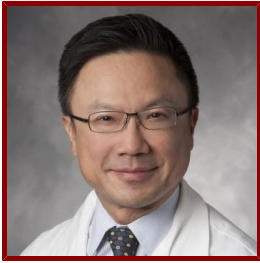


# Stanford

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## Alan Yeung, MD

The Li Ka Shing Professor in Cardiology  
Medicine - Cardiovascular Medicine

### CLINICAL OFFICES

- **Cardiovascular Medicine**

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### ACADEMIC CONTACT INFORMATION

- **Alternate Contact**

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### Bio

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### CLINICAL FOCUS

- Cardiology (Heart)
- Coronary Artery Disease
- Chronic Total Occlusions
- Complex Coronary Angioplasty
- Mitral Valvuloplasty
- Percutaneous Aortic Valve Replacement
- Interventional Cardiology

### ACADEMIC APPOINTMENTS

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

### ADMINISTRATIVE APPOINTMENTS

- Senior Medical Director, International Medical Service, Stanford Medicine, (2016- present)
- Medical Director, Cardiovascular Health, Stanford Medicine, (2011- present)
- Chief(Clinical), Division of Cardiovascular Medicine, Stanford University School of Medicine, (2000- present)

### HONORS AND AWARDS

- Li Ka Shing Professor, Stanford University (2008)

### PROFESSIONAL EDUCATION

- Fellowship: Brigham and Women's Hospital Harvard Medical School (1990) MA
- Residency: Massachusetts General Hospital (1987) MA
- Board Certification: Cardiovascular Disease, American Board of Internal Medicine (1989)

- Board Certification: Internal Medicine, American Board of Internal Medicine (1987)
- Board Certification: Interventional Cardiology, American Board of Internal Medicine (2000)
- Internship: Massachusetts General Hospital (1985) MA
- Medical Education: Harvard Medical School (1984) MA

## LINKS

- Get a Second Opinion: <https://stanfordhealthcare.org/second-opinion/overview.html>

## Research & Scholarship

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### CURRENT RESEARCH AND SCHOLARLY INTERESTS

Coronary artery disease is the leading cause of death in men and women in the United States. Our group is interested in studying both the early and late phases of atherosclerosis so that we can better develop prevention and treatment strategies. Our current studies include:

- 1) non-invasive methods of assessing vascular endothelial function so that we can better stratify high risk coronary artery disease patients.
- 2) structural and functional studies of atherosclerosis in transplant coronary artery disease patients in order to define the relationship between the two.
- 3) intravascular ultrasound studies to define the time-course in the development of transplant coronary disease.
- 4) development of novel techniques to deliver drug imbedded particles into the atherosclerotic wall.
- 5) study the restenosis process in a vivo pig model.

### CLINICAL TRIALS

- Absorb IV Randomized Controlled Trial, Recruiting
- Cardiovascular Outcomes Assessment of the MitraClip Percutaneous Therapy for Heart Failure Patients With Functional Mitral Regurgitation (The COAPT Trial), Recruiting
- Safety and Efficacy Study of Lotus Valve for Transcatheter Aortic Valve Replacement, Recruiting
- Safety and Efficacy Study of the Medtronic CoreValve® System in the Treatment of Severe, Symptomatic Aortic Stenosis in Intermediate Risk Subjects Who Need Aortic Valve Replacement (SURTAVAL), Recruiting
- Sex Differences in Coronary Pathophysiology, Recruiting
- SPYRAL HTN-ON MED Study, Recruiting
- SPYRAL PIVOTAL - SPYRAL HTN-OFF MED Study, Recruiting
- The PARTNER II Trial: Placement of Aortic Transcatheter Valves - PII A, Recruiting
- The PARTNER II Trial: S3iCAP, Recruiting
- FAME II - Fractional Flow Reserve (FFR) Guided Percutaneous Coronary Intervention (PCI) Plus Optimal Medical Treatment (OMT) Verses OMT, Not Recruiting
- Safety and Efficacy of the ZoMaxx™ Drug-Eluting Stent System in Coronary Arteries, Not Recruiting
- TAXUS Libert# Post Approval Study, Not Recruiting
- The Preventive Coronary Intervention on Stenosis With Functionally Insignificant Vulnerable Plaque, Not Recruiting

