




## D. Craig Miller, M.D.

Thelma and Henry Doelger Professor of Cardiovascular Surgery, Emeritus  
Cardiothoracic Surgery

 NIH Biosketch available Online

 Curriculum Vitae available Online

---

### Bio

#### ACADEMIC APPOINTMENTS

- Emeritus Faculty, Acad Council, Cardiothoracic Surgery
- Member, Bio-X
- Member, Cardiovascular Institute

#### HONORS AND AWARDS

- J.E. Wallace Sterling Lifetime Achievement Award in Medicine, Stanford Medicine Alumni Association (2021)
- President, American Association for Thoracic Surgery (AATS) (2007-2008)
- President, Western Thoracic Surgical Association (1994-1995)
- Distinguished Scientist, American Heart Association (AHA) (2003)
- Scientific Achievement Award, American Association for Thoracic Surgery (AATS) (2019)
- Eugene Braunwald Mentorship Award, American Heart Association (AHA) (2009)
- Heller Family Scientific Research Award, The Marfan Foundation (2018)
- Antoine Marfan Award, National Marfan Foundation (2001)
- Wilfred Bigelow Award, Wilfred Bigelow Award, Canadian Cardiovascular Society (2000)
- Earl Bakken Scientific Achievement Award, Society of Thoracic Surgeons (2013)
- Distinguished Achievement Award, American Heart Association (AHA) CVSA Council (2008)
- William W. L. Glenn lecturer, American Heart Association (AHA) (2002)
- David J. Dugan Distinguished Service Award, Western Thoracic Surgical Association (2016)
- Chairman, American Heart Association, Cardiothoracic and Vascular Surgery Council (1995-1997)
- Distinguished Alumni Award, Stanford University Medical School (1997)
- Presidente, Sociedad de Cardiocirujanos (España) (1988)
- Outstanding Achievement in Medicine Award, Santa Clara County Medical Society (2004)
- John W. Kirklin Memorial Lectureship, Mayo Clinic (2016)
- Victor Chang Memorial Lectureship, Cardiac Society of Australia and New Zealand (2016)
- Henry Bahnson Lectureship, University of Pittsburgh (2016)
- Honored Invited Lecturer, Society for Cardiothoracic Surgery in Great Britain and Ireland (2015)
- Keith Reemtsma Lectureship, Columbia College of Physicians and Surgeons (2009)

- Alfred Blalock Lectureship, Johns Hopkins Medical School (2008)
- Thomas Ferguson Lecturer, Washington University School of Medicine (2008)
- James and Virginia Hubbard Lecture, Brigham and Women's Hospital (2005)
- Keynote Honored Lecturer, Japanese Society for Cardiovascular Surgery (2005)
- Mortimer Buckley Lecturer, Massachusetts General Hospital (2004)
- Horace G. Smithy Lecturer, Medical University of South Carolina (2004)
- Stikeman Prize and Visiting Professor, McGill University (2003)
- Keynote Scientific Lecture, Sociedad Espanola de Cirugia Cardiovascular (2002)
- Invited Honorary Lecture, European Association for Cardio-Thoracic Surgery (2001)
- Keynote Address, Scandinavian Association of Thoracic Surgery (1999)
- E. Stanley Crawford Lectureship, Baylor College of Medicine (2008)
- Honored Lecturer, Japanese Association of Cardiac and Thoracic Surgery (1998)
- Rollin Daniel Lecturer, Vanderbilt University Medical School (1998)
- R. T. Hall Lectureship, Cardiac Society of Australia and New Zealand (1990)

## PROFESSIONAL EDUCATION

- none, Dartmouth College , Chemistry/Mathematics (1968)
- B.A., Stanford University , Basic Medical Sciences (1969)
- M.D., Stanford University , Medicine (1972)

## LINKS

- Stanford Adult Cardiac Services: <http://med.stanford.edu/ctsurgery/clinical-care/adult-cardiac-surgery-services.html>
- Make an Appointment: <http://med.stanford.edu/ctsurgery/contact-us.html#division-of-adult-cardiac-surgery>
- Get a Second Opinion: <https://stanfordhealthcare.org/second-opinion/overview.html>
- Follow us on Twitter: <https://twitter.com/StanfordCTSurg>

## Research & Scholarship

---

### CURRENT RESEARCH AND SCHOLARLY INTERESTS

Cardiac and heart valve disease with experimental laboratory large animal projects focused on the investigation of left ventricular and cardiac mechanics, bioenergetics, and LV and mitral valve physiology and pathophysiology. Current thrust is aimed at understanding the mitral valve and subvalvular mitral apparatus and transmural LV wall strains, thickening, and myolaminar fiber-sheet mechanics.

