, I., Vrtovec, B., Hunt, et al
2012; 5 (6): 759-768
- **The Impact of Downstream Coronary Stenoses on Fractional Flow Reserve Assessment of Intermediate Left Main Disease** *JACC-CARDIOVASCULAR INTERVENTIONS*
Daniels, D. V., van't Veer, M., Pijls, N. H., van der Horst, A., Yong, A. S., De Bruyne, B., Fearon, W. F.
2012; 5 (10): 1021-1025
- **The Impact of Sex Differences on Fractional Flow Reserve-Guided Percutaneous Coronary Intervention A FAME (Fractional Flow Reserve Versus Angiography for Multivessel Evaluation) Substudy** *JACC-CARDIOVASCULAR INTERVENTIONS*
Kim, H., Tonino, P. A., De Bruyne, B., Yong, A. S., Tremmel, J. A., Pijls, N. H., Fearon, W. F.
2012; 5 (10): 1037-1042
- **Vascular Complications After Transcatheter Aortic Valve Replacement** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*
Genereux, P., Webb, J. G., Svensson, L. G., Kodali, S. K., Satler, L. F., Fearon, W. F., Davidson, C. J., Eisenhauer, A. C., Makkar, R. R., Bergman, G. W., Babaliaros, V., Bavaria, J. E., Velazquez, et al
2012; 60 (12): 1043-1052
- **Vascular complications after transcatheter aortic valve replacement: insights from the PARTNER (Placement of AoRTic TraNscathetER Valve) trial.** *Journal of the American College of Cardiology*
Généreux, P., Webb, J. G., Svensson, L. G., Kodali, S. K., Satler, L. F., Fearon, W. F., Davidson, C. J., Eisenhauer, A. C., Makkar, R. R., Bergman, G. W., Babaliaros, V., Bavaria, J. E., Velazquez, et al
2012; 60 (12): 1043-1052
- **The Index of Microcirculatory Resistance Predicts Myocardial Infarction Related to Percutaneous Coronary Intervention** *CIRCULATION-CARDIOVASCULAR INTERVENTIONS*
Ng, M. K., Yong, A. S., Ho, M., Shah, M. G., Chawantanpipat, C., O'Connell, R., Keech, A., Kritharides, L., Fearon, W. F.
2012; 5 (4): 515-522
- **Most accurate definition of a high femoral artery puncture: Aiming to better predict retroperitoneal hematoma in percutaneous coronary intervention** *CATHETERIZATION AND CARDIOVASCULAR INTERVENTIONS*
Tremmel, J. A., Tibayan, Y. D., O'Loughlin, A. J., Chan, T., Fearon, W. F., Yeung, A. C., Lee, D. P.
2012; 80 (1): 37-42

- **Feasibility and Safety of the Second-Generation, Frequency Domain Optical Coherence Tomography (FD-OCT): A Multicenter Study** *JOURNAL OF INVASIVE CARDIOLOGY*
Yoon, J. H., Di Vito, L., Moses, J. W., Fearon, W. F., Yeung, A. C., Zhang, S., Bezerra, H. G., Costa, M. A., Jang, I.
2012; 24 (5): 206-209
- **Feasibility and Safety of the Second Generation, Frequency Domain Optical Coherence Tomography: A Multi-Center Study** *17th Annual Interventional Vascular Therapeutics Angioplasty Summit-Transcatheter Cardiovascular Therapeutics Asia Pacific Symposium*
Yoon, J. H., Di Vito, L., Moses, J., Fearon, W., Yeung, A., Zhang, S., Bezerra, H., Costa, M., Jang, I.
EXCERPTA MEDICA INC-ELSEVIER SCIENCE INC.2012: 121S-122S
- **PROGNOSTIC VALUE OF THE INDEX OF MICROCIRCULATORY RESISTANCE AFTER PRIMARY PERCUTANEOUS CORONARY INTERVENTION** *61st Annual Scientific Session and Expo of the American-College-of-Cardiology (ACC)/Conference on ACC-i2 with TCT*
Yong, A., Loh, J., McGeoch, R., Shah, M., Ho, M., Daniels, D., Berry, C., Low, A., Oldroyd, K., Fearon, W.
ELSEVIER SCIENCE INC.2012: E48-E48
- **ACCURACY AND REPRODUCIBILITY OF CONTRAST ENHANCED AND NON-ENHANCED COMPUTED TOMOGRAPHY FOR PREDICTING THE ANGIOGRAPHIC DEPLOYMENT ANGLE IN TRANSCATHETER AORTIC VALVE REPLACEMENT (TAVR)** *61st Annual Scientific Session and Expo of the American-College-of-Cardiology (ACC)/Conference on ACC-i2 with TCT*
Dao, C. N., Blake, T., Liang, D., Fischbein, M. P., Yeung, A., Fearon, W., Miller, D. C., Fleischmann, D.
ELSEVIER SCIENCE INC.2012: E1195-E1195
- **COMPUTED TOMOGRAPHY BASED PREDICTION OF ANGIOGRAPHIC DEPLOYMENT ANGLES MAY REDUCE PROCEDURE TIME AND CONTRAST MEDIUM VOLUME FOR TRANSCATHETER AORTIC VALVE REPLACEMENT** *61st Annual Scientific Session and Expo of the American-College-of-Cardiology (ACC)/Conference on ACC-i2 with TCT*
Fleischmann, D., Dao, C., Blake, T., Boas, F. E., Liang, D., Yeung, A., Fearon, W., Fischbein, M., Miller, D. C.
ELSEVIER SCIENCE INC.2012: E1199-E1199
- **Coronary Microcirculatory Resistance Is Independent of Epicardial Stenosis** *CIRCULATION-CARDIOVASCULAR INTERVENTIONS*
Yong, A. S., Ho, M., Shah, M. G., Ng, M. K., Fearon, W. F.
