

# Stanford

---



## Joseph Woo

Norman E. Shumway Professor and Professor of Cardiothoracic Surgery

### CLINICAL OFFICES

- **Dept of Cardiothoracic Surgery**

300 Pasteur Dr

Falk Bldg CVRB

Stanford, CA 94305

**Tel** (650) 497-6757

**Fax** (650) 736-0901

### ACADEMIC CONTACT INFORMATION

- **Administrative Contact**

Yesenia Perez and Hillary Hite - Administrative Associates

**Email** yeseniap@stanford.edu, hmhite@stanford.edu

**Tel** (650) 725-3828, 723-8795

### Bio

---

#### CLINICAL FOCUS

- Mitral Valve Repair
- Aortic Valve Repair
- Complex Valve Repair Surgery
- Minimally Invasive Surgery
- Aortic Aneurysm
- Valve Replacement Surgery
- Heart Failure
- Ventricular Assist Device
- Heart Transplantation
- Lung Transplantation
- Heart-Lung Transplantation
- Coronary Artery Bypass
- Coronary Artery Bypass, Off-Pump
- Robotics
- Reoperative Cardiac Surgery
- Clinical Device Trials
- Thoracic and Cardiovascular Surgery

#### ACADEMIC APPOINTMENTS

- Professor, Cardiothoracic Surgery
- Member, Bio-X
- Member, Cardiovascular Institute

#### ADMINISTRATIVE APPOINTMENTS

- Chair, Department of Cardiothoracic Surgery, Stanford University School of Medicine, (2014- present)
- Director, Stanford Healthcare Board, (2019-2022)
- Associate Director, Stanford Cardiovascular Institute, CT Surgery, (2014- present)
- Member, Executive Committee, Stanford University School of Medicine, (2014- present)
- Attending Cardiothoracic Surgeon, Stanford Hospital and Clinics, (2014- present)
- Attending Cardiothoracic Surgeon, Lucille Packard Children's Hospital, (2014- present)

## **HONORS AND AWARDS**

- 2018 Top Ten Clinical Research in USA Award, Clinical Research Forum (2018)
- Top Doctors, San Francisco Magazine (2015,2016,2017,2018)
- Surgical Mentorship Teaching Award, Department of Surgery, University of Pennsylvania (2013)
- Luigi Mastroianni Clinical Innovator Award, University of Pennsylvania (2012)
- Top Doctors of Philadelphia Region, Philadelphia Magazine (2009, 2010, 2011, 2012, 2013)
- Class of 2012 Teaching Award, Penn Medicine (2009)
- 10 Philadelphia Medical Researchers to Watch for 2005, Philadelphia Inquirer (2005)
- 21 Up and Coming Leaders of Philadelphia Award Winner, Philadelphia Magazine (2003)
- 40 under Forty Award Winner, Philadelphia Business Journal (2003)
- Leonard J. Perloff Chief Resident Teaching Award (as determined by fellow residents), Department of Surgery, University of Pennsylvania (1999)
- Resident Prize First Place, Pennsylvania Association of Thoracic Surgery (1997)
- Surgical Scholar Award (Scoring 99th percentile on American Board of Surgery In-Service Exam), Department of Surgery, University of Pennsylvania (1997)
- Vivien Thomas Young Investigator Award Winner, American Heart Association (1997)
- William Y. Inouye Teaching Award (Top resident teacher as determined by medical students), Department of Surgery, University of Pennsylvania (1997)
- Penn Pearls Teaching Award (Teaching excellence, as determined by medical students), University of Pennsylvania (1995)
- I. S. Ravdin Prize (Top student in surgery), Department of Surgery, University of Pennsylvania (1992)
- Alpha Omega Alpha, University of Pennsylvania (1991)

## **BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS**

- Chair, Scientific Affairs and Government Relations Committee, American Association for Thoracic Surgery (2018 - present)
- Associate Editor, Journal of Thoracic and Cardiovascular Surgery (2015 - present)
- Chair, Leadership Committee, Council on Cardiovascular Surgery and Anesthesia, American Heart Association (2013 - present)
- Co-Director, American Association for Thoracic Surgery/NIH Grant Workshop (2013 - 2013)
- Co-Chair, Research Scholarship Committee, American Association for Thoracic Surgery (2012 - 2014)
- Member, Scientific Publishing Committee, American Heart Association (2012 - 2014)
- Chair, Publications Committee, Society of University Surgeons (2012 - 2013)
- Member, Society of Thoracic Surgeons Workforce for Research Development Taskforce on Grant Procurement (2011 - present)
- Vice-Chair, Leadership Committee, Council on Cardiovascular Surgery and Anesthesia, American Heart Association (2011 - 2013)
- Member, Publications Committee, Association for Academic Surgery (2011 - 2012)
- Co-Director, American Association for Thoracic Surgery/NIH Grant Workshop (2011 - 2011)
- Member, Society of Clinical Surgery (2010 - present)
- Member, Research Scholarship Committee, American Association for Thoracic Surgery (2010 - 2014)
- Chair, Scientific Sessions Program Committee, Council on Cardiovascular Surgery and Anesthesia, American Heart Association (2010 - 2012)
- Liaison, Leadership Committee, Council on Functional Genomics and Translational Biology, American Heart Association (2010 - 2012)
- Member, Cardiac Surgery Biology Club (2009 - present)
- Member, Program Committee, American College of Cardiology Annual Scientific Session (2009 - 2011)
- Member, Scientific Affairs and Government Relations Committee, American Association for Thoracic Surgery (2007 - present)
- Member, American Association for Thoracic Surgery (2007 - present)

- Member, Research Committee, Thoracic Surgery Foundation for Research and Education (2007 - 2013)
- Vice-Chair, Scientific Sessions Program Committee, Council on Cardiovascular Surgery and Anesthesia, American Heart Association (2007 - 2009)
- Fellowship, F.A.H.A. (2006 - present)
- Member, Scientific Sessions Program Committee, Council on Cardiovascular Surgery and Anesthesia, American Heart Association (2006 - 2007)
- Member, Asian Society for Cardiovascular Surgery (2005 - present)
- Member, Society of University Surgeons (2005 - present)
- Fellowship, F.A.C.C. (2004 - present)
- Fellowship, F.A.C.S. (2004 - present)
- Member, Leadership Committee, Council on Cardiovascular Surgery and Anesthesia, American Heart Association (2004 - present)
- Member, College of Physicians of Philadelphia (2003 - present)
- Member, International Society for Minimally Invasive Cardiac Surgery (2002 - present)
- Member, American Heart Association, Council for Cardiothoracic and Vascular Surgery (2002 - present)
- Member, International Society for Heart & Lung Transplantation (2002 - present)
- Member, Society of Thoracic Surgeons (2002 - present)
- Member, Association for Academic Surgery (2002 - present)
- Member, International Society for Heart Research (2002 - present)

## PROFESSIONAL EDUCATION

- Internship: Hospital of the University of Pennsylvania Anesthesia and CCM (1993) PA
- Board Certification: Thoracic and Cardiovascular Surgery, American Board of Thoracic Surgery (2002)
- Fellow, University of Pennsylvania , Cardiothoracic Surgery (2001)
- Board Certification: General Surgery, American Board of Surgery (2000)
- Resident, University of Pennsylvania , Cardiothoracic Surgery (2001)
- Chief Resident, University of Pennsylvania , Surgery (1999)
- Resident, University of Pennsylvania , Surgery (1998)
- Post-Doctoral Research Fellow, University of Pennsylvania (1997)
- MD, University of Pennsylvania School of Medicine (1992)
- BS, Massachusetts Institute of Technology (1988)

## PATENTS

- Y. Joseph Woo, Pavan Atluri. "United States Patent 61/568,866 (Provisional Application Filed) Ventricular Assist Device Sleeve Adapter", Dec 9, 2011
- Y. Joseph Woo, Howard C. Herrmann. "United States Patent 10/591,963 Device for Facilitating Antegrade Cardioplegia delivery in Patients with Aortic Insufficiency", Apr 19, 2011

## LINKS

- Make an Appointment: <http://med.stanford.edu/ctsurgery/contact-us.html#division-of-adult-cardiac-surgery>
- Medical Record Review: <https://stanfordhealthcare.org/second-opinion/medical-record-review.html>

## Research & Scholarship

---

### CLINICAL TRIALS

- Evaluating the Benefit of Concurrent Tricuspid Valve Repair During Mitral Surgery, Recruiting
- Surgical Treatment of Aortic Stenosis With a Next Generation, Rapid Deployment Surgical Aortic Valve, Recruiting

- Safety & Efficacy of Intramyocardial Injection of Mesenchymal Precursor Cells on Myocardial Function in LVAD Recipients, Not Recruiting

## Publications

---

### PUBLICATIONS

- **Stanford Cardiovascular Institute At the Forefront of Cardiovascular Research** *CIRCULATION RESEARCH*  
Wu, J. C., Woo, Y., Mayerle, M., Harrington, R. A., Quertermous, T.  
2019; 124 (10): 1420–24
- **First in line for robotic surgery: Would you want to know?** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Woo, Y., Handy, J. R., Sade, R. M.  
2019; 157 (5): 1934–40
- **Redo Valve-Sparing Root Replacement for Delayed Cusp Derangement from Ventricular Septal Defect.** *The Annals of thoracic surgery*  
Zhu, Y., Cohen, J. E., Ma, M., Woo, Y. J.  
2019
- **Integrated Thoracic Surgery Residency: Current Status and Future Evolution.** *Seminars in thoracic and cardiovascular surgery*  
Zhu, Y., Goldstone, A. B., Woo, Y. J.  
2019
- **Intramyocardial Injection of Mesenchymal Precursor Cells and Successful Temporary Weaning From Left Ventricular Assist Device Support in Patients With Advanced Heart Failure A Randomized Clinical Trial** *JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION*  
Yau, T. M., Pagani, F. D., Mancini, D. M., Chang, H. L., Lala, A., Woo, Y., Acker, M. A., Selzman, C. H., Soltesz, E. G., Kern, J. A., Maltais, S., Charbonneau, E., Pan, et al  
2019; 321 (12): 1176–86
- **Intramyocardial Injection of Mesenchymal Precursor Cells and Successful Temporary Weaning From Left Ventricular Assist Device Support in Patients With Advanced Heart Failure: A Randomized Clinical Trial.** *JAMA*  
Yau, T. M., Pagani, F. D., Mancini, D. M., Chang, H. L., Lala, A., Woo, Y. J., Acker, M. A., Selzman, C. H., Soltesz, E. G., Kern, J. A., Maltais, S., Charbonneau, E., Pan, et al  
2019; 321 (12): 1176–86
- **Short-Term Outcomes of en bloc Combined Heart and Liver Transplantation in the Failing Fontan.** *Clinical transplantation*  
Vaikunth, S. S., Concepcion, W., Daugherty, T., Fowler, M., Lutchnan, G., Maeda, K., Rosenthal, D. N., Teuteberg, J., Joseph Woo, Y., Lui, G. K.  
2019; e13540
- **Ex vivo biomechanical study of apical versus papillary neochoord anchoring for mitral regurgitation.** *The Annals of thoracic surgery*  
Imbrie-Moore, A. M., Paulsen, M. J., Thakore, A. D., Wang, H., Hironaka, C. E., Lucian, H. J., Farry, J. M., Edwards, B. B., Bae, J. H., Cutkosky, M. R., Woo, Y. J.  
2019
- **Multidisciplinary approach utilizing early, intensive physical rehabilitation to accelerate recovery from veno-venous extracorporeal membrane oxygenation.** *European journal of cardio-thoracic surgery : official journal of the European Association for Cardio-thoracic Surgery*  
Zhu, Y., Bankar, D., Shudo, Y., Woo, Y. J.  
2019
- **A Unique Collateral Artery Development Program Promotes Neonatal Heart Regeneration** *CELL*  
Das, S., Goldstone, A. B., Wang, H., Farry, J., D'Amato, G., Paulsen, M. J., Eskandari, A., Hironaka, C. E., Phansalkar, R., Sharma, B., Rhee, S., Shamskhov, E., Agalliu, et al  
2019; 176 (5): 1128–+
- **Photosynthetic symbiotic therapy** *AGING-US*  
Wang, H., Wu, M. A., Woo, Y.  
2019; 11 (3): 843–44
- **Successful heart-lung-kidney and domino heart transplantation following veno-venous extracorporeal membrane oxygenation support** *INTERACTIVE CARDIOVASCULAR AND THORACIC SURGERY*  
Zhu, Y., Shudo, Y., Lee, A. M., Woo, Y.  
2019; 28 (2): 316–17