Clinical research interests include thoracic aortic diseases (aortic dissection, aneurysm) and cardiac valvular disease, including surgical treatment, endovascular thoracic aortic stent-graft repair, mitral valve repair, and valve-sparing aortic root replacement.

### CLINICAL TRIALS

- Edwards Partner 3, Recruiting
- The PARTNER II Trial: Placement of Aortic Transcatheter Valves Trial, Not Recruiting
- SURTAVI Single-arm Addendum, Not Recruiting

## Publications

---

### PUBLICATIONS

- **Expanding TAVR Use in Younger Patients and Bicuspid Valves: Risks, Evidence Gaps, and Regulatory Action.** *The Annals of thoracic surgery*  
Miller, D. C.  
2025
- **In Memoriam: Randall B. Griepp (1940-2022): Master Surgeon, Innovator, Scientist, Teacher, and Sailor.** *The Annals of thoracic surgery*  
Lansman, S. L., Miller, D. C.  
2023
- **Association of Thoracic Aortic Aneurysm Size With Long-term Patient Outcomes: The KP-TAA Study.** *JAMA cardiology*  
Solomon, M. D., Leong, T., Sung, S. H., Lee, C., Allen, J. G., Huh, J., LaPunzina, P., Lee, H., Mason, D., Melikian, V., Pellegrini, D., Scoville, D., Sheikh, et al  
2022
- **Midterm outcomes of aortic root surgery in patients with Marfan syndrome: A prospective, multicenter, comparative study.** *The Journal of thoracic and cardiovascular surgery*  
Coselli, J. S., Volguina, I. V., LeMaire, S. A., Connolly, H. M., Sundt, T. M., Milewicz, D. M., Dietz, H. C., Amarasekara, H. S., Green, S. Y., Zhang, Q., Schaff, H. V., Miller, D. C., Aortic Valve Operative Outcomes in Marfan Patients Study Group  
2021
- **Rational Dispersion of TAVR: Failed Expectations and Unintended Consequences.** *Journal of the American College of Cardiology*  
Holmes, D. R., Miller, D. C.  
2021; 78 (8): 807-810
- **Structural Deterioration of Transcatheter Versus Surgical Aortic Valve Bioprostheses in the PARTNER-2 Trial.** *Journal of the American College of Cardiology*  
Pibarot, P., Ternacle, J., Jaber, W. A., Salaun, E., Dahou, A., Asch, F. M., Weissman, N. J., Rodriguez, L., Xu, K., Annabi, M., Guzzetti, E., Beaudoin, J., Bernier, et al  
2020; 76 (16): 1830–43
- **Five-Year Outcomes of Transcatheter or Surgical Aortic-Valve Replacement.** *The New England journal of medicine*  
Makkar, R. R., Thourani, V. H., Mack, M. J., Kodali, S. K., Kapadia, S., Webb, J. G., Yoon, S., Trento, A., Svensson, L. G., Herrmann, H. C., Szeto, W. Y., Miller, D. C., Satler, et al  
2020; 382 (9)
- **Type A Aortic Dissection-Experience Over 5 Decades: JACC Historical Breakthroughs in Perspective.** *Journal of the American College of Cardiology*  
Zhu, Y. n., Lingala, B. n., Baiocchi, M. n., Tao, J. J., Toro Arana, V. n., Khoo, J. W., Williams, K. M., Traboulsi, A. A., Hammond, H. C., Lee, A. M., Hiesinger, W. n., Boyd, J. n., Oyer, et al  
2020; 76 (14): 1703–13
- **Do annuloplasty rings designed to treat ischemic/functional mitral regurgitation alter left-ventricular dimensions in the acutely ischemic ovine heart? JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY**  
Bothe, W., Kvitting, J., Rausch, M. K., Timek, T. A., Swanson, J. C., Liang, D. H., Walther, M., Kuhl, E., Ingels, N. B., Miller, D.  
2019; 158 (4): 1058–68
- **Quality of Life of Patients With Marfan Syndrome After Valve-Sparing or Valve-Replacement Operations.** *Mayo Clinic proceedings*  
Helder, M. R., Schaff, H. V., Lahr, B. D., Miller, D. C., Connolly, H. M.  
2019; 94 (9): 1906–9
- **Inter- and intrasite variability of mortality and stroke for sites performing both surgical and transcatheter aortic valve replacement for aortic valve stenosis in intermediate-risk patients.** *The Journal of thoracic and cardiovascular surgery*  
Greason, K. L., Blackstone, E. H., Rajeswaran, J., Lowry, A. M., Svensson, L. G., Webb, J. G., Tuzcu, E. M., Smith, C. R., Makkar, R. R., Mack, M. J., Thourani, V. H., Kodali, S. K., Leon, et al  
2019