2012; 5 (1): 103-U180
- **Comparison of the Frequency of Coronary Artery Disease in Alcohol-Related Versus Non-Alcohol-Related Endstage Liver Disease** *AMERICAN JOURNAL OF CARDIOLOGY*
Patel, S., Kiefer, T. L., Ahmed, A., Ali, Z. A., Tremmel, J. A., Lee, D. P., Yeung, A. C., Fearon, W. F.
2011; 108 (11): 1552-1555
- **Is a Myocardial Infarction More Likely to Result From a Mild Coronary Lesion or an Ischemia-Producing One?** *CIRCULATION-CARDIOVASCULAR INTERVENTIONS*
Fearon, W. F.
2011; 4 (6): 539-541
- **Quantitative Comparison of Microcirculatory Dysfunction in Patients With Stress Cardiomyopathy and ST-Segment Elevation Myocardial Infarction** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*
Kim, H., Tremmel, J. A., Nam, C., Zhou, J., Haddad, F., Vagelos, R. H., Lee, D. P., Yeung, A. C., Fearon, W. F.
2011; 58 (23): 2430-2431
- **Fractional Flow Reserve in Unstable Angina and Non-ST-Segment Elevation Myocardial Infarction Experience From the FAME (Fractional flow reserve versus Angiography for Multivessel Evaluation) Study** *JACC-CARDIOVASCULAR INTERVENTIONS*
Sels, J. E., Tonino, P. A., Siebert, U., Fearon, W. F., van't Veer, M., De Bruyne, B., Pijls, N. H.
2011; 4 (11): 1183-1189
- **Health-Related Quality of Life After Transcatheter Aortic Valve Replacement in Inoperable Patients With Severe Aortic Stenosis** *CIRCULATION*
Reynolds, M. R., Magnuson, E. A., Lei, Y., Leon, M. B., Smith, C. R., Svensson, L. G., Webb, J. G., Babaliaros, V. C., Bowers, B. S., Fearon, W. F., Herrmann, H. C., Kapadia, S., Kodali, et al
2011; 124 (18): 1964-1972
- **Discrepancy in the Assessment of Jailed Side Branch Lesions by Visual Estimation and Quantitative Coronary Angiographic Analysis: Comparison With Fractional Flow Reserve** *CATHETERIZATION AND CARDIOVASCULAR INTERVENTIONS*
Shin, D., Koo, B., Waseda, K., Park, K. W., Kim, H., Corral, M., Lansky, A., Honda, Y., Fearon, W. F., Fitzgerald, P. J.
2011; 78 (5): 720-726

- **Comparison of Drug-Eluting Versus Bare Metal Stents in Cardiac Allograft Vasculopathy** *AMERICAN JOURNAL OF CARDIOLOGY*
Tremmel, J. A., Ng, M. K., Ikeno, F., Hunt, S. A., Lee, D. P., Yeung, A. C., Fearon, W. F.
2011; 108 (5): 665-668
- **Saphenous Vein Graft Intervention** *JACC-CARDIOVASCULAR INTERVENTIONS*
Lee, M. S., Park, S., Kandzari, D. E., Kirtane, A. J., Fearon, W. F., Brilakis, E. S., Vermeersch, P., Kim, Y., Waksman, R., Mehilli, J., Mauri, L., Stone, G. W.
2011; 4 (8): 831-843
- **Impact of Donor-Transmitted Atherosclerosis on Early Cardiac Allograft Vasculopathy: New Findings by Three-Dimensional Intravascular Ultrasound Analysis** *TRANSPLANTATION*
Yamasaki, M., Sakurai, R., Hirohata, A., Honda, Y., Bonneau, H. N., Luikart, H., Yock, P. G., Fitzgerald, P. J., Yeung, A. C., Valentine, H. A., Fearon, W. F.
2011; 91 (12): 1406-1411
- **Relation of Fractional Flow Reserve After Drug-Eluting Stent Implantation to One-Year Outcomes** *AMERICAN JOURNAL OF CARDIOLOGY*
Nam, C., Hur, S., Cho, Y., Park, H., Yoon, H., Kim, H., Chung, I., Kim, Y., Kim, K., Doh, J., Koo, B., Tahk, S., Fearon, et al
2011; 107 (12): 1763-1767
- **Fractional Flow Reserve Versus Angiography in Left Circumflex Ostial Intervention After Left Main Crossover Stenting** *KOREAN CIRCULATION JOURNAL*
Nam, C., Hur, S., Koo, B., Doh, J. H., Cho, Y., Park, H., Yoon, H., Kim, H., Chung, I., Kim, Y., Fearon, W. F., Tahk, S., Kim, et al
2011; 41 (6): 304-307
- **The Index of Microcirculatory Resistance (IMR) in Takotsubo Cardiomyopathy** *CATHETERIZATION AND CARDIOVASCULAR INTERVENTIONS*
Daniels, D. V., Fearon, W. F.
2011; 77 (1): 128-131
- **CCR2 Antagonist Inhibits Neointimal Proliferation Post Coronary Stent Deployment**
Teramoto, T., Ikeno, F., Nakatani, D., Otake, H., Lyons, J. K., Sullivan, T., Jaen, J., Schall, T., Tio, F., Yeung, A. C., Fearon, W. F.
LIPPINCOTT WILLIAMS & WILKINS.2010
- **Long-Term Outcomes After Percutaneous Coronary Intervention of Left Main Coronary Artery for Treatment of Cardiac Allograft Vasculopathy After Orthotopic Heart Transplantation** *AMERICAN JOURNAL OF CARDIOLOGY*
Lee, M. S., Yang, T., Fearon, W. F., Ho, M., Tarantini, G., Xhaxho, J., Gerosa, G., Weston, M., Ehdaie, A., Rabbani, L., Kirtane, A. J.