- **Impact of "increased-risk" donor hearts on transplant outcomes: A propensity-matched analysis.** *The Journal of thoracic and cardiovascular surgery*  
Shudo, Y., Cohen, J. E., Lingala, B., He, H., Zhu, Y., Woo, Y. J.  
2019; 157 (2): 603–10
- **Endovascular Versus Open Repair of Intact Descending Thoracic Aortic Aneurysms** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*  
Chiu, P., Goldstone, A. B., Schaffer, J. M., Lingala, B., Miller, D., Mitchell, R., Woo, Y., Fischbein, M. P., Dake, M. D.  
2019; 73 (6): 643–51
- **Impact of "increased-risk" donor hearts on transplant outcomes: A propensity-matched analysis** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Shudo, Y., Cohen, J. E., Lingala, B., He, H., Zhu, Y., Woo, Y.  
2019; 157 (2): 603–10
- **Heart-lung transplantation over the past 10 years: an up-to-date concept** *EUROPEAN JOURNAL OF CARDIO-THORACIC SURGERY*  
Shudo, Y., Kasinpila, P., Lingala, B., Kim, F. Y., Woo, Y.  
2019; 55 (2): 304–8
- **Photosynthetic symbiotic therapy.** *Aging*  
Wang, H., Wu, M. A., Woo, Y. J.  
2019
- **A Unique Collateral Artery Development Program Promotes Neonatal Heart Regeneration.** *Cell*  
Das, S., Goldstone, A. B., Wang, H., Farry, J., D'Amato, G., Paulsen, M. J., Eskandari, A., Hironaka, C. E., Phansalkar, R., Sharma, B., Rhee, S., Shamskhov, E. A., Agalliu, et al  
2019
- **Ageism in cardiac surgery: is less really more?** *AGING-US*  
Goldstone, A. B., Woo, Y.  
2019; 11 (1): 1–2
- **Cardioaortic replacement for a ruptured root pseudoaneurysm with pulsatile subcutaneous extension.** *European journal of cardio-thoracic surgery : official journal of the European Association for Cardio-thoracic Surgery*  
Wang, H., Shudo, Y., Hittinger, S. A., Woo, Y. J.  
2019
- **Ageism in cardiac surgery: is less really more?** *Aging*  
Goldstone, A. B., Woo, Y. J.  
2019
- **Stanford Cardiovascular Institute.** *Circulation research*  
Wu, J. C., Woo, Y. J., Mayerle, M., Harrington, R. A., Quertermous, T.  
2019; 124 (10): 1420–24
- **Bioengineered analog of stromal cell-derived factor 1# preserves the biaxial mechanical properties of native myocardium after infarction.** *Journal of the mechanical behavior of biomedical materials*  
Wang, H., Wisneski, A., Paulsen, M. J., Imbrie-Moore, A., Wang, Z., Xuan, Y., Hernandez, H. L., Lucian, H. J., Eskandari, A., Thakore, A. D., Farry, J. M., Hironaka, C. E., von Bornstaedt, et al  
2019; 96: 165–71
- **Time-to-operation does not predict outcome in acute type A aortic dissection complicated by neurologic injury at presentation.** *The Journal of thoracic and cardiovascular surgery*  
Chiu, P., Rotto, T. J., Goldstone, A. B., Whisenant, J. B., Woo, Y. J., Fischbein, M. P.  
2018
- **Intramyocardial Injection of Mesenchymal Precursor Cells in Left Ventricular Assist Device Recipients: Impact on Myocardial Recovery and Morbidity**  
Pagani, F. D., Milano, C. A., Mancini, D. M., Lala, A., Woo, Y., Chang, H. L., Acker, M. A., Selzman, C. H., Moskowitz, A. J., Soltesz, E. G., Kern, J. A., Maltais, S., Charbonneau, et al  
LIPPINCOTT WILLIAMS & WILKINS.2018: E765–E766
- **mpact of Donor Obesity on Outcomes After Orthotopic Heart Transplantation** *JOURNAL OF THE AMERICAN HEART ASSOCIATION*  
Shudo, Y., Cohen, J. E., Lingala, B., He, H., Woo, Y.

2018; 7 (23)

- **Impact of Donor Obesity on Outcomes After Orthotopic Heart Transplantation.** *Journal of the American Heart Association*  
Shudo, Y., Cohen, J. E., Lingala, B., He, H., Woo, Y. J.  
2018; 7 (23): e010253
- **The Incremental Value of Right Ventricular Size and Strain in the Risk Assessment of Right Heart Failure Post - Left Ventricular Assist Device Implantation** *JOURNAL OF CARDIAC FAILURE*  
Aymami, M., Amsallem, M., Adams, J., Sallam, K., Moneghetti, K., Wheeler, M., Hiesinger, W., Teuteberg, J., Weisshaar, D., Verhoye, J., Woo, Y., Ha, R., Haddad, et al  
2018; 24 (12): 823–32
- **The Incremental Value of Right Ventricular Size and Strain in the Risk Assessment of Right Heart Failure Post - Left Ventricular Assist Device Implantation.** *Journal of cardiac failure*  
Aymami, M., Amsallem, M., Adams, J., Sallam, K., Moneghetti, K., Wheeler, M., Hiesinger, W., Teuteberg, J., Weisshaar, D., Verhoye, J., Woo, Y. J., Ha, R., Haddad, et al  
2018; 24 (12): 823–32
- **First in line for robotic surgery: Would you want to know?** *The Journal of thoracic and cardiovascular surgery*  
Woo, Y. J., Handy, J. R., Sade, R. M.  
2018
- **Modeling conduit choice for valve-sparing aortic root replacement on biomechanics with a 3-dimensional-printed heart simulator.** *The Journal of thoracic and cardiovascular surgery*  
Paulsen, M. J., Kasinpila, P., Imbrie-Moore, A. M., Wang, H., Hironaka, C. E., Koyano, T. K., Fong, R., Chiu, P., Goldstone, A. B., Steele, A. N., Stapleton, L. M., Ma, M., Woo, et al  
2018
- **Rapid Self-Assembly of Bioengineered Cardiovascular Bypass Grafts From Scaffold-Stabilized, Tubular Bilevel Cell Sheets** *CIRCULATION*  
von Bornstadt, D., Wang, H., Paulsen, M. J., Goldstone, A. B., Eskandari, A., Thakore, A., Stapleton, L., Steele, A. N., Truong, V. N., Jaatinen, K., Hironaka, C., Woo, Y.  
2018; 138 (19): 2130–44
- **Would evolving recommendations for mechanical mitral valve replacement further raise the bar for successful mitral valve repair?** *EUROPEAN JOURNAL OF CARDIO-THORACIC SURGERY*  
Chiu, P., Goldstone, A. B., Woo, Y.  
2018; 54 (4): 622–26
- **Planned Concomitant Left and Right Ventricular Assist Device Insertion to Avoid Long-term Biventricular Mechanical Support: Bridge to Right Ventricular Recovery.** *The heart surgery forum*  
Salna, M., Shudo, Y., Teuteberg, J. J., Banerjee, D., Ha, R. V., Woo, Y. J., Hiesinger, W.  
2018; 21 (5): E412–E414
- **Mechanical Versus Bioprosthetic Aortic Valve Replacement in Patients Aged 50 Years and Younger**  
Hirji, S. A., Kolkailah, A. A., Ramirez-Del Val, F., Lee, J., McGurk, S., Pelletier, M., Singh, S., Mallidi, H. R., Aranki, S., Shekar, P., Kaneko, T., Goldstone, A. B., Woo, et al  
ELSEVIER SCIENCE INC.2018: 1113–21
- **POSTPARTUM DIAGNOSIS OF CARDIAC PARAGANGLIOMA: A CASE REPORT** *JOURNAL OF EMERGENCY MEDICINE*  
Berona, K., Joshi, R., Woo, Y., Shrager, J.  
2018; 55 (4): E101–E105
- **Heart-lung transplantation over the past 10 years: an up-to-date concept.** *European journal of cardio-thoracic surgery : official journal of the European Association for Cardio-thoracic Surgery*  
Shudo, Y., Kasinpila, P., Lingala, B., Kim, F. Y., Woo, Y. J.  
2018
- **Small Molecule Derived From Carboxyethylpyrrole Protein Adducts Promotes Angiogenesis in a Mouse Model of Peripheral Arterial Disease** *JOURNAL OF THE AMERICAN HEART ASSOCIATION*  
Hou, L., Yang, G., Tang, S., Alcazar, C., Joshi, P., Strassberg, Z., Kim, M., Kawamura, M., Woo, Y., Shrager, J., Ding, S., Huang, N. F.  
2018; 7 (18)

- **Small Molecule Derived From Carboxyethylpyrrole Protein Adducts Promotes Angiogenesis in a Mouse Model of Peripheral Arterial Disease.** *Journal of the American Heart Association*  
Hou, L., Yang, G., Tang, S., Alcazar, C., Joshi, P., Strassberg, Z., Kim, M., Kawamura, M., Woo, Y. J., Shrager, J., Ding, S., Huang, N. F.  
2018; 7 (18): e009234
- **Lessons Learned: A Roundtable Discussion on Succeeding in Cardiothoracic Surgical Residency and Practice** *SEMINARS IN THORACIC AND CARDIOVASCULAR SURGERY*  
Woo, Y., Baker, C., Colson, Y., Cooke, D., Fann, J., Goldstone, A.  
2018; 30 (3): 293–303
- **Ambulating femoral venoarterial extracorporeal membrane oxygenation bridge to heart-lung transplant** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Shudo, Y., Kasinpila, P., Lee, A. M., Rao, V. K., Woo, Y.  
2018; 156 (3): E135–E137
- **Would evolving recommendations for mechanical mitral valve replacement further raise the bar for successful mitral valve repair?** *European journal of cardio-thoracic surgery : official journal of the European Association for Cardio-thoracic Surgery*  
Chiu, P., Goldstone, A. B., Woo, Y. J.  
2018
- **Reply to Dimarakis and Venkateswaran.** *European journal of cardio-thoracic surgery : official journal of the European Association for Cardio-thoracic Surgery*  
Shudo, Y., Wang, H., Woo, Y. J.  
2018
- **Successful heart-lung-kidney and domino heart transplantation following veno-venous extracorporeal membrane oxygenation support.** *Interactive cardiovascular and thoracic surgery*  
Zhu, Y., Shudo, Y., Lee, A. M., Woo, Y. J.  
2018
- **SDF 1-alpha Attenuates Myocardial Injury Without Altering the Direct Contribution of Circulating Cells** *JOURNAL OF CARDIOVASCULAR TRANSLATIONAL RESEARCH*  
Goldstone, A. B., Burnett, C. E., Cohen, J. E., Paulsen, M. J., Eskandari, A., Edwards, B. E., Ingason, A. B., Steele, A. N., Patel, J. B., MacArthur, J. W., Shizuru, J. A., Woo, Y.  
2018; 11 (4): 274–84
- **Mechanical versus Bioprosthetic Aortic Valve Replacement in Patients Aged 50 Years and Younger (Commentary).** *The Annals of thoracic surgery*  
Goldstone, A. B., Woo, Y. J.  
2018
- **Immediate operation for acute type A aortic dissection complicated by visceral or peripheral malperfusion** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Chiu, P., Tsou, S., Goldstone, A. B., Louie, M., Woo, Y., Fischbein, M. P.  
2018; 156 (1): 18+
- **Heart transplant after profoundly extended ambulatory central venoarterial extracorporeal membrane oxygenation** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Shudo, Y., Wang, H., Ha, R. V., Hayes, A. D., Woo, Y.  
2018; 156 (1): E7–E9
- **The Wheat sprouts new life** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Woo, Y., Edmonson, A.  
2018; 156 (1): 1–2
- **To repair or to replace: four decades in the making** *ANNALS OF TRANSLATIONAL MEDICINE*  
Kasinpila, P., Woo, Y.  
2018; 6 (7)
- **The Wheat sprouts new life.** *The Journal of thoracic and cardiovascular surgery*  
Woo, Y. J., Edmonson, A.  
2018

- **OUTCOME OF EN-BLOC COMBINED HEART AND LIVER TRANSPLANTATION IN THE ADULT FAILING FONTAN**  
Vaikunth, S., Concepcion, W., Daugherty, T., Fowler, M., Lutchman, G., Maeda, K., Rosenthal, D., Teuteberg, J., Woo, Y., Lui, G. K.  
ELSEVIER SCIENCE INC.2018: 539
- **Ambulating femoral venoarterial extracorporeal membrane oxygenation bridge to heart-lung transplant.** *The Journal of thoracic and cardiovascular surgery*  
Shudo, Y., Kasinpila, P., Lee, A. M., Rao, V. K., Woo, Y. J.  
2018
- **Angiogenesis precedes cardiomyocyte migration in regenerating mammalian hearts** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Ingason, A. B., Goldstone, A. B., Paulsen, M. J., Thakore, A. D., Truong, V. N., Edwards, B. B., Eskandari, A., Bollig, T., Steele, A. N., Woo, Y.  
2018; 155 (3): 1118+
- **Prosthesis Type for Aortic- and Mitral-Valve Replacement REPLY** *NEW ENGLAND JOURNAL OF MEDICINE*  
Goldstone, A. B., Chiu, P., Woo, Y.  
2018; 378 (8): 778-79
- **Prosthesis Type for Aortic- and Mitral-Valve Replacement** *NEW ENGLAND JOURNAL OF MEDICINE*  
Chikwe, J., Blackstone, E. H., Adams, D. H.  
2018; 378 (8): 778
- **SDF 1-alpha Attenuates Myocardial Injury Without Altering the Direct Contribution of Circulating Cells.** *Journal of cardiovascular translational research*  
Goldstone, A. B., Burnett, C. E., Cohen, J. E., Paulsen, M. J., Eskandari, A., Edwards, B. E., Ingason, A. B., Steele, A. N., Patel, J. B., MacArthur, J. W., Shizuru, J. A., Woo, Y. J.  
2018
- **Heart transplant after profoundly extended ambulatory central venoarterial extracorporeal membrane oxygenation.** *The Journal of thoracic and cardiovascular surgery*  
Shudo, Y., Wang, H., Ha, R. V., Hayes, A. D., Woo, Y. J.  
2018
- **Immediate operation for acute type A aortic dissection complicated by visceral or peripheral malperfusion.** *The Journal of thoracic and cardiovascular surgery*  
Chiu, P., Tsou, S., Goldstone, A. B., Louie, M., Woo, Y. J., Fischbein, M. P.  
2018
- **Prosthesis Type for Aortic- and Mitral-Valve Replacement.** *The New England journal of medicine*  
Goldstone, A. B., Chiu, P., Woo, Y. J.  
2018; 378 (8): 778-79
- **Rapid Self-Assembly of Bioengineered Cardiovascular Bypass Grafts From Scaffold-Stabilized, Tubular Bilevel Cell Sheets.** *Circulation*  
von Bornstädt, D., Wang, H., Paulsen, M. J., Goldstone, A. B., Eskandari, A., Thakore, A., Stapleton, L., Steele, A. N., Truong, V. N., Jaatinen, K., Hironaka, C., Woo, Y. J.  
2018; 138 (19): 2130-44
- **Limited root repair in acute type A aortic dissection is safe but results in increased risk of reoperation** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Chiu, P., Trojan, J., Tsou, S., Goldstone, A. B., Woo, Y., Fischbein, M. P.  
2018; 155 (1): 1+
- **Planned Concomitant Left and Right Ventricular Assist Device Insertion to Avoid Long-term Biventricular Mechanical Support: Bridge to Right Ventricular Recovery** *HEART SURGERY FORUM*  
Salna, M., Shudo, Y., Teuteberg, J. J., Banerjee, D., Ha, R. V., Woo, Y., Hiesinger, W.  
2018; 21 (5): E412-E414
- **To repair or to replace: four decades in the making.** *Annals of translational medicine*  
Kasinpila, P., Woo, Y. J.  
2018; 6 (7): 125
- **Aligned Nanofibrillar Scaffolds for Controlled Delivery of Modified mRNA.** *Tissue engineering. Part A*  
Zaitseva, T., Alcazar, C., Zamani, M., Hou, L., Sawamura, S., Yakubov, E., Hopkins, M., Woo, Y. J., Paukshto, M., Huang, N. F.