- **Characterization of 3-dimensional papillary muscle displacement in in vivo ovine models of ischemic/functional mitral regurgitation** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Bothe, W., Timek, T. A., Tibayan, F. A., Walther, M., Daughters, G. T., Ingels, N. B., Miller, D.  
2019; 157 (4): 1444–49
- **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
- **3-Year Outcomes After Valve-in-Valve Transcatheter Aortic Valve Replacement for Degenerated Bioprostheses: The PARTNER 2 Registry.** *Journal of the American College of Cardiology*  
Webb, J. G., Murdoch, D. J., Alu, M. C., Cheung, A. n., Crowley, A. n., Dvir, D. n., Herrmann, H. C., Kodali, S. K., Leipsic, J. n., Miller, D. C., Pibarot, P. n., Suri, R. M., Wood, et al  
2019; 73 (21): 2647–55
- **Characterization of 3-dimensional papillary muscle displacement in invivo ovine models of ischemic/functional mitral regurgitation.** *The Journal of thoracic and cardiovascular surgery*  
Bothe, W., Timek, T. A., Tibayan, F. A., Walther, M., Daughters, G. T., Ingels, N. B., Miller, D. C.  
2018
- **Observed to expected 30-day mortality as a benchmark for transcatheter aortic valve replacement.** *The Journal of thoracic and cardiovascular surgery*  
Henn, M. C., Zajarias, A., Quader, N., Sintek, M., Lasala, J. M., Koogler, K., Damiano, M. S., Kachroo, P., Miller, D. C., King, C. R., Melby, S. J., Moon, M. R., Damiano, et al  
2018
- **Acute Limited Intimal Tears of the Thoracic Aorta.** *Journal of the American College of Cardiology*  
Chin, A. S., Willemink, M. J., Kino, A. n., Hinostroza, V. n., Sailer, A. M., Fischbein, M. P., Mitchell, R. S., Berry, G. J., Miller, D. C., Fleischmann, D. n.  
2018; 71 (24): 2773–85
- **Longitudinal Hemodynamics of Transcatheter and Surgical Aortic Valves in the PARTNER Trial** *JAMA CARDIOLOGY*  
Douglas, P. S., Leon, M. B., Mack, M. J., Svensson, L. G., Webb, J. G., Hahn, R. T., Pibarot, P., Weissman, N. J., Miller, C., Kapadia, S., Herrmann, H. C., Kodali, S. K., Makkar, et al  
2017; 2 (11): 1197–1206
- **Effect of Sapien-3 Transcatheter Valve Implant on Health Status in Patients with Severe Aortic Stenosis at Intermediate Surgical Risk: Results from the PARTNER S3i Trial**  
Baron, S., Alu, M., Thourani, V., Kodali, S., Arnold, S., Chinnakondepali, K., Magnuson, E., Wang, K., Pichard, A., Babaliaros, V., George, I., Miller, D., Tuzcu, et al  
ELSEVIER SCIENCE INC.2016: B14
- **Aortic Valve-Sparing Surgery Yes, But Not for Every Patient and Select the Center Very Carefully** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*  
Miller, D.  
2016; 68 (17): 1848–50
- **Evolution of surgical therapy for Stanford acute type A aortic dissection.** *Annals of cardiothoracic surgery*  
Chiu, P., Miller, D. C.  
2016; 5 (4): 275-295
- **5-year outcomes of transcatheter aortic valve replacement compared with standard treatment for patients with inoperable aortic stenosis (PARTNER 1): a randomised controlled trial** *LANCET*  
Kapadia, S. R., Leon, M. B., Makkar, R. R., Tuzcu, E. M., Svensson, L. G., Kodali, S., Webb, J. G., Mack, M. J., Douglas, P. S., Thourani, V. H., Babaliaros, V. C., Herrmann, H. C., Szeto, et al  
2015; 385 (9986): 2485-2491
- **5-year outcomes of transcatheter aortic valve replacement or surgical aortic valve replacement for high surgical risk patients with aortic stenosis (PARTNER 1): a randomised controlled trial** *LANCET*  
Mack, M. J., Leon, M. B., Smith, C. R., Miller, D. C., Moses, J. W., Tuzcu, E. M., Webb, J. G., Douglas, P. S., Anderson, W. N., Blackstone, E. H., Kodali, S. K., Makkar, R. R., Fontana, et al