2010; 106 (8): 1086-1089
- **3',4-Dihydroxyflavonol reduces infarct size in a porcine acute myocardial ischaemia-reperfusion model** *Congress of the European-Society-of-Cardiology*
Teramoto, T., Ikeno, F., Lyons, J., Thomas, C. J., May, C. N., Woodman, O. L., Jarrott, B., Yeung, A. C., Fearon, W. F.
OXFORD UNIV PRESS.2010: 493-494
- **CCR2 antagonist inhibits neointimal proliferation post coronary stent deployment** *Congress of the European-Society-of-Cardiology*
Teramoto, T., Ikeno, F., Nakatani, D., Otake, H., Lyons, J. K., Sullivan, T., Jaen, J., Schall, T., Yeung, A. C., Fearon, W. F.
OXFORD UNIV PRESS.2010: 368-368
- **Outcomes of Percutaneous Coronary Intervention in Intermediate Coronary Artery Disease Fractional Flow Reserve-Guided Versus Intravascular Ultrasound Guided** *JACC-CARDIOVASCULAR INTERVENTIONS*
Nam, C., Yoon, H., Cho, Y., Park, H., Kim, H., Hur, S., Kim, Y., Chung, I., Koo, B., Tahk, S., Fearon, W. F., Kim, K.
2010; 3 (8): 812-817
- **Fractional Flow Reserve Versus Angiography for Guiding Percutaneous Coronary Intervention in Patients With Multivessel Coronary Artery Disease 2-Year Follow-Up of the FAME (Fractional Flow Reserve Versus Angiography for Multivessel Evaluation) Study** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*
Pijls, N. H., Fearon, W. F., Tonino, P. A., Siebert, U., Ikeno, F., Bornschein, B., van't Veer, M., Klauss, V., Manoharan, G., Engstrom, T., Oldroyd, K. G., Lee, P. N., MacCarthy, et al
2010; 56 (3): 177-184
- **Balloon aortic valvuloplasty: modern indications and techniques for a niche therapy.** *Expert review of cardiovascular therapy*
Yamen, E., Fearon, W. F.
2010; 8 (7): 885-887
- **Angiographic Versus Functional Severity of Coronary Artery Stenoses in the FAME Study Fractional Flow Reserve Versus Angiography in Multivessel Evaluation** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*

- Tonino, P. A., Fearon, W. F., De Bruyne, B., Oldroyd, K. G., Leesar, M. A., Lee, P. N., MacCarthy, P. A., van't Veer, M., Pijls, N. H. 2010; 55 (25): 2816-2821
- **Intriguing Pen-Strut Low-Intensity Area Detected by Optical Coherence Tomography After Coronary Stent Deployment** *CIRCULATION JOURNAL*
Teramoto, T., Ikeno, F., Otake, H., Lyons, J. K., van Beusekom, H. M., Fearon, W. F., Yeung, A. C. 2010; 74 (6): 1257-1259
 - **Quantitative assessment of coronary microvascular function in patients with and without epicardial atherosclerosis** *EUROINTERVENTION*
Melikian, N., Vercauteren, S., Fearon, W. F., Cuisset, T., MacCarthy, P. A., Davidavicius, G., Aarnoudse, W., Bartunek, J., Vanderheyden, M., Wyffels, E., Wijns, W., Heyndrickx, G. R., Pijls, et al 2010; 5 (8): 939-945
 - **Anatomic and Functional Evaluation of Bifurcation Lesions Undergoing Percutaneous Coronary Intervention** *CIRCULATION-CARDIOVASCULAR INTERVENTIONS*
Koo, B., Waseda, K., Kang, H., Kim, H., Nam, C., Hur, S., Kim, J., Choi, D., Jang, Y., Hahn, J., Gwon, H., Yoon, M., Tahk, et al 2010; 3 (2): 113-119
 - **Use of a Low-Profile, Compliant Balloon for Percutaneous Aortic Valvuloplasty** *CATHETERIZATION AND CARDIOVASCULAR INTERVENTIONS*
Yamen, E., Daniels, D. V., Van, H., Yeung, A. C., Fearon, W. F. 2010; 75 (5): 794-798
 - **Fractional Flow Reserve and Myocardial Perfusion Imaging in Patients With Angiographic Multivessel Coronary Artery Disease** *JACC-CARDIOVASCULAR INTERVENTIONS*
Melikian, N., De Bondt, P., Tonino, P., De Winter, O., Wyffels, E., Bartunek, J., Heyndrickx, G. R., Fearon, W. F., Pijls, N. H., Wijns, W., De Bruyne, B. 2010; 3 (3): 307-314
 - **Impact of Drug-Eluting Stent Length on Outcomes Less Is More ... More or Less** *JACC-CARDIOVASCULAR INTERVENTIONS*
Fearon, W. F. 2010; 3 (2): 189-190
 - **3', 4-Dihydroxyflavonol Reduces Infarct Size in a Porcine Acute Myocardial Infarction-Reperfusion Model** *82nd National Conference and Exhibitions and Scientific Sessions of the American-Heart-Association*
Tomohiko, T., Ikeno, F., Lyons, J. K., Jarrott, B., Woodman, O. L., May, C. N., Thomas, C. J., Yeung, A. C., Fearon, W. LIPPINCOTT WILLIAMS & WILKINS.2009: S1174-S1174
 - **Safety and Efficacy of Drug Eluting Stents for Treatment of Cardiac Allograft Vasculopathy: A Prospective Clinical and Angiographic Study** *21st Annual Transcatheter Cardiovascular Therapeutics Conference*
Ng, M. K., Tremmel, J., Ikeno, F., Lee, D. P., Yeung, A. C., Fearon, W. F. EXCERPTA MEDICA INC-ELSEVIER SCIENCE INC.2009: 138D-138D
 - **Expanding role of fractional flow reserve in the cardiac catheterization laboratory.** *Expert review of cardiovascular therapy*