2018

- **Second Arterial Versus Venous Conduits for Multivessel Coronary Artery Bypass Surgery in California.** *Circulation*  
Goldstone, A. B., Chiu, P., Baiocchi, M., Wang, H., Lingala, B., Boyd, J. H., Woo, Y. J.  
2018; 137 (16): 1698–1707
- **Impact of Discordant Views in the Management of Descending Thoracic Aortic Aneurysm** *SEMINARS IN THORACIC AND CARDIOVASCULAR SURGERY*  
Chiu, P., Sailer, A., Baiocchi, M., Goldstone, A. B., Schaffer, J. M., Trojan, J., Fleischmann, D., Mitchell, R., Miller, D., Dake, M. D., Woo, Y., Lee, J. T., Fischbein, et al  
2017; 29 (3): 283–91
- **Paracrine Effects of the Pluripotent Stem Cell-Derived Cardiac Myocytes Salvage the Injured Myocardium** *CIRCULATION RESEARCH*  
Tachibana, A., Santoso, M. R., Mahmoudi, M., Shukla, P., Wang, L., Bennett, M., Goldstone, A. B., Wang, M., Fukushi, M., Ebert, A. D., Woo, Y., Rulifson, E., Yang, et al  
2017; 121 (6): E22–+
- **DACH1 stimulates shear stress-guided endothelial cell migration and coronary artery growth through the CXCL12-CXCR4 signaling axis** *GENES & DEVELOPMENT*  
Chang, A. H., Raftrey, B. C., D'Amato, G., Surya, V. N., Poduri, A., Chen, H. I., Goldstone, A. B., Woo, J., Fuller, G. G., Dunn, A. R., Red-Horse, K.  
2017; 31 (13): 1308–24
- **Stem Cell Therapy: Healing or Hype? Why Stem Cell Delivery Doesn't Work** *CIRCULATION RESEARCH*  
Steele, A. N., MacArthur, J. W., Woo, Y.  
2017; 120 (12): 1868–70
- **A novel protein-engineered hepatocyte growth factor analog released via a shear-thinning injectable hydrogel enhances post-infarction ventricular function.** *Biotechnology and bioengineering*  
Steele, A. N., Cai, L., Truong, V. N., Edwards, B. B., Goldstone, A. B., Eskandari, A., Mitchell, A. C., Marquardt, L. M., Foster, A. A., Cochran, J. R., Heilshorn, S. C., Woo, Y. J.  
2017
- **Pneumonia after cardiac surgery: Experience of the National Institutes of Health/Canadian Institutes of Health Research Cardiothoracic Surgical Trials Network.** *journal of thoracic and cardiovascular surgery*  
Ailawadi, G., Chang, H. L., O'Gara, P. T., O'Sullivan, K., Woo, Y. J., DeRose, J. J., Parides, M. K., Thourani, V. H., Robichaud, S., Gillinov, A. M., Taddei-Peters, W. C., Miller, M. A., Perrault, et al  
2017; 153 (6): 1384-1391 e3
- **Tricuspid leaflet repair: innovative solutions** *ANNALS OF CARDIOTHORACIC SURGERY*  
Boyd, J. H., Edelman, J. B., Scoville, D. H., Woo, Y.  
2017; 6 (3): 248–54
- **Injectable Bioengineered Hydrogel Therapy in the Treatment of Ischemic Cardiomyopathy.** *Current treatment options in cardiovascular medicine*  
MacArthur, J. W., Steele, A. N., Goldstone, A. B., Cohen, J. E., Hiesinger, W., Woo, Y. J.  
2017; 19 (4): 30-?
- **EFFECTIVENESS OF A SECOND ARTERIAL CONDUIT FOR MULTI VESSEL CORONARY BYPASS: A STATE-WIDE ANALYSIS OF 60,897 PATIENTS**  
Goldstone, A. B., Chiu, P., Baiocchi, M., Ligala, B., Boyd, J., Woo, Y.  
ELSEVIER SCIENCE INC.2017: 26
- **Current status of domino heart transplantation.** *Journal of cardiac surgery*  
Shudo, Y., Ma, M., Boyd, J. H., Woo, Y. J.  
2017; 32 (3): 229-232
- **TRANSFORM (Multicenter Experience With Rapid Deployment Edwards INTUITY Valve System for Aortic Valve Replacement) US clinical trial: Performance of a rapid deployment aortic valve** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Barnhart, G. R., Accola, K. D., Grossi, E. A., Woo, Y. J., Mumtaz, M. A., Sabik, J. F., Slachman, F. N., Patel, H. J., Borger, M. A., Garrett, H. E., Rodriguez, E., McCarthy, P. M., Ryan, et al  
2017; 153 (2): 241-?
- **Operative technique and pitfalls in donor heart procurement.** *Asian cardiovascular & thoracic annals*  
Shudo, Y., Hiesinger, W., Oyer, P. E., Woo, Y. J.

2017; 25 (1): 80-82

- **An innovative biologic system for photon-powered myocardium in the ischemic heart.** *Science advances*  
Cohen, J. E., Goldstone, A. B., Paulsen, M. J., Shudo, Y., Steele, A. N., Edwards, B. B., Patel, J. B., MacArthur, J. W., Hopkins, M. S., Burnett, C. E., Jaatinen, K. J., Thakore, A. D., Farry, et al  
2017; 3 (6): e1603078
- **A modified explant technique of HeartWare ventricular assist device for bridge to recovery.** *European journal of cardio-thoracic surgery : official journal of the European Association for Cardio-thoracic Surgery*  
Shudo, Y., Choi, C. W., Woo, Y. J., Ha, R. V.  
2017
- **TRANSFORM (Multicenter Experience With Rapid Deployment Edwards INTUITY Valve System for Aortic Valve Replacement) US clinical trial: Performance of a rapid deployment aortic valve.** *The Journal of thoracic and cardiovascular surgery*  
Barnhart, G. R., Accola, K. D., Grossi, E. A., Woo, Y. J., Mumtaz, M. A., Sabik, J. F., Slachman, F. N., Patel, H. J., Borger, M. A., Garrett, H. E., Rodriguez, E., McCarthy, P. M., Ryan, et al  
2017; 153 (2): 241–51.e2
- **Resection of a Giant Cardiac Lymphovenous Malformation Involving the Right Atrioventricular Groove.** *The Annals of thoracic surgery*  
Chiu, P., Edmonson, A., Brewer, Z. E., Woo, Y. J.  
2017; 104 (3): e257–e259
- **Layered smooth muscle cell-endothelial progenitor cell sheets derived from the bone marrow augment postinfarction ventricular function.** *The Journal of thoracic and cardiovascular surgery*  
Shudo, Y., Goldstone, A. B., Cohen, J. E., Patel, J. B., Hopkins, M. S., Steele, A. N., Edwards, B. B., Kawamura, M., Miyagawa, S., Sawa, Y., Woo, Y. J.  
2017; 154 (3): 955–63
- **Autograft Valve-Sparing Root Replacement for Late Ross Failure during Quadruple-Valve Surgery** *ANNALS OF THORACIC AND CARDIOVASCULAR SURGERY*  
Goldstone, A. B., Jensen, C. W., Bilbao, M., Woo, Y.  
2017; 23 (6): 313–15
- **A modified technique for orthotopic heart transplantation to minimize warm ischaemic time.** *European journal of cardio-thoracic surgery : official journal of the European Association for Cardio-thoracic Surgery*  
Shudo, Y., Wang, H., Woo, Y. J.  
2017
- **Successful use of donor lungs after repairing severely injured pulmonary vein of donor lungs.** *European journal of cardio-thoracic surgery : official journal of the European Association for Cardio-thoracic Surgery*  
Shudo, Y., Miller, S. L., Boyd, J. H., Woo, Y. J.  
2017
- **Limited root repair in acute type A aortic dissection is safe but results in increased risk of reoperation.** *The Journal of thoracic and cardiovascular surgery*  
Chiu, P., Trojan, J., Tsou, S., Goldstone, A. B., Woo, Y. J., Fischbein, M. P.  
2017
- **Mechanical or Biologic Prostheses for Aortic-Valve and Mitral-Valve Replacement.** *The New England journal of medicine*  
Goldstone, A. B., Chiu, P., Baiocchi, M., Lingala, B., Patrick, W. L., Fischbein, M. P., Woo, Y. J.  
2017; 377 (19): 1847–57
- **Tissue-engineered smooth muscle cell and endothelial progenitor cell bi-level cell sheets prevent progression of cardiac dysfunction, microvascular dysfunction, and interstitial fibrosis in a rodent model of type 1 diabetes-induced cardiomyopathy.** *Cardiovascular diabetology*  
Kawamura, M., Paulsen, M. J., Goldstone, A. B., Shudo, Y., Wang, H., Steele, A. N., Stapleton, L. M., Edwards, B. B., Eskandari, A., Truong, V. N., Jaatinen, K. J., Ingason, A. B., Miyagawa, et al  
2017; 16 (1): 142
- **Percutaneous, minimally invasive approach to implantable left ventricular assist device deactivation.** *The Journal of thoracic and cardiovascular surgery*  
Kidambi, S., Shudo, Y., Dake, M. D., Woo, Y. J., Ha, R. V.  
2017
- **Alternative Progenitor Cells Compensate to Rebuild the Coronary Vasculature in Elabela- and Apj-Deficient Hearts.** *Developmental cell*  
Sharma, B., Ho, L., Ford, G. H., Chen, H. I., Goldstone, A. B., Woo, Y. J., Quertermous, T., Reversade, B., Red-Horse, K.

2017

- **Minimally invasive mitral valve repair in situs inversus totalis** *JOURNAL OF CARDIAC SURGERY*  
Goldstone, A. B., Patrick, W. L., Bilbao, M. S., Woo, Y. J.  
2016; 31 (12): 718-720
- **A modified implantation technique of left ventricular assist device: optimal outflow tract positioning.** *International journal of cardiology*  
Shudo, Y., Choi, C. W., Woo, Y. J., Ha, R. V.  
2016; 223: 776-778
- **Is minimally invasive thoracoscopic surgery the new benchmark for treating mitral valve disease?** *Annals of cardiothoracic surgery*  
Goldstone, A. B., Woo, Y. J.  
2016; 5 (6): 567-572
- **Regulating Stem Cell Secretome Using Injectable Hydrogels with In Situ Network Formation.** *Advanced healthcare materials*  
Cai, L., Dewi, R. E., Goldstone, A. B., Cohen, J. E., Steele, A. N., Woo, Y. J., Heilshorn, S. C.  
2016
- **Biochemically engineered stromal cell-derived factor 1-alpha analog increases perfusion in the ischemic hind limb.** *Journal of vascular surgery*  
Edwards, B. B., Fairman, A. S., Cohen, J. E., Macarthur, J. W., Goldstone, A. B., Woo, J. B., Hiesinger, W., Woo, Y. J.  
2016; 64 (4): 1093-1099
- **The value of preoperative 3-dimensional over 2-dimensional valve analysis in predicting recurrent ischemic mitral regurgitation after mitral annuloplasty.** *journal of thoracic and cardiovascular surgery*  
Wijdh-den Hamer, I. J., Bouma, W., Lai, E. K., Levack, M. M., Shang, E. K., Pouch, A. M., Eperjesi, T. J., Plappert, T. J., Yushkevich, P. A., Hung, J., Mariani, M. A., Khabbaz, K. R., Gleason, et al  
2016; 152 (3): 847-859
- **Cell transplantation in heart failure: where do we stand in 2016?** *EUROPEAN JOURNAL OF CARDIO-THORACIC SURGERY*  
MacArthur, J. W., Goldstone, A. B., Cohen, J. E., Hiesinger, W., Woo, Y.  
2016; 50 (3): 396-99
- **Modeling the Myxomatous Mitral Valve With Three-Dimensional Echocardiography.** *Annals of thoracic surgery*  
Pouch, A. M., Jackson, B. M., Lai, E., Takebe, M., Tian, S., Cheung, A. T., Woo, Y. J., Patel, P. A., Wang, H., Yushkevich, P. A., Gorman, R. C., Gorman, J. H.  
2016; 102 (3): 703-710
- **Novel MRI Contrast Agent from Magnetotactic Bacteria Enables In Vivo Tracking of iPSC-derived Cardiomyocytes** *SCIENTIFIC REPORTS*  
Mahmoudi, M., Tachibana, A., Goldstone, A. B., Woo, Y. J., Chakraborty, P., Lee, K. R., Foote, C. S., Pieciewicz, S., Barrozo, J. C., Wakeel, A., Rice, B. W., Bell, C. B., Yang, et al  
2016; 6
- **Influence of durable mechanical circulatory support and allosensitization on mortality after heart transplantation.** *journal of heart and lung transplantation*  
Chiu, P., Schaffer, J. M., Oyer, P. E., Pham, M., Banerjee, D., Joseph Woo, Y., Ha, R.  
2016; 35 (6): 731-742
- **Treatment and Prognosis of Pulmonary Hypertension in the Left Ventricular Assist Device Patient.** *Current heart failure reports*  
Jensen, C. W., Goldstone, A. B., Woo, Y. J.  
2016; 13 (3): 140-150
- **Influence of durable mechanical circulatory support and allosensitization on mortality after heart transplantation** *JOURNAL OF HEART AND LUNG TRANSPLANTATION*  
Chiu, P., Schaffer, J. M., Oyer, P. E., Pham, M., Banerjee, D., Woo, Y. J., Ha, R.  
2016; 35 (6): 731-742
- **2015 ACC/AHA/SCAI Focused Update on Primary Percutaneous Coronary Intervention for Patients With ST-Elevation Myocardial Infarction: An Update of the 2011 ACCF/AHA/SCAI Guideline for Percutaneous Coronary Intervention and the 2013 ACCF/AHA Guideline for the Management of ST-Elevation Myocardial Infarction** *CATHETERIZATION AND CARDIOVASCULAR INTERVENTIONS*  
Levine, G. N., Bates, E. R., Blankenship, J. C., Bailey, S. R., Bittl, J. A., Cercek, B., Chambers, C. E., Ellis, S. G., Guyton, R. A., Hollenberg, S. M., Khot, U. N., Lange, R. A., Mauri, et al  
2016; 87 (6): 1001-1019