2015; 385 (9986): 2477-2484

- **Rationale and results of the Stanford modification of the David V reimplantation technique for valve-sparing aortic root replacement** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Miller, D. C.  
2015; 149 (1): 112-114
- **Defining "Severe" Secondary Mitral Regurgitation Emphasizing an Integrated Approach** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*  
Grayburn, P. A., Carabello, B., Hung, J., Gillam, L. D., Liang, D., Mack, M. J., McCarthy, P. M., Miller, D. C., Trento, A., Siegel, R. J.  
2014; 64 (25): 2792-2801
- **Tirone David procedure for bicuspid aortic valve disease: impact of root geometry and valve type on mid-term outcomes†.** *Interactive cardiovascular and thoracic surgery*  
Kari, F. A., Kvitting, J. E., Stephens, E. H., Liang, D. H., Merk, D. R., Fischbein, M. P., Mitchell, R. S., Miller, D. C.  
2014; 19 (3): 375-381
- **Early and 1-year outcomes of aortic root surgery in patients with Marfan syndrome: A prospective, multicenter, comparative study** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Coselli, J. S., Volguina, I. V., LeMaire, S. A., Sundt, T. M., Connolly, H. M., Stephens, E. H., Schaff, H. V., Milewicz, D. M., Vricella, L. A., Dietz, H. C., Minard, C. G., Miller, D. C.  
2014; 147 (6): 1758-1766
- **Another Meiosis in the Specialty of Cardiovascular and Thoracic Surgery Birth of the Purebred "Thoracic Aortic Surgeon"?** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*  
Miller, D.  
2014; 63 (17): 1804-6
- **Incidence and progression of mild aortic regurgitation after Tirone David reimplantation valve-sparing aortic root replacement** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Stephens, E. H., Liang, D. H., Kvitting, J. E., Kari, F. A., Fischbein, M. P., Mitchell, R. S., Miller, D. C.  
2014; 147 (1): 169-?
- **Evaluation of Marfan patients status post valve-sparing aortic root replacement with 4D flow** *MAGNETIC RESONANCE IMAGING*  
Hope, T. A., Kvitting, J. E., Hope, M. D., Miller, D. C., Markl, M., Herfkens, R. J.  
2013; 31 (9): 1479-1484
- **Predictors of Mortality and Outcomes of Therapy in Low-Flow Severe Aortic Stenosis: A Placement of Aortic Transcatheter Valves (PARTNER) Trial Analysis** *CIRCULATION*  
Herrmann, H. C., Pibarot, P., Hueter, I., Gertz, Z. M., Stewart, W. J., Kapadia, S., Tuzcu, E. M., Babaliaros, V., Thourani, V., Szeto, W. Y., Bavaria, J. E., Kodali, S., Hahn, et al  
2013; 127 (23): 2316-2326
- **Aortic Valve and Ascending Aorta Guidelines for Management and Quality Measures** *ANNALS OF THORACIC SURGERY*  
Svensson, L. G., Adams, D. H., Bonow, R. O., Kouchoukos, N. T., Miller, D. C., O'Gara, P. T., Shahian, D. M., Schaff, H. V., Akins, C. W., Bavaria, J. E., Blackstone, E. H., David, T. E., Desai, et al  
2013; 95 (6): S1-S66
- **Sizing for Mitral Annuloplasty: Where Does Science Stop and Voodoo Begin?** *ANNALS OF THORACIC SURGERY*  
Bothe, W., Miller, D. C., Doenst, T.  
2013; 95 (4): 1475-1483
- **Tirone David valve-sparing aortic root replacement and cusp repair for bicuspid aortic valve disease** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Kari, F. A., Liang, D. H., Kvitting, J. E., Stephens, E. H., Mitchell, R. S., Fischbein, M. P., Miller, D. C.  
2013; 145 (3): S35-?
- **Through the looking glass: The first 20 years of thoracic aortic stent-grafting** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Miller, D. C.  
2013; 145 (3): S142-S148