Fearon, W. F. 2009; 7 (5): 447-449
 - **Baseline Fractional Flow Reserve and Stent Diameter Predict Optimal Post-Stent Fractional Flow Reserve and Major Adverse Cardiac Events After Bare-Metal Stent Deployment** *JACC-CARDIOVASCULAR INTERVENTIONS*
Samady, H., McDaniel, M., Veledar, E., De Bruyne, B., Pijls, N. H., Fearon, W. F., Vaccarino, V. 2009; 2 (4): 357-363
 - **Microvascular Dysfunction and Suboptimal Glycemic Control Predicts Poor Outcome Following Heart Transplantation** *58th Annual Scientific Session of the American-College-of-Cardiology*
Khazanie, P., Haddad, F., Simos, A. M., Pham, M., Weisshaar, D. M., Desai, S. V., Shah, M. G., McLaughlin, T. L., Hunt, S. A., Valentine, H. A., Fearon, W. ELSEVIER SCIENCE INC.2009: A182-A182
 - **Safety and Performance of Targeted Renal Therapy: The Be-RITe! Registry** *JOURNAL OF ENDOVASCULAR THERAPY*
Weisz, G., Filby, S. J., Cohen, M. G., Allie, D. E., Weinstock, B. S., Kyriazis, D., Walker, C. M., Moses, J. W., Danna, P., Fearon, W. F., Sachdev, N., Wiechmann, B. N., Vora, et al 2009; 16 (1): 1-12
 - **Microvascular Dysfunction and Suboptimal Glycemic Control Predicts Poor Outcome Following Heart Transplantation** *29th Annual Meeting and Scientific Session of the International-Society-for-Heart-and-Lung-Transplantation*

Khazanie, P., Haddad, F., Simos, A. M., Weissbaa, D. M., Desai, S. V., Pham, M., McLaughlin, T. L., Shah, M. G., Hunt, S. A., Valantine, H. A., Fearon, W. F.
ELSEVIER SCIENCE INC.2009: S228–S228

- **Inflammation and cardiovascular disease - Role of the interleukin-1 receptor antagonist** *CIRCULATION*
Fearon, W. F., Fearon, D. T.
2008; 117 (20): 2577-2579
- **Effect of rapamycin therapy on coronary artery physiology early after cardiac transplantation** *AMERICAN HEART JOURNAL*
Sinha, S. S., Pham, M. X., Vagelos, R. H., Perlroth, M. G., Hunt, S. A., Lee, D. P., Valantine, H. A., Yeung, A. C., Fearon, W. F.
2008; 155 (5)
- **In Vivo Comparison Between Optical Coherence Tomography and Intravascular Ultrasound for Detecting Small Degrees of In-Stent Neointima After Stent Implantation** *JACC-CARDIOVASCULAR INTERVENTIONS*
Suzuki, Y., Ikeno, F., Koizumi, T., Tio, F., Yeung, A. C., Yock, P. G., Fitzgerald, P. J., Fearon, W. F.
2008; 1 (2): 168-173
- **Asymmetric dimethylarginine and cardiac allograft vasculopathy progression: Modulation by sirolimus** *TRANSPLANTATION*
Potena, L., Fearon, W. F., Sydow, K., Holweg, C., Luikart, H., Chin, C., Weisshaar, D., Mocarski, E. S., Lewis, D. B., Valantine, H. A., Cooke, J. P.
2008; 85 (6): 827-833
- **The pathophysiology and clinical course of the normal coronary angina syndrome (cardiac syndrome x)** *PROGRESS IN CARDIOVASCULAR DISEASES*
Melikian, N., De Bruyne, B., Fearon, W. F., MacCarthy, P. A.
2008; 50 (4): 294-310
- **Determinants of lumen loss between years 1 and 2 after cardiac transplantation** *TRANSPLANTATION*
Sakurai, R., Yamasaki, M., Nakamura, M., Hirohata, A., Honda, Y., Bonneau, H. N., Luikart, H., Yock, P. G., Fitzgerald, P. J., Yeung, A. C., Valantine, H. A., Fearon, W. F.
2007; 84 (9): 1097-1102
- **Optical coherence tomography compared to intravascular ultrasound for detecting small degrees of neointimal hyperplasia** *19th Annual Transcatheter Cardiovascular Therapeutics Symposium*
Ikeno, F., Suzuki, Y., Koizumi, T., Yeung, A. C., Fitzgerald, P. J., Fearon, W. F.
EXCERPTA MEDICA INC-ELSEVIER SCIENCE INC.2007: 143L–143L
- **Invasive assessment of the coronary microcirculation: Novel thermodilution based measure of absolute microvascular resistance** *80th Annual Scientific Session of the American-Heart-Association (AHA)*
Ho, Y., Nguyen, T. C., Itoh, A., Yeung, A. C., Fearon, W. F.
LIPPINCOTT WILLIAMS & WILKINS.2007: 354–54
- **The pre-operative utility of dobutamine stress echocardiography in patients undergoing liver transplantation** *72nd Annual Meeting of the American-College-of-Gastroenterology*
Shapiro, L., Lee, M., Lee, J., Lapasaran, A. S., Fearon, W., Kamal, A., Ahmed, A.
NATURE PUBLISHING GROUP.2007: S437–S437
- **Changes in coronary anatomy and physiology after heart transplantation** *AMERICAN JOURNAL OF CARDIOLOGY*
Hirohata, A., Nakamura, M., Waseda, K., Honda, Y., Lee, D. P., Vagelos, R. H., Hunt, S. A., Valantine, H. A., Yock, P. G., Fitzgerald, P. J., Yeung, A. C., Fearon, W. F.
2007; 99 (11): 1603-1607
- **Prognostic significance of PVCs and resting heart rate** *ANNALS OF NONINVASIVE ELECTROCARDIOLOGY*
Engel, G., Cho, S., Ghayoumi, A., Yamazaki, T., Chun, S., Fearon, W. F., Froelicher, V. F.