## Publications

### PUBLICATIONS

- **New CENTERA Transcatheter Aortic Valve: Best of the Balloon-Expandable and Self-Expanding Valve Worlds?** *JACC. Cardiovascular interventions*  
Yeung, A. C.  
2019; 12 (7): 681–83
- **PERIARTERIAL NEOVASCULARIZATION AND ATTENUATED-SIGNAL PLAQUE PREDICT LONG-TERM MORTALITY AFTER HEART TRANSPLANTATION: RISK STRATIFICATION WITH IVUS-DETERMINED CORONARY INFLAMMATORY FINDINGS**  
Kashiyama, K., Okada, K., Kitahara, H., Kameda, R., Hollak, M., Luikart, H., Yock, P., Yeung, A., Fitzgerald, P., Khush, K., Fearon, W., Honda, Y.  
ELSEVIER SCIENCE INC.2019: 1428
- **In Vivo Translation of the CIRPI System---Revealing Molecular Pathology of Rabbit Aortic Atherosclerotic Plaques.** *Journal of nuclear medicine : official publication, Society of Nuclear Medicine*  
Zaman, R., Yousufi, S., Chibana, H., Ikeno, F., Long, S. R., Gambhir, S. S., Chin, F. T., McConnell, M. V., Xing, L., Yeung, A.  
2019
- **Association of Endothelin-1 with Accelerated Cardiac Allograft Vasculopathy and Late Mortality Following Heart Transplantation.** *Journal of cardiac failure*  
Parikh, R. V., Khush, K., Pargaonkar, V. S., Luikart, H., Grimm, D., Yu, M., Akada, K., Honda, Y., Yeung, A. C., Valentine, H., Fearon, W. F.  
2018
- **Cytokines profile of reverse cardiac remodeling following transcatheter aortic valve replacement.** *International journal of cardiology*  
Kim, J. B., Kobayashi, Y., Kuznetsova, T., Moneghetti, K. J., Brenner, D. A., O'Malley, R., Dao, C., Wu, J. C., Fischbein, M., Craig Miller, D., Yeung, A. C., Liang, D., Haddad, et al  
2018; 270: 83–88
- **Outcomes of Transcatheter Aortic Valve Replacement compared to Surgical Aortic Valve Replacement in patients with prior Chest Radiation**  
Chacko, Y., Zhang, X., Jaluba, K., Lee, A., Miller, D., Yeung, A. C., Kim, B., Fearon, W.  
ELSEVIER SCIENCE INC.2018: B244–B245
- **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
- **Accuracy of non-invasive stress testing in women and men with angina in the absence of obstructive coronary artery disease.** *International journal of cardiology*  
Pargaonkar, V. S., Kobayashi, Y., Kimura, T., Schnittger, I., Chow, E. K., Froelicher, V. F., Rogers, I. S., Lee, D. P., Fearon, W. F., Yeung, A. C., Stefanick, M. L., Tremmel, J. A.  
2018
- **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
- **Dose-Dependent Cardioprotection of Moderate (32°C) Versus Mild (35°C) Therapeutic Hypothermia in Porcine Acute Myocardial Infarction.** *JACC. Cardiovascular interventions*