- **David valve-sparing aortic root replacement: Equivalent mid-term outcome for different valve types with or without connective tissue disorder** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Kvitting, J. E., Kari, F. A., Fischbein, M. P., Liang, D. H., Beraud, A., Stephens, E. H., Mitchell, R. S., Miller, D. C.  
2013; 145 (1): 117-?
- **Transcatheter (TAVR) versus surgical (AVR) aortic valve replacement: Occurrence, hazard, risk factors, and consequences of neurologic events in the PARTNER trial** *91st Annual Meeting of the American-Association-for-Thoracic-Surgery*  
Miller, D. C., Blackstone, E. H., Mack, M. J., Svensson, L. G., Kodali, S. K., Kapadia, S., Rajeswaran, J., Anderson, W. N., Moses, J. W., Tuzcu, E. M., Webb, J. G., Leon, M. B., Smith, et al  
MOSBY-ELSEVIER.2012: 832-U368
- **Transcatheter versus Surgical Aortic-Valve Replacement in High-Risk Patients** *NEW ENGLAND JOURNAL OF MEDICINE*  
Smith, C. R., Leon, M. B., Mack, M. J., Miller, C., Moses, J. W., Svensson, L. G., Tuzcu, E. M., Webb, J. G., Fontana, G. P., Makkar, R. R., Williams, M., Dewey, T., Kapadia, et al  
2011; 364 (23): 2187-2198
- **Report on the results of thoracic endovascular aortic repair for acute, complicated, type B aortic dissection at 30 days and 1 year from a multidisciplinary subcommittee of the Society for Vascular Surgery Outcomes Committee** *JOURNAL OF VASCULAR SURGERY*  
White, R. A., Miller, D. C., Criado, F. J., Dake, M. D., Diethrich, E. B., Greenberg, R. K., Piccolo, R. S., Siami, F. S.  
2011; 53 (4): 1082-1090
- **Transcatheter Aortic-Valve Implantation for Aortic Stenosis in Patients Who Cannot Undergo Surgery.** *NEW ENGLAND JOURNAL OF MEDICINE*  
Leon, M. B., Smith, C. R., Mack, M., Miller, D. C., Moses, J. W., Svensson, L. G., Tuzcu, E. M., Webb, J. G., Fontana, G. P., Makkar, R. R., Brown, D. L., Block, P. C., Guyton, et al  
2010; 363 (17): 1597-1607
- **Myofiber angle distributions in the ovine left Ventricle do not conform to computationally optimized predictions** *JOURNAL OF BIOMECHANICS*  
Ennis, D. B., Nguyen, T. C., Riboh, J. C., Wigstroem, L., Harrington, K. B., Daughters, G. T., Ingels, N. B., Miller, D. C.  
2008; 41 (15): 3219-3224
- **Heterogeneity of left ventricular wall thickening mechanisms** *78th Annual Scientific Session of the American-Heart-Association*  
Cheng, A., Nguyen, T. C., Malinowski, M., Daughters, G. T., Miller, D. C., Ingels, N. B.  
LIPPINCOTT WILLIAMS & WILKINS.2008: 713-21
- **The aortopathy of bicuspid aortic valve disease has distinctive patterns and usually involves the transverse aortic arch** *33rd Annual Meeting of the Western-Thoracic-Surgical-Association*  
Fazel, S. S., Mallidi, H. R., Lee, R. S., Sheehan, M. P., Liang, D., Fleischman, D., Herfkens, R., Mitchell, S., Miller, D. C.  
MOSBY-ELSEVIER.2008: 901-U54
- **Expert consensus document on the treatment of descending thoracic aortic disease using endovascular stent-grafts** *ANNALS OF THORACIC SURGERY*  
Svensson, L. G., Kouchoukos, N. T., Miller, D. C., Bavaria, J. E., Coselli, J. S., Curi, M. A., Eggebrecht, H., Elefteriades, J. A., Erbel, R., Gleason, T. G., Lytle, B. W., Mitchell, R. S., Nienaber, et al  
2008; 85 (1): S1-S41
- **Aortic root dynamics and surgery: from craft to science** *PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES*  
Cheng, A., Dagum, P., Miller, D. C.  
2007; 362 (1484): 1407-1419
- **Valve-sparing aortic root replacement: Current state of the art and where are we headed?** *Aortic Surgery Symposium X*  
Miller, D. C.  
ELSEVIER SCIENCE INC.2007: S736-S739
- **Direct measurement of transmural laminar architecture in the anterolateral wall of the ovine left ventricle: new implications for wall thickening mechanics** *AMERICAN JOURNAL OF PHYSIOLOGY-HEART AND CIRCULATORY PHYSIOLOGY*  
Harrington, K. B., Rodriguez, F., Cheng, A., Langer, F., Ashikaga, H., Daughters, G. T., Criscione, J. C., Ingels, N. B., Miller, D. C.  
2005; 288 (3): H1324-H1330