2007; 12 (2): 121-129
- **Interplay between systemic inflammation and markers of insulin resistance in cardiovascular prognosis after heart transplantation** *JOURNAL OF HEART AND LUNG TRANSPLANTATION*
Biadi, O., Potena, L., Fearon, W. F., Luikart, H. I., Yeung, A., Ferrara, R., Hunt, S. A., Mocarski, E. S., Valantine, H. A.
2007; 26 (4): 324-330
- **Changes in coronary arterial dimensions early after cardiac transplantation** *TRANSPLANTATION*
Fearon, W. F., Potena, L., Hirohata, A., Sakurai, R., Yamasaki, M., Luikart, H., Lee, J., Vana, M. L., Cooke, J. P., Mocarski, E. S., Yeung, A. C., Valantine, H. A.
2007; 83 (6): 700-705

- **Aggressive prophylaxis against cytomegalovirus plays a key role in preserving epicardial artery flow early after cardiac transplantation** *56th Annual Scientific Session of the American-College-of-Cardiology*
Sakurai, R., Yamasaki, M., Potena, L., Hirohata, A., Honda, Y., Yock, P. G., Fitzgerald, P. J., Yeung, A. C., Valentine, H. A., Fearon, W. F.
ELSEVIER SCIENCE INC.2007: 78A–78A
- **Physiologic assessment of renal artery stenosis - Will history repeat itself? Editorial comment** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*
Fearon, W. F.
2006; 48 (9): 1856-1858
- **Impact of donor-transmitted atherosclerosis on early cardiac allograft vasculopathy; New findings by 3-D IVUS** *79th Annual Scientific Session of the American-Heart-Association*
Yamasaki, M., Sakurai, R., Hirohata, A., Honda, Y., Yock, P. G., Fitzgerald, P. J., Yeung, A. C., Valentine, H. A., Fearon, W. F.
LIPPINCOTT WILLIAMS & WILKINS.2006: 533–33
- **Index of microcirculatory resistance: A novel measure for predicting myocardial damage in patients with acute myocardial infarction** *79th Annual Scientific Session of the American-Heart-Association*
Shah, M., Tremmel, J., Brinton, T., Wilson, A., Schnittger, I., Lee, D. P., Yeung, A. C., Fearon, W. F.
LIPPINCOTT WILLIAMS & WILKINS.2006: 586–87
- **Optical coherence tomography: In-vivo correlation with histology** *18th Annual Transcatheter Cardiovascular Therapeutics Symposium*
Ikeno, F., Koizumi, T., Yeung, A. C., Yock, P. G., Fitzgerald, P. J., Fearon, W. F.
EXCERPTA MEDICA INC-ELSEVIER SCIENCE INC.2006: 93M–93M
- **T-cell immunity to subclinical cytomegalovirus infection reduces cardiac allograft disease** *CIRCULATION*
Tu, W., Potena, L., Stepick-Biek, P., Liu, L., Dionis, K. Y., Luikart, H., Fearon, W. F., Holmes, T. H., Chin, C., Cooke, J. P., Valentine, H. A., Mocarski, E. S., Lewis, et al
2006; 114 (15): 1608-1615
- **Physiological assessment of coronary artery disease in the cardiac catheterization laboratory - A scientific statement from the American Heart Association Committee on Diagnostic and Interventional Cardiac Catheterization, Council on Clinical Cardiology** *CIRCULATION*
Kern, M. J., Lerman, A., Bech, J., De Bruyne, B., Eeckhout, E., Fearon, W. F., Higano, S. T., Lim, M. J., Meuwissen, M., Piek, J. J., Pijls, N. H., Siebes, M., Spaan, et al
2006; 114 (12): 1321-1341
- **Acute rejection and cardiac allograft vascular disease is reduced by suppression of subclinical cytomegalovirus infection** *TRANSPLANTATION*
Potena, L., Holweg, C. T., Chin, C., Luikart, H., Weisshaar, D., Narasimhan, B., Fearon, W. F., Lewis, D. B., Cooke, J. P., Mocarski, E. S., Valentine, H. A.
2006; 82 (3): 398-405
- **Discordant changes in epicardial and microvascular coronary physiology after cardiac transplantation: Physiologic investigation for transplant arteriopathy II (PITA II) study** *JOURNAL OF HEART AND LUNG TRANSPLANTATION*
Fearon, W. F., Hirohata, A., Nakamura, M., Luikart, H., Lee, D. P., Vagelos, R. H., Hunt, S. A., Valentine, H. A., Fitzgerald, P. J., Yock, P. G., Yeung, A. C.
2006; 25 (7): 765-771
- **Rapamycin therapy improves coronary physiology after cardiac transplantation** *55th Annual Scientific Session of the American-College-of-Cardiology*
Sinha, S. S., Lee, D. P., Pham, M. X., Vagelos, R. H., Hunt, S. A., Valentine, H. A., Yeung, A. C., Fearon, W. F.
ELSEVIER SCIENCE INC.2006: 51A–51A
- **Index of microcirculatory resistance: A novel measure for predicting myocardial damage in patients with acute myocardial infarction** *55th Annual Scientific Session of the American-College-of-Cardiology*
Shah, M. G., Tremmel, J., Brinton, T., Wilson, A., Schnittger, I., Lee, D. P., Yeung, A. C., Fearon, W. F.
ELSEVIER SCIENCE INC.2006: 182A–182A
- **Selective renal arterial infusion of fenoldopam for the prevention of contrast-induced nephropathy.** *Journal of interventional cardiology*
Ng, M. K., Tremmel, J., Fitzgerald, P. J., Fearon, W. F.
2006; 19 (1): 75-79
- **Inhibition of cardiac allograft vasculopathy by sirolimus and mycophenolate: Asymmetric dimethyl arginine as a potential therapeutic target**
Potena, L., Fearon, W., Sydow, K., Holweg, C., Luikart, H., Mocarski, E., Valentine, H., Cooke, J.