- Dash, R., Mitsutake, Y., Pyun, W. B., Dawoud, F., Lyons, J., Tachibana, A., Yahagi, K., Matsuura, Y., Kolodgie, F. D., Virmani, R., McConnell, M. V., Illindala, U., Ikeno, et al  
2018; 11 (2): 195–205
- **The effect of negative remodeling on fractional flow reserve after cardiac transplantation** *INTERNATIONAL JOURNAL OF CARDIOLOGY*  
Fearon, W. F., Felix, R., Hirohata, A., Sakurai, R., Jose, P. O., Yamasaki, M., Nakamura, M., Fitzgerald, P. J., Valantine, H. A., Yock, P. G., Yeung, A. C.  
2017; 241: 283–87
  - **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
  - **THE INFLAMMASOME PATHWAY IS ASSOCIATED WITH ADVERSE VENTRICULAR REMODELING FOLLOWING TRANSCATHETER AORTIC VALVE REPLACEMENT**  
Kim, J., Kobayashi, Y., Kouznetsova, T., Moneghetti, K., Brenner, D., O'Malley, R., Dao, C., Schnittger, I., Liang, D., Wu, J., Fischbein, M., Lee, A., Miller, et al  
ELSEVIER SCIENCE INC.2017: 1040
  - **SEX DIFFERENCES IN THE RISK FACTORS FOR ENDOTHELIAL AND MICROVASCULAR DYSFUNCTION IN PATIENTS WITH ANGINA IN THE ABSENCE OF OBSTRUCTIVE CORONARY ARTERY DISEASE**  
Pargaonkar, V., Kobayashi, Y., Kimura, T., Lee, D., Stefanick, M., Fearon, W., Yeung, A., Tremmel, J.  
ELSEVIER SCIENCE INC.2017: 1749
  - **Acute Right Ventricular Failure After Successful Opening of Chronic Total Occlusion in Right Coronary Artery Caused by a Large Intramural Hematoma.** *Circulation. Cardiovascular interventions*  
Kawana, M., Lee, A. M., Liang, D. H., Yeung, A. C.  
2017; 10 (2)
  - **Impact of Stent Size Selection on Acute and Long-Term Outcomes After Drug-Eluting Stent Implantation in De Novo Coronary Lesions.** *Circulation. Cardiovascular interventions*  
Kitahara, H., Okada, K., Kimura, T., Yock, P. G., Lansky, A. J., Popma, J. J., Yeung, A. C., Fitzgerald, P. J., Honda, Y.  
2017; 10 (10)
  - **Feasibility of Obtaining Measures of Lifestyle From a Smartphone App: The MyHeart Counts Cardiovascular Health Study.** *JAMA cardiology*  
McConnell, M. V., Shcherbina, A., Pavlovic, A., Homburger, J. R., Goldfeder, R. L., Waggot, D., Cho, M. K., Rosenberger, M. E., Haskell, W. L., Myers, J., Champagne, M. A., Mignot, E., Landray, et al  
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  - **Impact of Asymmetric Dimethylarginine on Coronary Physiology Early After Heart Transplantation.** *The American journal of cardiology*  
Parikh, R. V., Khush, K. K., Luikart, H., Pargaonkar, V. S., Kobayashi, Y., Lee, J. H., Sinha, S., Cohen, G., Valantine, H. A., Yeung, A. C., Fearon, W. F.  
2017
  - **Coronary Endothelial Dysfunction and the Index of Microcirculatory Resistance as a Marker of Subsequent Development of Cardiac Allograft Vasculopathy.** *Circulation*  
Lee, J. H., Okada, K., Khush, K., Kobayashi, Y., Sinha, S., Luikart, H., Valantine, H., Yeung, A. C., Honda, Y., Fearon, W. F.  
2017; 135 (11): 1093–95
  - **Angiotensin-Converting Enzyme Inhibition Early After Heart Transplantation.** *Journal of the American College of Cardiology*  
Fearon, W. F., Okada, K., Kobashigawa, J. A., Kobayashi, Y., Luikart, H., Sana, S., Daun, T., Chmura, S. A., Sinha, S., Cohen, G., Honda, Y., Pham, M., Lewis, et al  
2017; 69 (23): 2832–41
  - **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)
  - **Baseline growth differentiation factor 15 (GDF15) is an independent predictor of reverse left atrial remodeling and mortality at 1-year following Transcatheter Aortic Valve Replacement**  
Kim, J., Kobayashi, Y., Brenner, D., Moneghetti, K., O'Malley, R., Dao, C., Vu, T., Schnittger, I., Liang, D., Wu, J., Fischbein, M., Lee, A., Miller, et al