- **Prosthetic valve choice in middle-aged patients: guidelines and other guiding principles** *EUROPEAN JOURNAL OF CARDIO-THORACIC SURGERY*  
Woo, Y., Greene, C. L.  
2016; 49 (5): 1468–69
- **TARGETED SUPERPARAMAGNETIC IRON OXIDE NANOPARTICLES FACILITATE ENGRAFTMENT OF THE IPSC-DERIVED CARDIOMYOCYTES INTO THE INJURED MURINE MYOCARDIUM**  
Mahmoudi, M., Tachibana, A., Cohen, J., Goldstone, A., Edwards, B., Rulifson, E., Woo, Y., Yang, P.  
ELSEVIER SCIENCE INC.2016: 2126
- **EXOSOMES FROM THE HUMAN PLACENTA-DERIVED AMNIOTIC MESENCHYMAL STEM CELLS RESTORE THE INJURED MURINE MYOCARDIUM**  
Santoso, M., Mahmoudi, M., Tachibana, A., Sierra, R. G., Matsui, T., Goldstone, A., Edwards, B., Wakatsuki, S., Woo, J., Yang, P.  
ELSEVIER SCIENCE INC.2016: 1393
- **Isolation and trans-differentiation of mesenchymal stromal cells into smooth muscle cells: Utility and applicability for cell-sheet engineering.** *Cytotherapy*  
Shudo, Y., Cohen, J. E., Goldstone, A. B., MacArthur, J. W., Patel, J., Edwards, B. B., Hopkins, M. S., Steele, A. N., Joubert, L., Miyagawa, S., Sawa, Y., Woo, Y. J.  
2016; 18 (4): 510-517
- **2015 ACC/AHA/SCAI Focused Update on Primary Percutaneous Coronary Intervention for Patients With ST-Elevation Myocardial Infarction: An Update of the 2011 ACCF/AHA/SCAI Guideline for Percutaneous Coronary Intervention and the 2013 ACCF/AHA Guideline for the Management of ST-Elevation Myocardial Infarction.** *Journal of the American College of Cardiology*  
Levine, G. N., Bates, E. R., Blankenship, J. C., Bailey, S. R., Bittl, J. A., Cercek, B., Chambers, C. E., Ellis, S. G., Guyton, R. A., Hollenberg, S. M., Khot, U. N., Lange, R. A., Mauri, et al  
2016; 67 (10): 1235-1250
- **2015 ACC/AHA/SCAI Focused Update on Primary Percutaneous Coronary Intervention for Patients With ST-Elevation Myocardial Infarction: An Update of the 2011 ACCF/AHA/SCAI Guideline for Percutaneous Coronary Intervention and the 2013 ACCF/AHA Guideline for the Management of ST-Elevation Myocardial Infarction: A Report of the American College of Cardiology/American Heart Association Task Force on Clinical Practice Guidelines and the Society for Cardiovascular Angiography and Interventions.** *Circulation*  
Levine, G. N., Bates, E. R., Blankenship, J. C., Bailey, S. R., Bittl, J. A., Cercek, B., Chambers, C. E., Ellis, S. G., Guyton, R. A., Hollenberg, S. M., Khot, U. N., Lange, R. A., Mauri, et al  
2016; 133 (11): 1135-1147
- **Stem cell-based therapies to promote angiogenesis in ischemic cardiovascular disease** *AMERICAN JOURNAL OF PHYSIOLOGY-HEART AND CIRCULATORY PHYSIOLOGY*  
Hou, L., Kim, J. J., Woo, Y. J., Huang, N. F.  
2016; 310 (4): H455-H465
- **Preoperative Three-Dimensional Valve Analysis Predicts Recurrent Ischemic Mitral Regurgitation After Mitral Annuloplasty** *ANNALS OF THORACIC SURGERY*  
Bouma, W., Lai, E. K., Levack, M. M., Shang, E. K., Pouch, A. M., Eperjesi, T. J., Plappert, T. J., Yushkevich, P. A., Mariani, M. A., Khabbaz, K. R., Gleason, T. G., Mahmood, F., Acker, et al  
2016; 101 (2): 567-575
- **Novel MRI Contrast Agent from Magnetotactic Bacteria Enables In Vivo Tracking of iPSC-derived Cardiomyocytes.** *Scientific reports*  
Mahmoudi, M., Tachibana, A., Goldstone, A. B., Woo, Y. J., Chakraborty, P., Lee, K. R., Foote, C. S., Piecewicz, S., Barrozo, J. C., Wakeel, A., Rice, B. W., Bell Iii, C. B., Yang, et al  
2016; 6: 26960-?
- **Preoperative Three-Dimensional Valve Analysis Predicts Recurrent Ischemic Mitral Regurgitation After Mitral Annuloplasty.** *The Annals of thoracic surgery*  
Bouma, W., Lai, E. K., Levack, M. M., Shang, E. K., Pouch, A. M., Eperjesi, T. J., Plappert, T. J., Yushkevich, P. A., Mariani, M. A., Khabbaz, K. R., Gleason, T. G., Mahmood, F., Acker, et al  
2016; 101 (2): 567–75; discussion 575
- **The contemporary evolution of mitral valve surgery** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Woo, Y., Goldstone, A. B.  
2016; 151 (1): 7–9
- **Midterm Outcomes of Open Descending Thoracic Aortic Repair in More Than 5,000 Medicare Patients** *ANNALS OF THORACIC SURGERY*  
Schaffer, J. M., Lingala, B., Fischbein, M. P., Dake, M. D., Woo, Y. J., Mitchell, R. S., Miller, D. C.

2015; 100 (6): 2087-2094

- **Valve-sparing root replacement for failed pulmonary autografts: Should a David repair a Ross?** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Goldstone, A. B., Woo, Y.  
2015; 150 (5): 1138-39
- **A Tissue-Engineered Chondrocyte Cell Sheet Induces Extracellular Matrix Modification to Enhance Ventricular Biomechanics and Attenuate Myocardial Stiffness in Ischemic Cardiomyopathy** *TISSUE ENGINEERING PART A*  
Shudo, Y., Cohen, J. E., MacArthur, J. W., Goldstone, A. B., Otsuru, S., Trubelja, A., Patel, J., Edwards, B. B., Hung, G., Fairman, A. S., Brusalis, C., Hiesinger, W., Atluri, et al  
2015; 21 (19-20): 2515-2525
- **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
- **Obstructive Sleep Apnea Is an Independent Predictor of Postoperative Atrial Fibrillation in Cardiac Surgery** *JOURNAL OF CARDIOTHORACIC AND VASCULAR ANESTHESIA*  
Wong, J. K., Maxwell, B. G., Kushida, C. A., Sainani, K. L., Lobato, R. L., Woo, J., Pearl, R. G.  
2015; 29 (5): 1140-1147
- **Evaluation of late aortic insufficiency with continuous flow left ventricular assist device†.** *European journal of cardio-thoracic surgery*  
Hiraoka, A., Cohen, J. E., Shudo, Y., Macarthur, J. W., Howard, J. L., Fairman, A. S., Atluri, P., Kirkpatrick, J. N., Woo, Y. J.  
2015; 48 (3): 400-406
- **Alternative approaches for mitral valve repair.** *Annals of cardiothoracic surgery*  
Goldstone, A. B., Woo, Y. J.  
2015; 4 (5): 469-473
- **Prior Sternotomy and Ventricular Assist Device Implantation Do Not Adversely Impact Survival or Allograft Function After Heart Transplantation** *ANNALS OF THORACIC SURGERY*  
Gaffey, A. C., Phillips, E. C., Howard, J., Hung, G., Han, J., Emery, R., Goldberg, L., Acker, M. A., Woo, Y. J., Atluri, P.  
2015; 100 (2): 542-549
- **Aligned-Braided Nanofibrillar Scaffold with Endothelial Cells Enhances Arteriogenesis.** *ACS nano*  
Nakayama, K. H., Hong, G., Lee, J. C., Patel, J., Edwards, B., Zaitseva, T. S., Paukshto, M. V., Dai, H., Cooke, J. P., Woo, Y. J., Huang, N. F.  
2015; 9 (7): 6900-6908
- **Protein Corona Influences Cell-Biomaterial Interactions in Nanostructured Tissue Engineering Scaffolds** *ADVANCED FUNCTIONAL MATERIALS*  
Serpooshan, V., Mahmoudi, M., Zhao, M., Wei, K., Sivanesan, S., Motamedchaboki, K., Malkovskiy, A. V., Goldstone, A. B., Cohen, J. E., Yang, P. C., Rajadas, J., Bernstein, D., Woo, et al  
2015; 25 (28): 4379-4389
- **Aligned-Braided Nanofibrillar Scaffold with Endothelial Cells Enhances Arteriogenesis** *ACS NANO*  
Nakayama, K. H., Hong, G., Lee, J. C., Patel, J., Edwards, B., Zaitseva, T. S., Paukshto, M. V., Dai, H., Cooke, J. P., Woo, Y. J., Huang, N. F.  
2015; 9 (7): 6900-6908
- **Long-term outcomes of septal reduction for obstructive hypertrophic cardiomyopathy** *JOURNAL OF CARDIOLOGY*  
Sedehi, D., Finocchiaro, G., Tibayan, Y., Chi, J., Pavlovic, A., Kim, Y. M., Tibayan, F. A., Reitz, B. A., Robbins, R. C., Woo, J., Ha, R., Lee, D. P., Ashley, et al  
2015; 66 (1-2): 57-62
- **Long-term outcomes of septal reduction for obstructive hypertrophic cardiomyopathy.** *Journal of cardiology*  
Sedehi, D., Finocchiaro, G., Tibayan, Y., Chi, J., Pavlovic, A., Kim, Y. M., Tibayan, F. A., Reitz, B. A., Robbins, R. C., Woo, J., Ha, R., Lee, D. P., Ashley, et al  
2015; 66 (1): 57-62
- **A "Repair-All" Strategy for Degenerative Mitral Valve Disease Safely Minimizes Unnecessary Replacement.** *Annals of thoracic surgery*  
Goldstone, A. B., Cohen, J. E., Howard, J. L., Edwards, B. B., Acker, A. L., Hiesinger, W., Macarthur, J. W., Atluri, P., Woo, Y. J.  
2015; 99 (6): 1983-1990

- **A "Repair-All" Strategy for Degenerative Mitral Valve Disease Safely Minimizes Unnecessary Replacement** *ANNALS OF THORACIC SURGERY*  
Goldstone, A. B., Cohen, J. E., Howard, J. L., Edwards, B. B., Acker, A. L., Hiesinger, W., MacArthur, J. W., Atluri, P., Woo, Y. J.  
2015; 99 (6): 1983-1991
- **Early surgical intervention or watchful waiting for the management of asymptomatic mitral regurgitation: a systematic review and meta-analysis.** *Annals of cardiothoracic surgery*  
Goldstone, A. B., Patrick, W. L., Cohen, J. E., Aribeara, C. N., Papat, R., Woo, Y. J.  
2015; 4 (3): 220-229
- **The butterfly takes flight** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Woo, Y.  
2015; 149 (5): 1244
- **Mitral valve repair.** *Annals of cardiothoracic surgery*  
Woo, Y. J.  
2015; 4 (3): 219-?
- **"Glow in the dark" intraoperative imaging: Expanding the capabilities of robotic technology** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Goldstone, A. B., Woo, Y.  
2015; 149 (5): 1458-59
- **Non-resectional leaflet remodeling mitral valve repair preserves leaflet mobility: A quantitative echocardiographic analysis of mitral valve configuration** *INTERNATIONAL JOURNAL OF CARDIOLOGY*  
Shudo, Y., Cohen, J. E., MacArthur, J. W., Goldstone, A. B., Hiraoka, A., Howard, J., Fairman, A. S., Patel, J., Edwards, B. B., Atluri, P., Woo, Y. J.  
2015; 186: 16-18
- **Radical Resection of Cardiac Angiosarcoma with Atrioventricular Reconstruction** *JOURNAL OF HEART VALVE DISEASE*  
Chiu, P., Black, A., Woo, Y. J.  
2015; 24 (3): 379-382
- **Reply: To PMID 25069688.** *Annals of thoracic surgery*  
Atluri, P., Woo, Y. J.  
2015; 99 (4): 1489-?
- **Invited commentary.** *Annals of thoracic surgery*  
Woo, Y. J.  
2015; 99 (4): 1412-1413
- **Transaortic Aortomitral Junction Reconstruction and Mitral Valve Leaflet Repair for Recurrent Endocarditis** *JOURNAL OF HEART VALVE DISEASE*  
Chiu, P., Allen, J. G., Woo, Y. J.  
2015; 24 (2): 173-176
- **Midterm survival after thoracic endovascular aortic repair in more than 10,000 Medicare patients** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Schaffer, J. M., Lingala, B., Miller, C., Woo, J., Mitchell, R. S., Dake, M. D.  
2015; 149 (3): 808-820
- **Shear-Thinning Supramolecular Hydrogels with Secondary Autonomous Covalent Crosslinking to Modulate Viscoelastic Properties In Vivo** *ADVANCED FUNCTIONAL MATERIALS*  
Rodell, C. B., MacArthur, J. W., Dorsey, S. M., Wade, R. J., Wang, L. L., Woo, Y. J., Burdick, J. A.  
2015; 25 (4): 636-644
- **One Hundred Years of History at Stanford University: Thoracic and Cardiovascular Surgery.** *Seminars in thoracic and cardiovascular surgery*  
Woo, Y. J., Reitz, B. A.  
2015; 27 (4): 388-397
- **Protein Corona Influences Cell-Biomaterial Interactions in Nanostructured Tissue Engineering Scaffolds.** *Advanced functional materials*  
Serpooshan, V., Mahmoudi, M., Zhao, M., Wei, K., Sivanesan, S., Motamedchaboki, K., Malkovskiy, A. V., Gladstone, A. B., Cohen, J. E., Yang, P. C., Rajadas, J., Bernstein, D., Woo, et al