- **Simple modification of "T. David-V" valve-sparing aortic root replacement to create graft pseudosinuses** *ANNALS OF THORACIC SURGERY*  
Demers, P., Miller, D. C.  
2004; 78 (4): 1479-1481
- **Midterm results of endovascular repair of descending thoracic aortic aneurysms with first-generation stent grafts** *29th Annual Meeting of the Western-Thoracic-Surgical-Association*  
Demers, P., Miller, D. C., Mitchell, R. S., Kee, S. T., Sze, D., Razavi, M. K., Dake, M. D.  
MOSBY-ELSEVIER.2004: 664-73
- **Does septal-lateral annular cinching work for chronic ischemic mitral regurgitation?** *29th Annual Meeting of the Western-Thoracic-Surgical-Association*  
Tibayan, F. A., Rodriguez, F., Langer, F., Zasio, M. K., Bailey, L., Liang, D., Daughters, G. T., Ingels, N. B., Miller, D. C.  
MOSBY-ELSEVIER.2004: 654-63
- **Acute type A aortic dissection complicated by aortic regurgitation: Composite valve graft versus separate valve graft versus conservative valve repair** *28th Annual Meeting of the Western-Thoracic-Surgical-Association*  
Lai, D. T., Miller, D. C., Mitchell, R. S., Oyer, P. E., Moore, K. A., Robbins, R. C., Shumway, N. E., Reitz, B. A.  
MOSBY-ELSEVIER.2003: 1978-86
- **Images in cardiovascular medicine. Simultaneous "Tirone David-V" valve-sparing aortic root replacement and radical mitral valve repair for the Marfan syndrome with Barlow syndrome.** *Circulation*  
Demers, P., Liang, D., Miller, D. C.  
2003; 108 (16): e116-7
- **Geometric distortions of the mitral valvular-ventricular complex in chronic ischemic mitral regurgitation.** *Circulation*  
Tibayan, F. A., Rodriguez, F., Zasio, M. K., Bailey, L., Liang, D., Daughters, G. T., Langer, F., Ingels, N. B., Miller, D. C.  
2003; 108: II116-21
- **Valve-sparing aortic root replacement in patients with the Marfan syndrome** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Miller, D. C.  
2003; 125 (4): 773-778
- **Is medical therapy still the optimal treatment strategy for patients with acute type B aortic dissections?** *27th Annual Meeting of the Western-Thoracic-Surgical-Association*  
Umana, J. P., Lai, D. T., Mitchell, R. S., Moore, K. A., Rodriguez, F., Robbins, R. C., Oyer, P. E., Dake, M. D., Shumway, N. E., Reitz, B. A., Miller, D. C.  
MOSBY-ELSEVIER.2002: 896-910
- **Does profound hypothermic circulatory arrest improve survival in patients with acute type a aortic dissection?** *Circulation*  
Lai, D. T., Robbins, R. C., Mitchell, R. S., Moore, K. A., Oyer, P. E., Shumway, N. E., Reitz, B. A., Miller, D. C.  
2002; 106 (12): I218-28
- **Prognosis of aortic intramural hematoma with and without penetrating atherosclerotic ulcer - A clinical and radiological analysis** *CIRCULATION*  
Ganaha, F., Miller, C., Sugimoto, K., Do, Y. S., Minamiguchi, H., Saito, H., Mitchell, R. S., Dake, M. D.  
2002; 106 (3): 342-348
- **Septal-lateral annular cinching abolishes acute ischemic mitral regurgitation** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Timek, T. A., Lai, D. T., Tibayan, F., Liang, D., Daughters, G. T., Dagum, P., Ingels, N. B., Miller, D. C.  
2002; 123 (5): 881-888
- **Torsion dynamics in the evolution from acute to chronic mitral regurgitation** *1st Biennial Meeting of the Society-for-Heart-Valve-Disease*  
Tibayan, F. A., Yun, K. L., Lai, D. T., Timek, T. A., Daughters, G. T., Ingels, N. B., Miller, D. C.  
I C R PUBLISHERS.2002: 39-46
- **Edge-to-edge mitral repair - Tension on the approximating suture and leaflet deformation during acute ischemic mitral regurgitation in the ovine heart** *CIRCULATION*  
Nielsen, S. L., Timek, T. A., Lai, D. T., Daughters, G. T., Liang, D., Hasenkam, J. M., Ingels, N. B., Miller, D. C.  
2001; 104 (12): I29-I35