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- **Early Left Ventricular Dysfunction is Associated with Cardiac Allograft Vasculopathy and Late Mortality After Heart Transplantation**  
Okada, K., Honda, Y., Luikart, H., Yock, P. G., Fitzgerald, P. J., Yeung, A. C., Valantine, H., Khush, K., Fearon, W.  
ELSEVIER SCIENCE INC.2016: B331
- **Myocardial Bridge and Acute Plaque Rupture.** *Journal of investigative medicine high impact case reports*  
Perl, L., Daniels, D., Schwartz, J., Tanaka, S., Yeung, A., Tremmel, J. A., Schnittger, I.  
2016; 4 (4): 2324709616680227-?
- **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., Valantine, H. A., Khush, K. K., Honda, et al  
2016; 68 (4): 382-392
- **Incidence and predictors of unplanned non-target lesion revascularisation up to three years after drug-eluting stent implantation: insights from a pooled analysis of the RESOLUTE Global Clinical Trial Program** *EUROINTERVENTION*  
Abdel-Wahab, M., Neumann, F., Serruys, P., Silber, S., Leon, M., Mauri, L., Yeung, A., Belardi, J. A., Widimsky, P., Meredith, I., Saito, S., Richardt, G.  
2016; 12 (4): 465-472
- **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
- **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., Valantine, H., Fearon, W. F.  
2016; 133 (20): 1945-1950
- **Transcatheter Aortic Valve Replacement in the Asian Population What Did We Learn and Not Learn?** *JACC-CARDIOVASCULAR INTERVENTIONS*  
Yeung, A. C.  
2016; 9 (9): 934-36
- **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
- **HIGHER LEVELS OF ASYMMETRIC DIMETHYLARGININE ARE ASSOCIATED WITH LOWER FRACTIONAL FLOW RESERVE AFTER ORTHOTOPIC HEART TRANSPLANTATION**  
Parikh, R., Khush, K., Luikart, H., Pargaonkar, V., Kobayashi, Y., Lee, J., Sinha, S., Cohen, G., Valantine, H., Yeung, A., Fearon, W.  
ELSEVIER SCIENCE INC.2016: 1355
- **ENDOTHELIUM DEPENDENT AND INDEPENDENT VASODILATOR RESPONSES AFTER HEART TRANSPLANTATION: GEOGRAPHIC DISTRIBUTION AND ASSOCIATION WITH PROGRESSION OF CARDIAC ALLOGRAFT VASCULOPATHY**  
Okada, K., Kimura, T., Miki, K., Yock, P., Yeung, A., Fitzgerald, P., Luikart, H., Khush, K., Honda, Y., Fearon, W.  
ELSEVIER SCIENCE INC.2016: 254
- **FRACTIONAL FLOW RESERVE IN PATIENTS WITH ANGINA IN THE ABSENCE OF OBSTRUCTIVE CORONARY ARTERY DISEASE: IS THERE SUCH A THING AS NORMAL CORONARY ARTERIES?**  
Kimura, T., Fearon, W., Kobayashi, Y., Okada, K., Miki, K., Pargaonkar, V., Yock, P., Fitzgerald, P., Honda, Y., Yeung, A., Tremmel, J.  
ELSEVIER SCIENCE INC.2016: 375
- **THE IMPACT OF ANGIOTENSIN CONVERTING ENZYME INHIBITORS ON ASYMMETRIC DIMETHYLARGININE IN ORTHOTOPIC HEART TRANSPLANTATION RECIPIENTS: A MULTICENTER, RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED TRIAL**  
Parikh, R., Khush, K., Sana, S., Daun, T., Luikart, H., Pargaonkar, V., Sinha, S., Cohen, G., Valantine, H., Yeung, A., Kobashigawa, J., Fearon, W.