2015; 25 (28): 4379–89

- **A Crack in the Wall: Evolution of a Left Ventricular Apical Pseudoaneurysm.** *The Canadian journal of cardiology*  
Parikh, R. V., Ahmadi-Kashani, M., Fleischmann, D., Woo, Y. J., McConnell, M. V.  
2015
- **Shear-Thinning Supramolecular Hydrogels with Secondary Autonomous Covalent Crosslinking to Modulate Viscoelastic Properties In Vivo.** *Advanced functional materials*  
Rodell, C. B., MacArthur, J. W., Dorsey, S. M., Wade, R. J., Wang, L. L., Woo, Y. J., Burdick, J. A.  
2015; 25 (4): 636–44
- **Natural history of coexistent tricuspid regurgitation in patients with degenerative mitral valve disease: Implications for future guidelines** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Goldstone, A. B., Howard, J. L., Cohen, J. E., MacArthur, J. W., Atluri, P., Kirkpatrick, J. N., Woo, Y. J.  
2014; 148 (6): 2802-2809
- **Ventricular assist device implantation in the elderly.** *Annals of cardiothoracic surgery*  
Hiesinger, W., Boyd, J. H., Woo, Y. J.  
2014; 3 (6): 570-572
- **Combined heart and liver transplantation can be safely performed with excellent short- and long-term results.** *Annals of thoracic surgery*  
Atluri, P., Gaffey, A., Howard, J., Phillips, E., Goldstone, A. B., Hornsby, N., MacArthur, J. W., Cohen, J. E., Gutsche, J., Woo, Y. J.  
2014; 98 (3): 858-862
- **Tissue-engineered, hydrogel-based endothelial progenitor cell therapy robustly revascularizes ischemic myocardium and preserves ventricular function.** *journal of thoracic and cardiovascular surgery*  
Atluri, P., Miller, J. S., Emery, R. J., Hung, G., Trubelja, A., Cohen, J. E., Lloyd, K., Han, J., Gaffey, A. C., MacArthur, J. W., Chen, C. S., Woo, Y. J.  
2014; 148 (3): 1090-1098
- **Bioengineered Stromal Cell- Derived Factor-1 alpha Analogue Delivered as an Angiogenic Therapy Significantly Restores Viscoelastic Material Properties of Infarcted Cardiac Muscle** *JOURNAL OF BIOMECHANICAL ENGINEERING-TRANSACTIONS OF THE ASME*  
Trubelja, A., MacArthur, J. W., Sarver, J. J., Cohen, J. E., Hung, G., Shudo, Y., Fairman, A. S., Patel, J., Edwards, B. B., Damrauer, S. M., Hiesinger, W., Atluri, P., Woo, et al  
2014; 136 (8)
- **Increased Cholesterol Efflux Capacity is Associated with Improved Survival in Heart Transplant Recipients**  
Javaheri, A., Zamani, P., Molina, M., Rodriguez, A., Chambers, S., Stutman, P., Maslanek, W., Williams, M., Lukmanova, D., Picataggi, A., Lilly, S., Christie, J., Woo, et al  
CHURCHILL LIVINGSTONE INC MEDICAL PUBLISHERS.2014: S81
- **A bioengineered hydrogel system enables targeted and sustained intramyocardial delivery of neuregulin, activating the cardiomyocyte cell cycle and enhancing ventricular function in a murine model of ischemic cardiomyopathy.** *Circulation. Heart failure*  
Cohen, J. E., Purcell, B. P., Macarthur, J. W., Mu, A., Shudo, Y., Patel, J. B., Brusalis, C. M., Trubelja, A., Fairman, A. S., Edwards, B. B., Davis, M. S., Hung, G., Hiesinger, et al  
2014; 7 (4): 619-626
- **Mesenchymal precursor cells as adjunctive therapy in recipients of contemporary left ventricular assist devices.** *Circulation*  
Ascheim, D. D., Gelijns, A. C., Goldstein, D., Moye, L. A., Smedira, N., Lee, S., Klodell, C. T., Szady, A., Parides, M. K., Jeffries, N. O., Skerrett, D., Taylor, D. A., Rame, et al  
2014; 129 (22): 2287-2296
- **Mesenchymal precursor cells as adjunctive therapy in recipients of contemporary left ventricular assist devices.** *Circulation*  
Ascheim, D. D., Gelijns, A. C., Goldstein, D., Moye, L. A., Smedira, N., Lee, S., Klodell, C. T., Szady, A., Parides, M. K., Jeffries, N. O., Skerrett, D., Taylor, D. A., Rame, et al  
2014; 129 (22): 2287-2296
- **Ex Vivo Allograft Mitral Valve Leaflet Repair Prior to Orthotopic Heart Transplantation** *JOURNAL OF CARDIAC SURGERY*  
Okamura, H., Woo, Y. J.  
2014; 29 (3): 424-426
- **Minimally invasive surgical treatment of valvular heart disease.** *Seminars in thoracic and cardiovascular surgery*  
Goldstone, A. B., Joseph Woo, Y.



2014; 26 (1): 36-43

- **Invited commentary.** *Annals of thoracic surgery*  
Woo, Y. J.  
2014; 97 (3): 756-757
- **Preclinical evaluation of the engineered stem cell chemokine stromal cell-derived factor 1a analog in a translational ovine myocardial infarction model.** *Circulation research*  
MacArthur, J. W., Cohen, J. E., McGarvey, J. R., Shudo, Y., Patel, J. B., Trubelja, A., Fairman, A. S., Edwards, B. B., Hung, G., Hiesinger, W., Goldstone, A. B., Atluri, P., Wilensky, et al  
2014; 114 (4): 650-659
- **Mitral-Valve Repair versus Replacement for Severe Ischemic Mitral Regurgitation** *NEW ENGLAND JOURNAL OF MEDICINE*  
Acker, M. A., Parides, M. K., Perrault, L. P., Moskowitz, A. J., Gelijns, A. C., Voisine, P., Smith, P. K., Hung, J. W., Blackstone, E. H., Puskas, J. D., Argenziano, M., Gammie, J. S., Mack, et al  
2014; 370 (1): 23-32
- **Regional Annular Geometry in Patients With Mitral Regurgitation: Implications for Annuloplasty Ring Selection** *ANNALS OF THORACIC SURGERY*  
Jassar, A. S., Vergnat, M., Jackson, B. M., McGarvey, J. R., Cheung, A. T., Ferrari, G., Woo, Y. J., Acker, M. A., Gorman, R. C., Gorman, J. H.  
2014; 97 (1): 64-70
- **Mesenchymal Precursor Cells as Adjunctive Therapy in Recipients of Contemporary LVADs: A Multi-Center Prospective Randomized Placebo-Controlled Double-Blinded Clinical Trial.** *Circulation*  
Ascheim, D. D., Gelijns, A. C., Goldstein, D., Moye, L. A., Smedira, N., Lee, S., Klodell, C. T., Szady, A., Parides, M. K., Jefferies, N., Skerret, D., Taylor, D. A., Rame, et al  
2014; (in press)
- **Nonresectional Single-Suture Leaflet Remodeling for Degenerative Mitral Regurgitation Facilitates Minimally Invasive Mitral Valve Repair** *ANNALS OF THORACIC SURGERY*  
MacArthur, J. W., Cohen, J. E., Goldstone, A. B., Fairman, A. S., Edwards, B. B., Hornick, M. A., Atluri, P., Woo, Y. J.  
2013; 96 (5): 1603-1606
- **Continuous Flow Left Ventricular Assist Device Implant Significantly Improves Pulmonary Hypertension, Right Ventricular Contractility, and Tricuspid Valve Competence** *JOURNAL OF CARDIAC SURGERY*  
Atluri, P., Fairman, A. S., MacArthur, J. W., Goldstone, A. B., Cohen, J. E., Howard, J. L., Zaleski, C. M., Shudo, Y., Woo, Y. J.  
2013; 28 (6): 770-775
- **Minimally Invasive Mitral Valve Surgery Can Be Performed With Optimal Outcomes in the Presence of Left Ventricular Dysfunction** *49th Annual Meeting of the Society-of-Thoracic-Surgeons*  
Atluri, P., Woo, Y. J., Goldstone, A. B., Fox, J., Acker, M. A., Szeto, W. Y., Hargrove, W. C.  
ELSEVIER SCIENCE INC.2013: 1596-1602
- **Valve-sparing aortic root replacement and neochordal repair of complex aortic leaflet pathology for ruptured sinus of valsalva aneurysm fistulizing to the right ventricle.** *Annals of thoracic surgery*  
Woo, Y. J., Frederick, J. R.  
2013; 96 (5): 1891-1893
- **Valve-sparing aortic root replacement with translocation of anomalous left coronary artery.** *Annals of thoracic surgery*  
Kaczorowski, D. J., Woo, Y. J.  
2013; 96 (4): 1466-1469
- **Continuous-flow left ventricular assist device implantation in the presence of a hostile ventricular apex.** *journal of thoracic and cardiovascular surgery*  
Atluri, P., Dymond, D. J., Woo, Y. J.  
2013; 146 (4): 981-982
- **Normalization of postinfarct biomechanics using a novel tissue-engineered angiogenic construct.** *Circulation*  
Atluri, P., Trubelja, A., Fairman, A. S., Hsiao, P., MacArthur, J. W., Cohen, J. E., Shudo, Y., Frederick, J. R., Woo, Y. J.  
2013; 128 (11): S95-104
- **Spatially oriented, temporally sequential smooth muscle cell-endothelial progenitor cell bi-level cell sheet neovascularizes ischemic myocardium.** *Circulation*  
Shudo, Y., Cohen, J. E., MacArthur, J. W., Atluri, P., Hsiao, P. F., Yang, E. C., Fairman, A. S., Trubelja, A., Patel, J., Miyagawa, S., Sawa, Y., Woo, Y. J.



2013; 128 (11): S59-68

- **Sustained release of engineered stromal cell-derived factor 1-a from injectable hydrogels effectively recruits endothelial progenitor cells and preserves ventricular function after myocardial infarction.** *Circulation*  
MacArthur, J. W., Purcell, B. P., Shudo, Y., Cohen, J. E., Fairman, A., Trubelja, A., Patel, J., Hsiao, P., Yang, E., Lloyd, K., Hiesinger, W., Atluri, P., Burdick, et al  
2013; 128 (11): S79-86
- **Posterior ventricular anchoring neochordal repair of degenerative mitral regurgitation efficiently remodels and repositions posterior leaflet prolapse(dagger)** *26th Annual Meeting of the European-Association-for-Cardio-Thoracic-Surgery (EACTS)*  
Woo, Y. J., MacArthur, J. W.  
OXFORD UNIV PRESS INC.2013: 485-89
- **Pulmonary Autograft Leaflet Repair and Valve Sparing Root Replacement to Correct Late Failure of the Ross Procedure** *JOURNAL OF CARDIAC SURGERY*  
Goldstone, A. B., Woo, Y. J.  
2013; 28 (5): 496-499
- **Predicting Right Ventricular Failure in the Modern, Continuous Flow Left Ventricular Assist Device Era** *59th Annual Meeting of the Southern-Thoracic-Surgical-Association (STSA)*  
Atluri, P., Goldstone, A. B., Fairman, A. S., MacArthur, J. W., Shudo, Y., Cohen, J. E., Acker, A. L., Hiesinger, W., Howard, J. L., Acker, M. A., Woo, Y. J.  
ELSEVIER SCIENCE INC.2013: 857-64
- **Ventricular Assist Device Implant in the Elderly Is Associated With Increased, but Respectable Risk: A Multi-Institutional Study** *49th Annual Meeting of the Society-of-Thoracic-Surgeons*  
Atluri, P., Goldstone, A. B., Kobrin, D. M., Cohen, J. E., MacArthur, J. W., Howard, J. L., Jessup, M. L., Rame, J. E., Acker, M. A., Woo, Y. J.  
ELSEVIER SCIENCE INC.2013: 141-47
- **Dissected axillary artery cannulation in redo-total arch replacement surgery** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Vallabhajosyula, P., McClure, R. S., Hanson, C. W., Woo, Y. J.  
2013; 145 (6): E57-E59
- **Ascending Aortic Cannulation in Acute Type A Dissection Repair** *ANNALS OF THORACIC SURGERY*  
Frederick, J. R., Yang, E., Trubelja, A., Desai, N. D., Szeto, W. Y., Pochettino, A., Bavaria, J. E., Woo, Y. J.  
2013; 95 (5): 1808-1811
- **Profound hyperacute cardiac allograft rejection rescue with biventricular mechanical circulatory support and plasmapheresis, intravenous immunoglobulin, and rituximab therapy** *JOURNAL OF CARDIOTHORACIC SURGERY*  
Kaczorowski, D. J., Datta, J., Kamoun, M., Dries, D. L., Woo, Y. J.  
2013; 8
- **Minimally invasive approach provides at least equivalent results for surgical correction of mitral regurgitation: A propensity-matched comparison** *38th Annual Meeting of the Western-Thoracic-Surgical-Association*  
Goldstone, A. B., Atluri, P., Szeto, W. Y., Trubelja, A., Howard, J. L., MacArthur, J. W., Newcomb, C., Donnelly, J. P., Kobrin, D. M., Sheridan, M. A., Powers, C., Gorman, R. C., Gorman, et al  
MOSBY-ELSEVIER.2013: 748-56
- **Clinical Risk Factors for Primary Graft Dysfunction after Lung Transplantation** *AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE*  
Diamond, J. M., Lee, J. C., Kawut, S. M., Shah, R. J., Localio, A. R., Bellamy, S. L., Lederer, D. J., Cantu, E., Kohl, B. A., Lama, V. N., Bhorade, S. M., Crespo, M., Demissie, et al  
2013; 187 (5): 527-534
- **Rapid onset of fulminant myocarditis portends a favourable prognosis and the ability to bridge mechanical circulatory support to recovery** *EUROPEAN JOURNAL OF CARDIO-THORACIC SURGERY*  
Atluri, P., Ullery, B. W., MacArthur, J. W., Goldstone, A. B., Fairman, A. S., Hiesinger, W., Acker, M. A., Woo, Y. J.  
2013; 43 (2): 379-382
- **Quantitative evaluation of change in coexistent mitral regurgitation after aortic valve replacement** *38th Annual Meeting of the Western-Thoracic-Surgical-Association*  
Kaczorowski, D. J., MacArthur, J. W., Howard, J., Kobrin, D., Fairman, A., Woo, Y. J.  
MOSBY-ELSEVIER.2013: 341-48