ELSEVIER SCIENCE INC.2006: S100–S100

- **Prevention of subclinical CMV infection reduces cardiac allograft disease progression by positively affecting coronary remodeling**
Potena, L., Fearon, W., Holweg, C., Luikart, H., Chin, C., Cooke, J., Lewis, D., Mocarski, E., Valentine, H.
ELSEVIER SCIENCE INC.2006: S138–S139
- **Changes in the anatomy and physiology of the coronary circulation after cardiac transplantation: Novel structural and physiologic evidence of cardiac transplant arteriopathy** *78th Annual Scientific Session of the American-Heart-Association*
Hirohata, A., Nakamura, M., Waseda, K., Valentine, H. A., Hunt, S. A., Honda, Y., Yock, P. G., Fitzgerald, P. J., Yeung, A. C., Fearon, W. F.
LIPPINCOTT WILLIAMS & WILKINS.2005: U517–U517
- **Invasive assessment of the coronary microcirculation: Superior reproducibility and less hemodynamic dependence of index of microcirculatory resistance as compared to coronary flow reserve** *78th Annual Scientific Session of the American-Heart-Association*
Ng, M. K., Yeung, A. C., Fearon, W. F.
LIPPINCOTT WILLIAMS & WILKINS.2005: U830–U830
- **Design and rationale for the targeted intra-renal fenoldopam for avoidance of nephropathy (TIFFANY) trial** *17th Annual Transcatheter Cardiovascular Therapeutics Symposium/4th Annual Transcatheter Cardiovascular Therapeutics Inflammation Summit*
Price, M. J., Garcia, L., Davidson, C., McNeil, J., Cohen, M. G., Mathur, V., Fearon, W. F., Weisz, G., Rogers, C., Madyoon, H., Feit, F., Low, R., Reisman, et al
EXCERPTA MEDICA INC-ELSEVIER SCIENCE INC.2005: 117H–117H
- **Risk factors for the development of retroperitoneal hematoma after percutaneous coronary intervention in the era of glycoprotein IIb/IIIa inhibitors and vascular closure devices** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*
Farouque, H. M., Tremmel, J. A., Shabari, F. R., Aggarwal, M., Fearon, W. F., Ng, M. K., Rezaee, M., Yeung, A. C., Lee, D. P.
2005; 45 (3): 363-368
- **Coronary endothelial dysfunction in cardiac transplant recipients is related to elevated levels of ADMA** *54th Annual Scientific Session of the American-College-of-Cardiology*
Fearon, W. F., Wang, B. Y., Hirohata, A., Nakamura, M., Potena, L., Valentine, H. A., Yeung, A. C., Cooke, J. P.
ELSEVIER SCIENCE INC.2005: 150A–150A
- **Impact of direct coronary stenting on neointimal distribution within sirolimus-eluting stents - IVUS subanalysis from the DIRECT trial** *54th Annual Scientific Session of the American-College-of-Cardiology*
Hirohata, A., Ako, J., Sakurai, R., Fearon, W. F., Caputo, R., Mishkel, G., Mooney, M., O'Shaughnessy, C., Raizner, A., Wilensky, R., Williams, D., Wong, S. C., Karas, et al
ELSEVIER SCIENCE INC.2005: 70A–70A
- **Pioglitazone-induced heart failure despite normal left ventricular function** *AMERICAN JOURNAL OF MEDICINE*
Shah, M., Kolandaivelu, A., Fearon, W. E.
2004; 117 (12): 973-974
- **"Tako-tsubo-like left ventricular dysfunction": a clinical entity mimicking acute myocardial infarction with a favorable prognosis.** *American journal of geriatric cardiology*
Farouque, H. M., Kaltenbach, T., Ako, J., Tremmel, J. A., Fearon, W. F., Yeung, A. C., Vagelos, R. H.
2004; 13 (6): 323-326
- **Systemic inflammation links impaired glucose metabolism to cardiac allograft vasculopathy development** *77th Scientific Meeting of the American-Heart-Association*
Potena, L., Biadi, O., Fearon, W. B., Holweg, C. T., Luikart, H. I., Mocarski, E. S., Lewis, D. B., Valentine, H. A.
LIPPINCOTT WILLIAMS & WILKINS.2004: 753–53
- **Coronary endothelial dysfunction in cardiac transplant recipients is related to elevated levels of ADMA** *77th Scientific Meeting of the American-Heart-Association*
Fearon, W. F., Wang, B. Y., Nakamura, M., Potena, L., Valentine, H. A., Yeung, A. C., Cooke, J. P.
LIPPINCOTT WILLIAMS & WILKINS.2004: 73–73
- **Epicardial stenosis severity does not affect minimal microcirculatory resistance** *CIRCULATION*
Aarnoudse, W., Fearon, W. F., Manoharan, G., Geven, M., Van De Vosse, F., Rutten, M., De Bruyne, B., Pijls, N. H.
2004; 110 (15): 2137-2142
- **The current and future role of percutaneous coronary intervention in patients with coronary artery disease.** *Journal of interventional cardiology*
Lipinski, M. J., Fearon, W. F., Froelicher, V. F., Vetrovec, G. W.
2004; 17 (5): 283-294

- **Minimal microvascular resistance is not influenced by epicardial stenosis severity: animal validation** *ESC Congress 2004*
Fearon, W. F., Aarnoudse, W., De Bruyne, B., Cooke, D. T., Balsam, L. B., Yeung, A. C., Yock, P. G., Pijls, N. H.