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- **ANGIOTENSIN-CONVERTING ENZYME INHIBITION EARLY AFTER CARDIAC TRANSPLANTATION: A MULTI-CENTER, RANDOMIZED, DOUBLE-BLIND TRIAL COMPARING RAMIPRIL VERSUS PLACEBO**  
Kobayashi, Y., Okada, K., Khush, K., Sana, S., Daun, T., Sinha, S., Cohen, G., Honda, Y., Luikart, H., Valantine, H., Yeung, A., Kobashigawa, J., Fearon, et al  
ELSEVIER SCIENCE INC.2016: 1445
- **EARLY ASSOCIATION OF ASYMMETRIC DIMETHYLARGININE WITH ENDOTHELIAL DYSFUNCTION IN PATIENTS WITH ANGINA AND NONOBSTRUCTIVE CORONARY ARTERY DISEASE**  
Parikh, R., Pargaonkar, V., Kobayashi, Y., Kimura, T., Yeung, A., Cooke, J., Tremmel, J.  
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- **CLINICAL PRESENTATION, MANAGEMENT AND PROGNOSIS OF PATIENTS WITH SPONTANEOUS CORONARY ARTERY DISSECTION**  
Pargaonkar, V., Khandelwal, A., Krishnan, G., Sears, K., Hoover, V., Fearon, W., Lee, D., Yeung, A., Tsai, S., Nejedly, M., Naderi, S., Tremmel, J.  
ELSEVIER SCIENCE INC.2016: 53
- **EARLY CORONARY ENDOTHELIAL DYSFUNCTION PREDICTS ACCELERATED PLAQUE PROGRESSION 1 YEAR AFTER CARDIAC TRANSPLANTATION: SERIAL VOLUMETRIC EVALUATION BY INTRAVASCULAR ULTRASOUND**  
Lee, J., Okada, K., Khush, K., Kobayashi, Y., Sinha, S., Luikart, H., Valantine, H., Yeung, A., Honda, Y., Fearon, W.  
ELSEVIER SCIENCE INC.2016: 364
- **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., Valantine, 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., Valantine, H. A., Fitzgerald, P. J., Khush, K. K., Honda, et al  
2015; 3 (12): 942-952
- **Response to Letters Regarding Article, "Invasive Evaluation of Patients With Angina in the Absence of Obstructive Coronary Artery Disease"** *CIRCULATION*  
Tremmel, J. A., Fearon, W. F., Lee, B., Lim, H., Yong, A. S., Yamada, R., Tanaka, S., Lee, D. P., Yeung, A. C.  
2015; 132 (20): E244
- **Clinical Relevance of Myocardial Injury After Transcatheter Aortic Valve Replacement** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*  
Fearon, W. F., Yeung, A. C.  
2015; 66 (19): 2089-91
- **Poorer Left Ventricular Global Longitudinal Strain and Less Tricuspid Regurgitation Predicts Improvement in Left Ventricular Function Following Transcatheter Aortic Valve Replacement**  
Kim, J. B., Brenner, D., Kobayashi, Y., O'Malley, R., Kobayashi, Y., Dao, C., Thu Vu, Yeung, A., Miller, D., Fischbein, M., Wu, J. C., Haddad, F., Fearon, W. F.  
ELSEVIER SCIENCE INC.2015: B263-B264
- **Endovascular hypothermia treatment dose-modulates cardioprotection in favor of 32 degrees C target temperature before reperfusion in porcine myocardial infarction**  
Mitsutake, Y., Dash, R., Ikeno, F., Pyun, W., Lyons, J., Dawoud, F., Illindala, U., Yeung, A.  
ELSEVIER SCIENCE INC.2015: B94
- **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
- **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.  
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- **Manganese-Enhanced Magnetic Resonance Imaging Enables In Vivo Confirmation of Peri-Infarct Restoration Following Stem Cell Therapy in a Porcine Ischemia-Reperfusion Model.** *Journal of the American Heart Association*  
Dash, R., Kim, P. J., Matsuura, Y., Ikeno, F., Metzler, S., Huang, N. F., Lyons, J. K., Nguyen, P. K., Ge, X., Foo, C. W., McConnell, M. V., Wu, J. C., Yeung, et al  
2015; 4 (7)
- **Impact of Body Mass Index on Long-Term Clinical Outcomes After Second-Generation Drug Eluting Stent Implantation: Insights From the International Global RESOLUTE Program** *CATHETERIZATION AND CARDIOVASCULAR INTERVENTIONS*  
Diletti, R., Garcia-Garcia, H. M., Bourantas, C., Van Mieghem, N. M., van Geuns, R. J., Muramatsu, T., Zhang, Y., Mauri, L., Belardi, J., Silber, S., Widimsky, P., Leon, M., Windecker, et al  
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- **Trial of Everolimus-Eluting Stents or Bypass Surgery for Coronary Disease** *NEW ENGLAND JOURNAL OF MEDICINE*  
Park, S., Ahn, J., Kim, Y., Park, D., Yun, S., Lee, J., Kang, S., Lee, S., Lee, C. W., Park, S., Choo, S. J., Chung, C. H., Lee, et al  
2015; 372 (13): 1204-1212
- **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
- **SEX DIFFERENCES IN CORONARY PATHOPHYSIOLOGY IN PATIENTS WITH ANGINA IN THE ABSENCE OF OBSTRUCTIVE CORONARY ARTERY DISEASE**  
Pargaonkar, V., Kobayashi, Y., Tanaka, S., Mathur, M. B., Nguyen, P., Lee, D., Fearon, W., Yeung, A., Tremmel, J.  
ELSEVIER SCIENCE INC.2015: A1859
- **THE DIAGNOSTIC VALUE OF STRESS ECHOCARDIOGRAPHY AND ELECTROCARDIOGRAPHY IN IDENTIFYING OCCULT CORONARY ABNORMALITIES IN PATIENTS WITH ANGINA AND NO OBSTRUCTIVE CORONARY ARTERY DISEASE**  
Pargaonkar, V., Khandelwal, A., Kobayashi, Y., Tanaka, S., Mathur, M. B., Froelicher, V., Yeung, A., Tremmel, J.  
ELSEVIER SCIENCE INC.2015: A1623
- **THERAPEUTIC HYPOTHERMIA DOSE RESPONSE ON INFARCT SIZE IN ACUTE MYOCARDIAL INFARCTION USING ENDOVASCULAR COOLING AND REWARMING**  
Mitsutake, Y., Pyun, W., Dash, R., Tachibana, A., Matsuura, Y., Green, A., Lyons, J., Yeung, A., Ikeno, F.  
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- **ASSOCIATION OF PERIARTERIAL NEOVASCULARIZATION WITH PROGRESSION OF CARDIAC ALLOGRAFT VASCULOPATHY AND LONG-TERM CLINICAL OUTCOMES IN HEART TRANSPLANT RECIPIENTS**  
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