- **2013 ACCF/AHA Guideline for the Management of ST-Elevation Myocardial Infarction: Executive Summary A Report of the American College of Cardiology Foundation/American Heart Association Task Force on Practice Guidelines** *CIRCULATION*  
O'Gara, P. T., Kushner, F. G., Ascheim, D. D., Casey, D. E., Chung, M. K., de Lemos, J. A., Ettinger, S. M., Fang, J. C., Fesmire, F. M., Franklin, B. A., Granger, C. B., Krumholz, H. M., Linderbaum, et al  
2013; 127 (4): 529-?
- **2013 ACCF/AHA Guideline for the Management of ST-Elevation Myocardial Infarction: Executive Summary A Report of the American College of Cardiology Foundation/American Heart Association Task Force on Practice Guidelines** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*  
O'Gara, P. T., Kushner, F. G., Ascheim, D. D., Casey, D. E., Chung, M. K., de Lemos, J. A., Ettinger, S. M., Fang, J. C., Fesmire, F. M., Franklin, B. A., Granger, C. B., Krumholz, H. M., Linderbaum, et al  
2013; 61 (4): 485-510
- **Mathematically engineered stromal cell-derived factor-1 alpha stem cell cytokine analog enhances mechanical properties of infarcted myocardium** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
MacArthur, J. W., Trubelja, A., Shudo, Y., Hsiao, P., Fairman, A. S., Yang, E., Hiesinger, W., Sarver, J. J., Atluri, P., Woo, Y. J.  
2013; 145 (1): 278-284
- **Postoperative Right Ventricular Failure After Left Ventricular Assist Device Placement is Predicted by Preoperative Echocardiographic Structural, Hemodynamic, and Functional Parameters** *JOURNAL OF CARDIAC FAILURE*  
Raina, A., Rammohan, H. R., Gertz, Z. M., Rame, J. E., Woo, Y. J., Kirkpatrick, J. N.  
2013; 19 (1): 16-24
- **Elevated Plasma Angiotensin-2 Levels and Primary Graft Dysfunction after Lung Transplantation** *PLOS ONE*  
Diamond, J. M., Porteous, M. K., Cantu, E., Meyer, N. J., Shah, R. J., Lederer, D. J., Kawut, S. M., Lee, J., Bellamy, S. L., Palmer, S. M., Lama, V. N., Bhorade, S. M., Crespo, et al  
2012; 7 (12)
- **Intracardiac exposure for transventricular mitral valve ring annuloplasty repair during Dor ventriculoplasty** *JOURNAL OF HEART AND LUNG TRANSPLANTATION*  
Kaczorowski, D. J., Blank, M., Woo, Y. J.  
2012; 31 (11): 1236-1238
- **Three-Dimensional Echocardiographic Analysis of Mitral Annular Dynamics Implication for Annuloplasty Selection** *Meeting of the American-Heart-Association*  
Levack, M. M., Jassar, A. S., Shang, E. K., Vergnat, M., Woo, Y. J., Acker, M. A., Jackson, B. M., Gorman, J. H., Gorman, R. C.  
LIPPINCOTT WILLIAMS & WILKINS.2012: S183-S188
- **The influence of saddle-shaped annuloplasty on leaflet curvature in patients with ischaemic mitral regurgitation** *EUROPEAN JOURNAL OF CARDIO-THORACIC SURGERY*  
Vergnat, M., Levack, M. M., Jassar, A. S., Jackson, B. M., Acker, M. A., Woo, Y. J., Gorman, R. C., Gorman, J. H.  
2012; 42 (3): 493-499
- **Aortic valve repair by sinotubular junctional remodeling to eliminate aortic regurgitation in donor cardiac allograft** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Kaczorowski, D. J., Woo, Y. J.  
2012; 144 (3): 722-724
- **Thoracoabdominal aortic aneurysm.** *Annals of cardiothoracic surgery*  
Frederick, J. R., Woo, Y. J.  
2012; 1 (3): 277-285
- **Re-Engineered Stromal Cell-Derived Factor-1 alpha and the Future of Translatable Angiogenic Polypeptide Design** *TRENDS IN CARDIOVASCULAR MEDICINE*  
Hiesinger, W., Goldstone, A. B., Woo, Y. J.  
2012; 22 (6): 139-144
- **Transaortic Mitral Valve Replacement** *ANNALS OF THORACIC SURGERY*  
Frederick, J. R., Woo, Y. J.  
2012; 94 (1): 302-304
- **Effects of Atrial Fibrillation on Treatment of Mitral Regurgitation in the EVEREST II (Endovascular Valve Edge-to-Edge Repair Study) Randomized Trial** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*

- Herrmann, H. C., Gertz, Z. M., Silvestry, F. E., Wiegers, S. E., Woo, Y. J., Hermiller, J., Segar, D., Heimansohn, D., Gray, W., Homma, S., Argenziano, M., Wang, A., Jollis, et al  
2012; 59 (14): 1312-1319
- **Myocardial tissue elastic properties determined by atomic force microscopy after stromal cell-derived factor 1 alpha angiogenic therapy for acute myocardial infarction in a murine model** *37th Annual Meeting of the Western-Thoracic-Surgical-Association*  
Hiesinger, W., Brukman, M. J., McCormick, R. C., Fitzpatrick, J. R., Frederick, J. R., Yang, E. C., Muenzer, J. R., Marotta, N. A., Berry, M. F., Atluri, P., Woo, Y. J.  
MOSBY-ELSEVIER.2012: 962-66
  - **Simplified nonresectional leaflet remodeling mitral valve repair for degenerative mitral regurgitation** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Woo, Y. J., MacArthur, J. W.  
2012; 143 (3): 749-753
  - **Design, rationale, and initiation of the Surgical Interventions for Moderate Ischemic Mitral Regurgitation Trial: A report from the Cardiothoracic Surgical Trials Network** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Smith, P. K., Michler, R. E., Woo, Y. J., Alexander, J. H., Puskas, J. D., Parides, M. K., Hahn, R. T., Williams, J. B., Dent, J. M., Ferguson, T. B., Moquete, E., Rose, E. A., Page, et al  
2012; 143 (1): 111-U175
  - **Durability of Porcine Bioroots in Younger Patients With Aortic Root Pathology: A Propensity-Matched Comparison With Composite Mechanical Roots** *Surgical Motion Picture Session of the 46th Annual Meeting of the Society-of-Thoracic-Surgeons*  
Desai, N. D., McCarthy, F., Moser, W., Szeto, W. Y., Zeeshan, A., Brown, D., Woo, Y. J., Pochettino, A., Moeller, P., Bavaria, J. E.  
ELSEVIER SCIENCE INC.2011: 2054-61
  - **Who Needs an RVAD in Addition to an LVAD?** *CARDIOLOGY CLINICS*  
Kaczorowski, D. J., Woo, Y. J.  
2011; 29 (4): 599-?
  - **Obesity and Primary Graft Dysfunction after Lung Transplantation The Lung Transplant Outcomes Group Obesity Study** *AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE*  
Lederer, D. J., Kawut, S. M., Wickersham, N., Winterbottom, C., Borhade, S., Palmer, S. M., Lee, J., Diamond, J. M., Wille, K. M., Weinacker, A., Lama, V. N., Crespo, M., Orens, et al  
2011; 184 (9): 1055-1061
  - **Transventricular mitral valve operations.** *Annals of thoracic surgery*  
Joseph Woo, Y., McCormick, R. C.  
2011; 92 (4): 1501-1503
  - **Computational Protein Design to Reengineer Stromal Cell-Derived Factor-1 alpha Generates an Effective and Translatable Angiogenic Polypeptide Analog** *Annual Meeting of the American-Heart-Association*  
Hiesinger, W., Perez-Aguilar, J. M., Atluri, P., Marotta, N. A., Frederick, J. R., Fitzpatrick, J. R., McCormick, R. C., Muenzer, J. R., Yang, E. C., Levit, R. D., Yuan, L., MacArthur, J. W., Saven, et al  
LIPPINCOTT WILLIAMS & WILKINS.2011: S18-S26
  - **Saddle-shape annuloplasty increases mitral leaflet coaptation after repair for flail posterior leaflet.** *Annals of thoracic surgery*  
Vergnat, M., Jackson, B. M., Cheung, A. T., Weiss, S. J., Ratcliffe, S. J., Gillespie, M. J., Woo, Y. J., Bavaria, J. E., Acker, M. A., Gorman, R. C., Gorman, J. H.  
2011; 92 (3): 797-803
  - **Oxygen-dependent quenching of phosphorescence used to characterize improved myocardial oxygenation resulting from vasculogenic cytokine therapy** *JOURNAL OF APPLIED PHYSIOLOGY*  
Hiesinger, W., Vinogradov, S. A., Atluri, P., Fitzpatrick, J. R., Frederick, J. R., Levit, R. D., McCormick, R. C., Muenzer, J. R., Yang, E. C., Marotta, N. A., MacArthur, J. W., Wilson, D. F., Woo, et al  
2011; 110 (5): 1460-1465
  - **Tissue-Specific Variability in Human Epicardial Impedance** *JOURNAL OF CARDIOVASCULAR ELECTROPHYSIOLOGY*  
Jacobson, J. T., Hutchinson, M. D., Cooper, J. M., Woo, Y. J., Shandler, R. S., Callans, D. J.  
2011; 22 (4): 436-439
  - **Forecasting the Future of Cardiovascular Disease in the United States A Policy Statement From the American Heart Association** *CIRCULATION*

- Heidenreich, P. A., Trogdon, J. G., Khavjou, O. A., Butler, J., Dracup, K., Ezekowitz, M. D., Finkelstein, E. A., Hong, Y., Johnston, S. C., Khera, A., Lloyd-Jones, D. M., Nelson, S. A., Nichol, et al  
2011; 123 (8): 933-944
- **Implantable Ventricular Assist Device Exchange With Focused Intravascular Deairing Techniques** *ANNALS OF THORACIC SURGERY*  
Woo, Y. J., Acker, M. A.  
2011; 91 (1): 306-307
  - **Mechanical Circulatory Assistance - An Evolving Therapy** *CIRCULATION JOURNAL*  
Fitzpatrick, J. R., Woo, Y. J.  
2011; 75 (1): 38-46
  - **Outcomes of coronary artery bypass grafting and reduction annuloplasty for functional ischemic mitral regurgitation: A prospective multicenter study (Randomized Evaluation of a Surgical Treatment for Off-Pump Repair of the Mitral Valve)** *36th Annual Meeting of the Western-Thoracic-Surgical-Association*  
Grossi, E. A., Woo, J., Patel, N., Goldberg, J. D., Schwartz, C. F., Subramanian, V. A., Genco, C., Goldman, S. M., Zenati, M. A., Wolfe, J. A., Mishra, Y. K., Trehan, N.  
MOSBY-ELSEVIER.2011: 91-97
  - **Minimally invasive robotic mitral valve surgery** *EXPERT REVIEW OF MEDICAL DEVICES*  
Atluri, P., Woo, Y. J.  
2011; 8 (1): 115-120
  - **Outcomes of the RESTOR-MV Trial (Randomized Evaluation of a Surgical Treatment for Off-Pump Repair of the Mitral Valve)** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*  
Grossi, E. A., Patel, N., Woo, Y. J., Goldberg, J. D., Schwartz, C. F., Subramanian, V., Feldman, T., Bourge, R., Baumgartner, N., Genco, C., Goldman, S., Zenati, M., Wolfe, et al  
2010; 56 (24): 1984-1993
  - **Acute Myocardial Rescue with Endogenous Endothelial Progenitor Cell Therapy** *HEART LUNG AND CIRCULATION*  
Atluri, P., Panlilio, C. M., Liao, G. P., Hiesinger, W., Harris, D. A., McCormick, R. C., Cohen, J. E., Jin, T., Feng, W., Levit, R. D., Dong, N., Woo, Y. J.  
2010; 19 (11): 644-654
  - **Spliced stromal cell-derived factor-1 alpha analog stimulates endothelial progenitor cell migration and improves cardiac function in a dose-dependent manner after myocardial infarction** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Hiesinger, W., Frederick, J. R., Atluri, P., McCormick, R. C., Marotta, N., Muenzer, J. R., Woo, Y. J.  
2010; 140 (5): 1174-1180
  - **Stromal Cell-Derived Factor-1 alpha Activation of Tissue-Engineered Endothelial Progenitor Cell Matrix Enhances Ventricular Function After Myocardial Infarction by Inducing Neovascuogenesis** *82nd National Conference and Exhibitions and Annual Scientific Session of the American-Heart-Association*  
Frederick, J. R., Fitzpatrick, J. R., McCormick, R. C., Harris, D. A., Kim, A., Muenzer, J. R., Marotta, N., Smith, M. J., Cohen, J. E., Hiesinger, W., Atluri, P., Woo, Y. J.  
LIPPINCOTT WILLIAMS & WILKINS.2010: S107-S117
  - **Tissue-engineered pro-angiogenic fibroblast scaffold improves myocardial perfusion and function and limits ventricular remodeling after infarction** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Fitzpatrick, J. R., Frederick, J. R., McCormick, R. C., Harris, D. A., Kim, A., Muenzer, J. R., Gambogi, A. J., Liu, J. P., Paulson, E. C., Woo, Y. J.  
2010; 140 (3): 667-676
  - **Cavopulmonary Bypass to Facilitate Infrahepatic Vena Cava Gunshot Wound Repair** *ANNALS OF THORACIC SURGERY*  
Liao, G. P., Braslow, B., Schwab, C. W., Woo, Y. J.  
2010; 89 (6): 2026-2028
  - **Retrograde and Antegrade Cerebral Perfusion: Results in Short Elective Arch Reconstructive Times** *Surgical Motion Picture Session of the 45th Annual Meeting of the Society-of-Thoracic-Surgeons*  
Milewski, R. K., Pacini, D., Moser, G. W., Moeller, P., Cowie, D., Szeto, W. Y., Woo, Y. J., Desai, N., Di Marco, L., Pochettino, A., Di Bartolomeo, R., Bavaria, J. E.  
ELSEVIER SCIENCE INC.2010: 1448-57
  - **Repair of type A aortic dissection in nonagenarian.** *Asian cardiovascular & thoracic annals*  
Woo, Y. J., Kozin, E. D.