- **Endovascular stent-graft placement for the treatment of acute aortic dissection** *NEW ENGLAND JOURNAL OF MEDICINE*  
Dake, M. D., Kato, N., Mitchell, R. S., Semba, C. P., Razavi, M. K., Shimono, T., Hirano, T., Takeda, K., Yada, I., Miller, D. C.  
1999; 340 (20): 1546-1552
- **Replacement of the aortic root in patients with Marfan's syndrome** *NEW ENGLAND JOURNAL OF MEDICINE*  
Gott, V. L., Greene, P. S., Alejo, D. E., Cameron, D. E., Naftel, D. C., Miller, D. C., Gillinov, A. M., Laschinger, J. C., Pyeritz, R. E.  
1999; 340 (17): 1307-1313
- **The "first generation" of endovascular stent-grafts for patients with aneurysms of the descending thoracic aorta** *78th Annual Meeting of the American-Association-for-Thoracic-Surgery*  
Dake, M. D., Miller, D. C., Mitchell, R. S., Semba, C. P., Moore, K. A., Sakai, T.  
MOSBY-ELSEVIER.1998: 689-703
- **TRANSLUMINAL PLACEMENT OF ENDOVASCULAR STENT-GRAFTS FOR THE TREATMENT OF DESCENDING THORACIC AORTIC-ANEURYSMS** *NEW ENGLAND JOURNAL OF MEDICINE*  
Dake, M. D., Miller, D. C., Semba, C. P., Mitchell, R. S., Walker, P. J., Liddell, R. P.  
1994; 331 (26): 1729-1734
- **The continuing dilemma concerning medical versus surgical management of patients with acute type B dissections.** *Seminars in thoracic and cardiovascular surgery*  
Miller, D. C.  
1993; 5 (1): 33-46
- **Global and regional left ventricular systolic performance in the in situ ejecting canine heart. Importance of the mitral apparatus.** *Circulation*  
Sarris, G. E., Fann, J. I., Niczyporuk, M. A., Derby, G. C., Handen, C. E., Miller, D. C.  
1989; 80 (3): 124-42
- **PHYSIOLOGIC ROLE OF THE MITRAL APPARATUS IN LEFT-VENTRICULAR REGIONAL MECHANICS, CONTRACTION SYNERGY, AND GLOBAL SYSTOLIC PERFORMANCE** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Hansen, D. E., Sarris, G. E., Niczyporuk, M. A., Derby, G. C., CAHILL, P. D., Miller, D. C.  
1989; 97 (4): 521-533
- **Valvular-ventricular interaction: the importance of the mitral chordae tendineae in terms of global left ventricular systolic function.** *Journal of cardiac surgery*  
Sarris, G. E., Miller, D. C.  
1988; 3 (3): 215-234
- **RESTORATION OF LEFT-VENTRICULAR SYSTOLIC PERFORMANCE AFTER REATTACHMENT OF THE MITRAL CHORDAE TENDINEAE - THE IMPORTANCE OF VALVULAR-VENTRICULAR INTERACTION** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Sarris, G. E., CAHILL, P. D., Hansen, D. E., Derby, G. C., Miller, D. C.  
1988; 95 (6): 969-979
- **TORSIONAL DEFORMATION OF THE LEFT-VENTRICULAR MIDWALL IN HUMAN HEARTS WITH INTRAMYOCARDIAL MARKERS - REGIONAL HETEROGENEITY AND SENSITIVITY TO THE INOTROPIC EFFECTS OF ABRUPT RATE CHANGES** *CIRCULATION RESEARCH*  
Hansen, D. E., Daughters, G. T., Alderman, E. L., Ingels, N. B., Miller, D. C.  
1988; 62 (5): 941-952
- **Reproducibility of the 2020 Society for Vascular Surgery/Society of Thoracic Surgeons Reporting Standards for Uncomplicated Type B Aortic Dissection.** *Radiology. Cardiothoracic imaging*  
Sriprachyakul, A., Mastrodicasa, D., Willemink, M. J., Mistelbauer, G., Shen, J., Yang, I., Hallett, R. L., Malik, S. B., Madani, M. H., Lai, K. M., Hinostroza, V., Stern, J. R., Tran, et al  
2025; 7 (6): e240325
- **Loeys-Dietz syndrome subtypes exhibit distinct clinical behavior and aortic cellular transcriptomic profiles.** *JTCVS open*  
Pedroza, A. J., Dalal, A. R., Kim, J., Duda, M., Tognozzi, E., Gilles, C., Miller, D. C., Fischbein, M. P.  
2025; 26: 1-14
- **Angiosarcoma Beneath a Bleeding Aneurysmal Veil.** *JACC. Case reports*  
Fereydooni, A., George, E. L., Pedroza, A. J., Miller, D. C., Liang, D. H., Stern, J. R.  
2025; 30 (13): 103548