OXFORD UNIV PRESS.2004: 431–431
- **Cytomegalovirus infectious burden is proportional to cardiac allograft vasculopathy in heart transplant recipients** *53rd Annual Scientific Session of the American-College-of-Cardiology*
Potena, L., Magelli, C., Ortolani, P., Fearon, W. F., Grigioni, F., Magnani, G., Coccolo, F., Yeung, A. C., Luikart, H. I., Hunt, S. A., Mocarski, E. S., Cooke, J. P., Lewis, et al
ELSEVIER SCIENCE INC.2004: 185A–185A
- **Women remain at higher risk for retroperitoneal hematoma after percutaneous coronary intervention in the era of glycoprotein IIb/IIIa inhibitors and vascular closure devices** *53rd Annual Scientific Session of the American-College-of-Cardiology*
Farouque, H. M., Tremmel, J. A., Aggarwal, M., Shabari, F. R., Fearon, W. F., Rezaee, M., Yeung, A. C., Lee, D. P.
ELSEVIER SCIENCE INC.2004: 63A–63A
- **Exaggeration of neointimal hyperplasia following stent deployment in type B bifurcation lesions** *53rd Annual Scientific Session of the American-College-of-Cardiology*
Hirohata, A., Nakamura, M., Fearon, W. F., Honda, Y., Yock, P. G., Fitzgerald, P. J.
ELSEVIER SCIENCE INC.2004: 55A–55A
- **Evaluation of high-pressure retrograde coronary venous delivery of FGF-2 protein** *CATHETERIZATION AND CARDIOVASCULAR INTERVENTIONS*
Fearon, W. F., Ikeno, F., Bailey, L. R., Hiatt, B. L., Herity, N. A., Carter, A. J., Fitzgerald, P. J., Rezaee, M., Yeung, A. C., Yock, P. G.
2004; 61 (3): 422-428
- **Comparison of coronary thermodilution and Doppler velocity for assessing coronary flow reserve** *CIRCULATION*
Fearon, W. F., Farouque, H. M., Balsam, L. B., Cooke, D. T., Robbins, R. C., Fitzgerald, P. J., Yeung, A. C., Yock, P. G.
2003; 108 (18): 2198-2200
- **Endothelial nitric oxide synthesis is severely impaired after cardiac transplantation: Role of ADMA** *76th Annual Scientific Session of the American-Heart-Association*
Fearon, W. F., Wang, B. Y., Valentine, H. A., Mocarsky, E. S., Yeung, A. C., Cooke, J. P.
LIPPINCOTT WILLIAMS & WILKINS.2003: 303–
- **Simultaneous assessment of fractional and coronary flow reserves in cardiac transplant recipients - Physiologic investigation for transplant arteriopathy (PITA study)** *CIRCULATION*
Fearon, W. F., Nakamura, M., Lee, D. P., Rezaee, M., Vagelos, R. H., Hunt, S. A., Fitzgerald, P. J., Yock, P. G., Yeung, A. C.
2003; 108 (13): 1605-1610
- **Cost-effectiveness of measuring fractional flow reserve to guide coronary interventions** *AMERICAN HEART JOURNAL*
Fearon, W. F., Yeung, A. C., Lee, D. P., Yock, P. G., Heidenreich, P. A.
2003; 145 (5): 882-887
- **Adjunctive platelet glycoprotein IIb/IIIa receptor inhibition with tirofiban before primary Angioplasty improves angiographic outcomes - Results of the Tirofiban given in the emergency room before primary angioplasty (TIGER-PA) pilot trial** *CIRCULATION*
Lee, D. P., Herity, N. A., Hiatt, B. L., Fearon, W. F., Rezaee, M., Carter, A. J., Huston, M., Schreiber, D., DiBattiste, P. M., Yeung, A. C.
2003; 107 (11): 1497-1501
- **Is coronary thermodilution as accurate as Doppler velocity for measuring coronary flow reserve?** *52nd Annual Scientific Session of the American-College-of-Cardiology*
Fearon, W. F., Balsam, L. B., Farouque, H. M., Caffarelli, A. D., Robbins, R. C., Fitzgerald, P. J., Yeung, A. C., Yock, P. G.
ELSEVIER SCIENCE INC.2003: 59A–59A
- **Physiologic interrogation of transplant arteriopathy: Final results** *52nd Annual Scientific Session of the American-College-of-Cardiology*
Fearon, W. F., Nakamura, M., Lee, D. P., Rezaee, M., Vagelos, R. H., Hunt, S. A., Fitzgerald, P. J., Yock, P. G., Yeung, A. C.
ELSEVIER SCIENCE INC.2003: 29A–29A
- **A novel invasive assessment of the coronary microcirculation** *52nd Annual Scientific Session of the American-College-of-Cardiology*
Fearon, W. F., Balsam, L. B., Farouque, H. M., Caffarelli, A. D., Robbins, R. C., Fitzgerald, P. J., Yock, P. G., Yeung, A. C.
ELSEVIER SCIENCE INC.2003: 10A–10A
- **Evaluating intermediate coronary lesions in the cardiac catheterization laboratory.** *Reviews in cardiovascular medicine*

Fearon, W. F., Yeung, A. C.
2003; 4 (1): 1-7

- **Physiologic interrogation of transplant arteriopathy** *American-Heart-Association Abstracts From Scientific Sessions*
Fearon, W. F., Nakamura, M., Lee, D. P., Rezaee, M., Vagelos, R. H., Hunt, S. A., Yock, P. G., Yeung, A. C.
LIPPINCOTT WILLIAMS & WILKINS.2002: 591-91
- **Myocardial delivery of labeled fibroblast growth factor-2 protein by high pressure, retrograde coronary venous injection is more efficient than intracoronary administration** *American-Heart-Association Abstracts From Scientific Sessions*
Fearon, W. F., Ikeno, F., Price, E., Bailey, L. R., Herity, N. A., Fitzgerald, P. J., Rezaee, M., Yeung, A. C., Yock, P. G.
LIPPINCOTT WILLIAMS & WILKINS.2002: 656-56
- **Coronary pressure measurement after stenting predicts adverse events at follow-up - A multicenter registry** *CIRCULATION*
Pijls, N. H., Klauss, V., Siebert, U., Powers, E., Takazawa, K., Fearon, W. F., Escaned, J., Tsurumi, Y., Akasaka, T., Samady, H., De Bruyne, B.