2010; 18 (2): 183-184

- **Surgical Revision After Percutaneous Mitral Repair With the MitraClip Device** *44th Annual Meeting of the Society-of-Thoracic-Surgeons*  
Argenziano, M., Skipper, E., Heimansohn, D., Letsou, G. V., Woo, Y. J., Kron, I., Alexander, J., Cleveland, J., Kong, B., Davidson, M., Vassiliades, T., Krieger, K., Sako, et al  
ELSEVIER SCIENCE INC.2010: 72–80
- **Plasma Levels of Receptor for Advanced Glycation End Products, Blood Transfusion, and Risk of Primary Graft Dysfunction** *AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE*  
Christie, J. D., Shah, C. V., Kawut, S. M., Mangalmurti, N., Lederer, D. J., Sonett, J. R., Ahya, V. N., Palmer, S. M., Wille, K., Lama, V., Shah, P. D., Shah, A., Weinacker, et al  
2009; 180 (10): 1010-1015
- **Late Surgical Mitral Valve Repair after Percutaneous Repair with the MitraClip (R) System** *JOURNAL OF CARDIAC SURGERY*  
Rogers, J. H., Yeo, K. K., Carroll, J. D., Cleveland, J., Reece, T. B., Gillinov, A. M., Rodriguez, L., Whitlow, P., Woo, Y. J., Herrmann, H. C., Young, J. N.  
2009; 24 (6): 677-681
- **Minimally Invasive Valve Surgery** *SURGICAL CLINICS OF NORTH AMERICA*  
Woo, Y. J.  
2009; 89 (4): 923-?
- **Antegrade Thoracic Stent Grafting During Repair of Acute DeBakey I Dissection Prevents Development of Thoracoabdominal Aortic Aneurysms** *55th Annual Meeting of the Southern-Thoracic-Surgical-Association*  
Pochettino, A., Brinkman, W. T., Moeller, P., Szeto, W. Y., Moser, W., Cornelius, K., Bowen, F. W., Woo, Y. J., Bavaria, J. E.  
ELSEVIER SCIENCE INC.2009: 482–90
- **Early planned institution of biventricular mechanical circulatory support results in improved outcomes compared with delayed conversion of a left ventricular assist device to a biventricular assist device** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Fitzpatrick, J. R., Frederick, J. R., Hiesinger, W., Hsu, V. M., McCormick, R. C., Kozin, E. D., Laporte, C. M., O'Hara, M. L., Howell, E., Dougherty, D., Cohen, J. E., Southerland, K. W., Howard, et al  
2009; 137 (4): 971-977
- **Off-pump, minimally invasive and robotic coronary revascularization yield improved outcomes over traditional on-pump CABG** *INTERNATIONAL JOURNAL OF MEDICAL ROBOTICS AND COMPUTER ASSISTED SURGERY*  
Atluri, P., Kozin, E. D., Hiesinger, W., Woo, Y. J.  
2009; 5 (1): 1-12
- **Endocarditis with massive aortic root abscess and atrioventricular septal destruction.** *Interactive cardiovascular and thoracic surgery*  
Parish, L. M., Liu, L., Woo, Y. J.  
2009; 8 (2): 280-282
- **Outcomes Using Extracorporeal Life Support for Adult Respiratory Failure due to Status Asthmaticus** *ASAIO JOURNAL*  
Mikkelsen, M. E., Woo, Y. J., Sager, J. S., Fuchs, B. D., Christif, J. D.  
2009; 55 (1): 47-52
- **Neurologic Outcomes from High Risk Descending Thoracic and Thoracoabdominal Aortic Operations in the Era of Endovascular Repair** *NEUROCRITICAL CARE*  
Messe, S. R., Bavaria, J. E., Mullen, M., Cheung, A. T., Davis, R., Augoustides, J. G., Gutsche, J., Woo, E. Y., Szeto, W. Y., Pochettino, A., Woo, Y. J., Kasner, S. E., McGarvey, et al  
2008; 9 (3): 344-351
- **Risk Score Derived from Pre-operative Data Analysis Predicts the Need for Biventricular Mechanical Circulatory Support** *28th Annual Meeting of the International-Society-for-Heart-and-Lung-Transplantation*  
Fitzpatrick, J. R., Frederick, J. R., Hsu, V. M., Kozin, E. D., O'Hara, M. L., Howell, E., Dougherty, D., McCormick, R. C., Laporte, C. A., Cohen, J. E., Southerland, K. W., Howard, J. L., Jessup, et al  
ELSEVIER SCIENCE INC.2008: 1286–92
- **Acute myocardial infarction requiring mechanical bridge to transplantation in a patient with undiagnosed anti-phospholipid antibody syndrome** *JOURNAL OF HEART AND LUNG TRANSPLANTATION*  
Reade, C. C., Morris, R. J., Acker, M. A., Jessup, M., Banbury, M. K., Woo, Y. J.  
2008; 27 (6): 682-684

- **Cardiac retransplantation is an efficacious therapy for primary cardiac allograft failure** *JOURNAL OF CARDIOTHORACIC SURGERY*  
Atluri, P., Hiesinger, W., Gorman, R. C., Pochettino, A., Jessup, M., Acker, M. A., Morris, R. J., Woo, Y. J.  
2008; 3
- **Transmyocardial revascularization to enhance myocardial vasculogenesis and hemodynamic function** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Atluri, P., Panlilio, C. M., Liao, G. P., Suarez, E. E., McCormick, R. C., Hiesinger, W., Cohen, J. E., Smith, M. J., Patel, A. B., Feng, W., Woo, Y. J.  
2008; 135 (2): 283-U50
- **Pro-angiogenic cytokines as cardiovascular therapeutics - Assessing the potential** *BIODRUGS*  
Atluri, P., Woo, Y. J.  
2008; 22 (4): 209-222
- **Fate of the residual distal and proximal aorta after acute type a dissection repair using a contemporary surgical reconstruction algorithm** *43rd Annual Meeting of the Society-of-Thoracic-Surgeons*  
Geirsson, A., Bavaria, J. E., Swarr, D., Keane, M. G., Woo, Y. J., Szeto, W. Y., Pochettino, A.  
ELSEVIER SCIENCE INC.2007: 1955-64
- **Emergency extracorporeal life support for asphyxic status asthmaticus** *35th Critical Care Congress of the Society-of-Critical-Care-Medicine*  
Mikkelsen, M. E., Pugh, M. E., Hansen-Flaschen, J. H., Woo, Y. J., Sager, J. S.  
DAEDALUS ENTERPRISES INC.2007: 1525-29
- **Significance of malperfusion syndromes prior to contemporary surgical repair for acute type A dissection: outcomes and need for additional revascularizations** *55th Annual Meeting of the Scandinavian-Association-for-Thoracic-Surgery/26th Annual Meeting of the Scandinavian-Society-for-Extracorporeal-Technology*  
Geirsson, A., Szeto, W. Y., Pochettino, A., McGarvey, M. L., Keane, M. G., Woo, Y. J., Augoustides, J. G., Bavaria, J. E.  
OXFORD UNIV PRESS INC.2007: 255-62
- **Association between elevated whole blood Epstein-Barr virus (EBV)-encoded RNA EBV polymerase chain reaction and reduced incidence of acute lung allograft rejection** *JOURNAL OF HEART AND LUNG TRANSPLANTATION*  
Ahya, V. N., Douglas, L. P., Andreadis, C., Arnoldi, S., Svoboda, J., Kotloff, R. M., Hadjiliadis, D., Sager, J. S., Woo, Y. J., Pochettino, A., Schuster, S. J., Stadtmauer, E. A., Tsai, et al  
2007; 26 (8): 839-844
- **Minimally invasive resection of papillary fibroelastoma in a high-risk patient** *JOURNAL OF CARDIOVASCULAR MEDICINE*  
Kim, R. W., Jeffery, M. E., Smith, M. J., Wilensky, R. L., Woo, E. Y., Woo, Y. J.  
2007; 8 (8): 639-641
- **High-risk repair of ascending aortic aneurysm due to giant cell aortitis.** *Asian cardiovascular & thoracic annals*  
Atluri, P., Woo, Y. J.  
2007; 15 (3): 252-254
- **Myocardial regeneration therapy for ischemic cardiomyopathy with cyclin A2** *86th Annual Meeting of the American-Association-for-Thoracic-Surgery*  
Woo, Y. J., Panlilio, C. M., Cheng, R. K., Liao, G. P., Suarez, E. E., Atluri, P., Chaudhry, H. W.  
MOSBY-ELSEVIER.2007: 927-33
- **Integrity of the cerebral blood-flow response to hyperoxia after cardiopulmonary bypass** *JOURNAL OF CARDIOTHORACIC AND VASCULAR ANESTHESIA*  
Floyd, T. F., Ratcliffe, S. J., Detre, J. A., Woo, Y. J., Acker, M. A., Bavaria, J. E., Resh, B. F., Pochettino, A. A., Eckenhoff, R. A.  
2007; 21 (2): 212-217
- **Ischemic heart failure enhances endogenous myocardial apelin and APJ receptor expression** *CELLULAR & MOLECULAR BIOLOGY LETTERS*  
Atluri, P., Morine, K. J., Liao, G. P., Panlilio, C. M., Berry, M. F., Hsu, V. M., Hiesinger, W., Cohen, J. E., Woo, Y. J.  
2007; 12 (1): 127-138
- **Minimally invasive valve surgery.** *Seminars in thoracic and cardiovascular surgery*  
Woo, Y. J., Seeburger, J., Mohr, F. W.  
2007; 19 (4): 289-298
- **Minimally invasive aortic valve papillary fibroelastoma resection.** *Interactive cardiovascular and thoracic surgery*  
Hsu, V. M., Atluri, P., Keane, M. G., Woo, Y. J.

2006; 5 (6): 779-781

- **Placental growth factor provides a novel local angiogenic therapy for ischemic cardiomyopathy** *JOURNAL OF CARDIAC SURGERY*  
Kolakowski, S., Berry, M. F., Atluri, P., Grand, T., Fisher, O., Moise, A., Cohen, J., Hsu, V., Woo, Y. J.  
2006; 21 (6): 559-564
- **Techniques for preserving vertebral artery perfusion during thoracic aortic stent grafting requiring aortic arch landing.** *Vascular and endovascular surgery*  
Woo, E. Y., Bavaria, J. E., Pochettino, A., Gleason, T. G., Woo, Y. J., Velazquez, O. C., Carpenter, J. P., Cheung, A. T., Fairman, R. M.  
2006; 40 (5): 367-373
- **Combined DOR ventriculoplasty and aortic valve replacement in the treatment of post infarction ventricular aneurysm and aortic regurgitation** *JOURNAL OF CARDIAC SURGERY*  
Suarez, E. E., Keane, M. G., Woo, Y. J.  
2006; 21 (5): 486-488
- **Robotic cardiac surgery** *INTERNATIONAL JOURNAL OF MEDICAL ROBOTICS AND COMPUTER ASSISTED SURGERY*  
Woo, Y. J.  
2006; 2 (3): 225-232
- **Off-pump revascularization for significant left ventricular dysfunction.** *Asian cardiovascular & thoracic annals*  
Woo, Y. J., Grand, T. J., Liao, G. P., Panlilio, C. M.  
2006; 14 (4): 306-309
- **Robotic minimally invasive mitral valve reconstruction yields less blood product transfusion and shorter length of stay** *67th Annual Meeting of the Society-of-University-Surgeons/1st Annual Academic Surgical Congress*  
Woo, Y. J., Nacke, E. A.  
MOSBY-ELSEVIER.2006: 263-67
- **Therapeutic delivery of cyclin A2 induces myocardial regeneration and enhances cardiac function in ischemic heart failure** *78th Annual Scientific Session of the American-Heart-Association*  
Woo, Y. J., Panlilio, C. M., Cheng, R. K., Liao, G. P., Atluri, P., Hsu, V. M., Cohen, J. E., Chaudhry, H. W.  
LIPPINCOTT WILLIAMS & WILKINS.2006: I206-I213
- **Minimally invasive, robotic, and off-pump mitral valve surgery.** *Seminars in thoracic and cardiovascular surgery*  
Woo, Y. J., Rodriguez, E., Atluri, P., Chitwood, W. R.  
2006; 18 (2): 139-147
- **Left main coronary embolism.** *journal of invasive cardiology*  
Mejia, V. M., Woo, Y. J., Herrmann, H. C.  
2006; 18 (6): 296-?
- **Clinically silent cerebral ischemic events after cardiac surgery: Their incidence, regional vascular occurrence, and procedural dependence** *ANNALS OF THORACIC SURGERY*  
Floyd, T. F., Shah, P. N., Price, C. C., Harris, F., Ratcliffe, S. J., Acker, M. A., Bavaria, J. E., Rahmouni, H., Kuersten, B., Wiegers, S., McGarvey, M. L., Woo, J. Y., Pochettino, et al  
2006; 81 (6): 2160-2166
- **Mesenchymal stem cell injection after myocardial infarction improves myocardial compliance** *AMERICAN JOURNAL OF PHYSIOLOGY-HEART AND CIRCULATORY PHYSIOLOGY*  
Berry, M. F., Engler, A. J., Woo, Y. J., Pirolli, T. J., Bish, L. T., Jayasankar, V., Morine, K. J., Gardner, T. J., Discher, D. E., Sweeney, H. L.  
2006; 290 (6): H2196-H2203
- **Comparison of Coapsys annuloplasty and internal reduction mitral annuloplasty in the randomized treatment of functional ischemic mitral regurgitation: Impact on the left ventricle** *31st Annual Meeting of the Western-Thoracic-Surgical-Association*  
Grossi, E. A., Woo, Y. J., Schwartz, C. F., Gangahar, D. M., Subramanian, V. A., Patel, N., Wudel, J., DiGiorgi, P. L., Singh, A., Davis, R. D.  
MOSBY-ELSEVIER.2006: 1095-98
- **Neovasculogenic therapy to augment perfusion and preserve viability in ischemic cardiomyopathy.** *Annals of thoracic surgery*  
Atluri, P., Liao, G. P., Panlilio, C. M., Hsu, V. M., Leskowitz, M. J., Morine, K. J., Cohen, J. E., Berry, M. F., Suarez, E. E., Murphy, D. A., Lee, W. M., Gardner, T. J., Sweeney, et al  
2006; 81 (5): 1728-1736



- **Fructose 1,6-diphosphate administration attenuates post-ischemic ventricular dysfunction.** *Heart, lung & circulation*  
Cohen, J. E., Atluri, P., Taylor, M. D., Grand, T. J., Liao, G. P., Panlilio, C. M., Suarez, E. E., Zentko, S. E., Hsu, V. M., Berry, M. F., Smith, M. J., Gardner, T. J., Sweeney, et al  
2006; 15 (2): 119-123
- **Safety and efficacy of left ventricular assist device support in postmyocardial infarction cardiogenic shock** *52nd Annual Meeting of the Southern-Thoracic-Surgical-Association*  
Leshnower, B. G., Gleason, T. G., O'Hara, M. L., Pochettino, A., Woo, Y. J., Morris, R. J., Gardner, T. J., Acker, M. A.  
ELSEVIER SCIENCE INC.2006: 1365-71
- **Neurological monitoring and off-pump surgery in a very high-risk stroke patient** *ANNALS OF THORACIC SURGERY*  
Berry, M. F., McGarvey, M. L., Zeng, L., Woo, Y. J.  
2005; 80 (6): 2372-2374
- **Intraoperative effects of the coapsys annuloplasty system in a randomized evaluation (RESTOR-MV) of functional ischemic mitral regurgitation** *ANNALS OF THORACIC SURGERY*  
Grossi, E. A., Saunders, P. C., Woo, Y. J., Gangahar, D. M., Laschinger, J. C., Kress, D. C., Caskey, M. P., Schwartz, C. F., Wudel, J.  
2005; 80 (5): 1706-1711
- **Robotic resection of an aortic valve papillary fibroelastoma** *ANNALS OF THORACIC SURGERY*  
Woo, Y. J., Grand, T. J., Weiss, S. J.  
2005; 80 (3): 1100-1102
- **Stromal cell-derived factor and granulocyte-monocyte colony-stimulating factor form a combined neovasculogenic therapy for ischemic cardiomyopathy** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Woo, Y. J., Grand, T. J., Berry, M. F., Atluri, P., Moise, M. A., Hsu, V. M., Cohen, J., Fisher, O., Burdick, J., Taylor, M., Zentko, S., Liao, G., Smith, et al  
2005; 130 (2): 321-329
- **Robot-assisted pharyngeal and laryngeal microsurgery: Results of robotic cadaver dissections** *Annual Meeting of the Triologic-Society*  
Hockstein, N. G., Nolan, J. P., O'Malley, B. W., Woo, Y. J.  
JOHN WILEY & SONS INC.2005: 1003-8
- **Creatine phosphate administration preserves myocardial function in a model of off-pump coronary revascularization** *JOURNAL OF CARDIOVASCULAR SURGERY*  
Woo, Y. J., Grand, T. J., Zentko, S., Cohen, J. E., Hsu, V., Atluri, P., Berry, M. F., Taylor, M. D., Moise, M. A., Fisher, O., Kolakowski, S.  
2005; 46 (3): 297-303
- **Active thermoregulation improves outcome of off-pump coronary artery bypass.** *Asian cardiovascular & thoracic annals*  
Woo, Y. J., Atluri, P., Grand, T. J., Hsu, V. M., Cheung, A.  
2005; 13 (2): 157-160
- **Robotic microlaryngeal surgery: A technical feasibility study using the daVinci surgical robot and an airway mannequin** *LARYNGOSCOPE*  
Hockstein, N. G., Nolan, J. P., O'Malley, B. W., Woo, Y. J.  
2005; 115 (5): 780-785
- **One year transgene expression with adeno-associated virus cardiac gene transfer** *INTERNATIONAL JOURNAL OF CARDIOLOGY*  
Woo, Y. J., Zhang, J. C., Taylor, M. D., Cohen, J. E., Hsu, V. M., Sweeney, H. L.  
2005; 100 (3): 421-426
- **Cardiac surgery in patients on antiplatelet and antithrombotic agents.** *Seminars in thoracic and cardiovascular surgery*  
Woo, Y. J.  
2005; 17 (1): 66-72
- **Ethyl pyruvate enhances ATP levels, reduces oxidative stress and preserves cardiac function in a rat model of off-pump coronary bypass.** *Heart, lung & circulation*  
Taylor, M. D., Grand, T. J., Cohen, J. E., Hsu, V., Liao, G. P., Zentko, S., Berry, M. F., Gardner, T. J., Woo, Y. J.  
2005; 14 (1): 25-31
- **Minimally invasive aortic valve replacement combined with radiofrequency-modified maze procedure** *JOURNAL OF CARDIAC SURGERY*  
Kolakowski, S., Woo, Y. J.



2005; 20 (2): 164-166

- **Induction of angiogenesis and inhibition of apoptosis by hepatocyt growth factor effectively treats postischemic heart failure** *JOURNAL OF CARDIAC SURGERY*  
Jayasankar, V., Woo, Y. J., Pirolli, T. J., Bish, L. T., Berry, M. F., Burdick, J., Gardner, T. J., Sweeney, H. L.  
2005; 20 (1): 93-101
- **Targeted overexpression of leukemia inhibitory factor to preserve myocardium in a rat model of postinfarction heart failure** *84th Annual Meeting of the American-Association-for-Thoracic-Surgery*  
Berry, M. F., Pirolli, T. J., Jayasankar, V., Morine, K. J., Moise, M. A., Fisher, O., Gardner, T. J., Patterson, P. H., Woo, Y. J.  
MOSBY-ELSEVIER.2004: 866-75
- **Innominate artery transection in the setting of a bovine arch** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Moise, M. A., Hsu, V., Braslow, B., Woo, Y. J.  
2004; 128 (4): 632-634
- **Inhibition of matrix metalloproteinase activity by TIMP-1 gene transfer effectively treats ischemic cardiomyopathy** *CIRCULATION*  
Jayasankar, V., Woo, Y. J., Bish, L. T., Pirolli, T. J., Berry, M. F., Burdick, J., Bhalla, R. C., Sharma, R. V., Gardner, T. J., Sweeney, H. L.  
2004; 110 (11): II180-II186
- **Apelin has in vivo inotropic effects on normal and failing hearts** *CIRCULATION*  
Berry, M. F., Pirolli, T. J., Jayasankar, V., Burdick, J., Morine, K. J., Gardner, T. J., Woo, Y. J.  
2004; 110 (11): II187-II193
- **Administration of a tumor necrosis factor inhibitor at the time of myocardial infarction attenuates subsequent ventricular remodeling** *JOURNAL OF HEART AND LUNG TRANSPLANTATION*  
Berry, M. F., Woo, Y. J., Pirolli, T. J., Bish, L. T., Moise, M. A., Burdick, J. W., Morine, K. J., Jayasankar, V., Gardner, T. J., Sweeney, H. L.  
2004; 23 (9): 1061-1068
- **Local myocardial overexpression of growth hormone attenuates postinfarction remodeling and preserves cardiac function** *ANNALS OF THORACIC SURGERY*  
Jayasankar, V., Bish, L. T., Pirolli, T. J., Berry, M. F., Burdick, J., Woo, Y. J.  
2004; 77 (6): 2122-2129
- **Ethyl pyruvate preserves cardiac function and attenuates oxidative injury after prolonged myocardial ischemia** *83rd Annual Meeting of the American-Association-for-Thoracic-Surgery*  
Woo, Y. J., Taylor, M. D., Cohen, J. E., Jayasankar, V., Bish, L. T., Burdick, J., Pirolli, T. J., Berry, M. F., Hsu, V., Grand, T.  
MOSBY-ELSEVIER.2004: 1262-69
- **Targeted overexpression of growth hormone by adenoviral gene transfer preserves myocardial function and ventricular geometry in ischemic cardiomyopathy** *JOURNAL OF MOLECULAR AND CELLULAR CARDIOLOGY*  
Jayasankar, V., Pirolli, T. J., Bish, L. T., Berry, M. F., Burdick, J., Grand, T., Woo, Y. J.  
2004; 36 (4): 531-538
- **Should Standard On-Pump Protamine Dosing Formulas Be Recalculated for Off-Pump Coronary Artery Bypass Grafting?** *heart surgery forum*  
Woo, Y. J., Atluri, P., Grand, T. J., Hsu, V., Gardner, T. J.  
2004; 7 (1): 42-44
- **Repair of acute type A aortic dissection associated with temporal arteritis** *ANNALS OF THORACIC SURGERY*  
Berry, M. F., Woo, Y. J.  
2003; 76 (5): 1717-1718
- **Gene transfer of hepatocyte growth factor attenuates postinfarction heart failure.** *Circulation*  
Jayasankar, V., Woo, Y. J., Bish, L. T., Pirolli, T. J., Chatterjee, S., Berry, M. F., Burdick, J., Gardner, T. J., Sweeney, H. L.  
2003; 108: II230-6
- **Blocking the development of postischemic cardiomyopathy with viral gene transfer of the apoptosis repressor with caspase recruitment domain** *82nd Annual Meeting of the American-Association-for-Thoracic-Surgery*  
Chatterjee, S., Bish, L. T., Jayasankar, V., Stewart, A. S., Woo, Y. J., Crow, M. T., Gardner, T. J., Sweeney, H. L.  
MOSBY-ELSEVIER.2003: 1461-69

- **Off-pump coronary artery bypass grafting attenuates postoperative bleeding associated with preoperative clopidogrel administration** *9th Annual CTT Meeting*  
Woo, Y. J., Grand, T., Valettas, N.  
FORUM MULTIMEDIA PUBLISHING, LLC.2003: 282–85
- **Minimally invasive video-assisted graft replacement of a descending thoracic aortic aneurysm** *5th Annual Meeting of the International-Society-for-Minimally-Invasive-Cardiac-Surgery*  
Woo, Y. J., Childers, H.  
FORUM MULTIMEDIA PUBLISHING, LLC.2003: E59–E61
- **Advances in the treatment of acute type A dissection: An integrated approach** *Aortic Surgery Symposium VIII*  
Bavaria, J. E., Brinster, D. R., Gorman, R. C., Woo, Y. J., Gleason, T., Pochettino, A.  
ELSEVIER SCIENCE INC.2002: S1848–S1852
- **Viral gene transfer of the antiapoptotic factor Bcl-2 protects against chronic postischemic heart failure.** *Circulation*  
Chatterjee, S., Stewart, A. S., Bish, L. T., Jayasankar, V., Kim, E. M., Pirolli, T., Burdick, J., Woo, Y. J., Gardner, T. J., Sweeney, H. L.  
2002; 106 (12): I212-7
- **Efficient transmural cardiac gene transfer by intrapericardial injection in neonatal mice** *JOURNAL OF MOLECULAR AND CELLULAR CARDIOLOGY*  
Zhang, J. C., Woo, Y. J., Chen, J. A., Swain, J. L., Sweeney, H. L.  
1999; 31 (4): 721-732
- **Recombinant adenovirus-mediated cardiac gene transfer of superoxide dismutase and catalase attenuates postischemic contractile dysfunction** *CIRCULATION*  
Woo, Y. J., Zhang, J. C., Vijayasarathy, C., Zwacka, R. M., Englehardt, J. F., Gardner, T. J., Sweeney, H. L.  
1998; 98 (19): II255-II260
- **In utero cardiac gene transfer via intraplacental delivery of recombinant adenovirus** *CIRCULATION*  
Woo, Y. J., Raju, G. P., Swain, J. L., Richmond, M. E., Gardner, T. J., BALICEGORDON, R. J.  
1997; 96 (10): 3561-3569
- **Circulatory management with retrograde cerebral perfusion for acute type A aortic dissection.** *Circulation*  
Bavaria, J. E., Woo, Y. J., Hall, R. A., Wahl, P. M., Acker, M. A., Gardner, T. J.  
1996; 94 (9): III173-6
- **Retrograde cerebral and distal aortic perfusion during ascending and thoracoabdominal aortic surgery** *Annals Thoracic Surg*  
Bavaria, J. E., Woo, Y. J., Hall, R. A., Carpenter, J. P., Gardner, T. J.  
1995; 60: 345-353