2002; 105 (25): 2950-2954
- **High pressure, retrograde, coronary venous delivery of FGF-2 protein improves coronary blood flow in a porcine model of myocardial ischemia**
Fearon, W. F., Rezaee, M., Hiatt, B. L., Ikeno, F., Bailey, L., Suzuki, T., Herity, N., Fitzgerald, P. J., Carter, A. J., Yeung, A. C., Yock, P. G.
ELSEVIER SCIENCE INC.2002: 10A-10A
- **A comparison of treadmill scores to diagnose coronary artery disease** *CLINICAL CARDIOLOGY*
Fearon, W. F., Gauri, A. J., Myers, J., Raxwal, V. K., Atwood, J. E., Froelicher, V. F.
2002; 25 (3): 117-122
- **A comparison of angiographic and physiologic correlates to myocardial perfusion**
Fearon, W., Hiatt, B., Rezaee, M., Herity, N., Suzuki, T., Ikeno, F., Yeung, A. G., Carter, A. J., Yock, P.
LIPPINCOTT WILLIAMS & WILKINS.2001: 580-80
- **Fractional flow reserve compared with intravascular ultrasound guidance for optimizing stent deployment** *CIRCULATION*
Fearon, W. F., Luna, J., Samady, H., Powers, E. R., Feldman, T., Dib, N., Tuzcu, E. M., Cleman, M. W., Chou, T. M., Cohen, D. J., Ragosta, M., Takagi, A., Jeremias, et al
2001; 104 (16): 1917-1922
- **Effects of chronotropic incompetence and beta-blocker use on the exercise treadmill test in men** *AMERICAN HEART JOURNAL*
Gauri, A. J., Raxwal, V. K., Roux, L., Fearon, W. F., Froelicher, V. F.
2001; 142 (1): 136-141
- **Clinical utility of the exercise ECG in patients with diabetes and chest pain** *CHEST*
Lee, D. P., Fearon, W. F., Froelicher, V. F.
2001; 119 (5): 1576-1581
- **Images in cardiology. Giant left ventricular pseudoaneurysm.** *Clinical cardiology*
Fearon, W. F., Lo, S., Stertzer, S.
2001; 24 (4): 345-?
- **Safety and efficacy of high pressure retrograde cardiac venous injection. Implications for regional myocardial delivery**
Herity, N. A., Fearon, W., Hiatt, B. L., Rezaee, M., Suzuki, T., Lee, D. P., Yeung, A. C., Carter, A. J., Fitzgerald, P. J., Yock, P. G.
ELSEVIER SCIENCE INC.2001: 6A-6A
- **Fractional flow reserve compared to intravascular ultrasound guidance for optimal stent deployment: Final results of the FUSION study**
Fearon, W. F., Takagi, A., Luna, J., Jeremias, A., Samady, H., Powers, E. R., Feldman, T., Dib, N., Tuzcu, E. M., Cleman, M. W., Chou, T. M., Cohen, D. J., Yeung, et al
ELSEVIER SCIENCE INC.2001: 85A-85A
- **Is the use of fractional flow reserve to guide coronary interventions cost-effective?**
Fearon, W. F., Yeung, A. C., Honda, Y., Yock, P. G., Heidenreich, P. A.
ELSEVIER SCIENCE INC.2001: 12A-12A
- **Use of fractional myocardial flow reserve to assess the functional significance of intermediate coronary stenoses** *AMERICAN JOURNAL OF CARDIOLOGY*
Fearon, W. F., Takagi, A., Jeremias, A., Yeung, A. C., Joye, J. D., Cohen, D. J., Chou, T. M., Kern, M. J., Yock, P. G.
2000; 86 (9): 1013-1014

- **A comparison between the use of fractional flow reserve and intravascular ultrasound for determining optimal stent deployment (FUSION study)**
Fearon, W. F., Takagi, A., Luna, J., Samady, H., Powers, E. R., Feldman, T., Cleman, M. W., Chou, T. M., Cohen, D. J., Dib, N., Yeung, A. C., Kern, M. J.
LIPPINCOTT WILLIAMS & WILKINS.2000: 635-?
- **The effect of resting ST segment depression on the diagnostic characteristics of the exercise treadmill test** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*
Fearon, W. F., Lee, D. P., Froelicher, V. F.
2000; 35 (5): 1206-1211
- **Pneumocephalus due to invasive fungal sinusitis** *CLINICAL INFECTIOUS DISEASES*
Engel, G., Fearon, W. F., Kosek, J. C., Loutit, J. S.
2000; 30 (1): 215-217
- **Does elevated cardiac troponin I in patients with unstable angina predict ischemia on stress testing?** *AMERICAN JOURNAL OF CARDIOLOGY*
Fearon, W. F., Lee, F. H., Froelicher, V. F.
1999; 84 (12): 1440-?
- **Lessons learned from studies of the standard exercise ECG test** *CHEST*
Froelicher, V. F., Fearon, W. F., Ferguson, C. M., Morise, A. P., Heidenreich, P., West, J., Atwood, J. E.
1999; 116 (5): 1442-1451
- **Should only the squeaky wheel get the grease? The prognostic significance of silent ischemia detected by exercise treadmill testing** *AMERICAN HEART JOURNAL*
Fearon, W. F., Voodi, L., Atwood, J. E., Froelicher, V.
1998; 136 (5): 759-761
- **Iliofemoral venous thrombosis treated by catheter-directed thrombolysis, angioplasty, and endoluminal stenting** *WESTERN JOURNAL OF MEDICINE*
Fearon, W. F., Semba, C. P.
1998; 168 (4): 277-279
- **Acute myocardial infarction in a young woman with systemic lupus erythematosus.** *Vascular medicine*
Fearon, W. F., Cooke, J. P.
1996; 1 (1): 19-23