- **Predicting Late Adverse Events in Uncomplicated Stanford Type B Aortic Dissection: Results From the ROADMAP Validation Study.** *Circulation. Cardiovascular imaging*  
Fleischmann, D., Mastrodicasa, D., Willeminck, M. J., Turner, V. L., Hinostrroza, V., Burris, N. S., Yang, B., Hanneman, K., Ouzounian, M., Ocazonez Trujillo, D., Affi, R. O., Estrera, A. L., Lacomis, et al  
2025; 18 (2): e016766
- **Fate of the unoperated ascending thoracic aortic aneurysm-patient selection and the importance of the denominator.** *European heart journal*  
Solomon, M. D., Liang, D. H., Miller, D. C.  
2023
- **Registry of Aortic Diseases to Model Adverse Events and Progression (ROADMAP) in Uncomplicated Type B Aortic Dissection: Study Design and Rationale.** *Radiology. Cardiothoracic imaging*  
Mastrodicasa, D., Willeminck, M. J., Turner, V. L., Hinostrroza, V., Codari, M., Hanneman, K., Ouzounian, M., Ocazonez Trujillo, D., Affi, R. O., Hedgire, S., Burris, N. S., Yang, B., Lacomis, et al  
2022; 4 (6): e220039
- **Inter-observer variability of expert-derived morphologic risk predictors in aortic dissection.** *European radiology*  
Willeminck, M. J., Mastrodicasa, D., Madani, M. H., Codari, M., Chepelev, L. L., Mistelbauer, G., Hanneman, K., Ouzounian, M., Ocazonez, D., Affi, R. O., Lacomis, J. M., Lovato, L., Pacini, et al  
2022
- **CTA pulmonary artery enlargement in patients with severe aortic stenosis: Prognostic impact after TAVR.** *Journal of cardiovascular computed tomography*  
Turner, V. L., Jubran, A., Kim, J. B., Maret, E., Moneghetti, K. J., Haddad, F., Amsallem, M., Codari, M., Hinostrroza, V., Mastrodicasa, D., Sailer, A. M., Kobayashi, Y., Nishi, et al  
2021
- **Repair of extra-anatomic bypass graft structural degeneration and pseudoaneurysm with endovascular stent-graft relining.** *JTCVS techniques*  
Stephens, E. H., Fleischmann, D., Starr, A., Miller, D. C.  
2020; 3: 259-262
- **Outcome of Flow-Gradient Patterns of Aortic Stenosis After Aortic Valve Replacement: An Analysis of the PARTNER 2 Trial and Registry.** *Circulation. Cardiovascular interventions*  
Salaun, E., Clavel, M., Hahn, R. T., Jaber, W. A., Asch, F. M., Rodriguez, L., Weissman, N. J., Gertz, Z. M., Herrmann, H. C., Dahou, A., Annabi, M., Toubal, O., Bernier, et al  
2020; 13 (7): e008792
- **2018 AATS/ACC/SCAI/STS Expert Consensus Systems of Care Document: Operator and institutional recommendations and requirements for transcatheter aortic valve replacement** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Bavaria, J. E., Tommaso, C. L., Brindis, R. G., Carroll, J. D., Deeb, G., Feldman, T. E., Gleason, T. G., Horlick, E. M., Kavinsky, C. J., Kumbhani, D. J., Miller, D., Seals, A., Shahian, et al  
2019; 157 (3): E77–E111
- **Observed to expected 30-day mortality as a benchmark for transcatheter aortic valve replacement**  
Henn, M. C., Zajarias, A., Quader, N., Sintek, M., Lasala, J. M., Koogler, K., Damiano, M. S., Kachroo, P., Miller, D., King, C., Melby, S. J., Moon, M. R., Damiano, et al  
MOSBY-ELSEVIER.2019: 874+
- **Impact of Short-Term Complications on Mortality and Quality of Life After Transcatheter Aortic Valve Replacement.** *JACC. Cardiovascular interventions*  
Arnold, S. V., Zhang, Y., Baron, S. J., McAndrew, T. C., Alu, M. C., Kodali, S. K., Kapadia, S., Thourani, V. H., Miller, D. C., Mack, M. J., Leon, M. B., Cohen, D. J.  
2019; 12 (4): 362–69
- **2018 AATS/ACC/SCAI/STS Expert Consensus Systems of Care Document: Operator and Institutional Recommendations and Requirements for Transcatheter Aortic Valve Replacement** *ANNALS OF THORACIC SURGERY*  
Bavaria, J. E., Tommaso, C. L., Brindis, R. G., Carroll, J. D., Deeb, G., Feldman, T. E., Gleason, T. G., Horlick, E. M., Kavinsky, C. J., Kumbhani, D. J., Miller, D., Seals, A., Shahian, et al  
2019; 107 (2): 650–84

- **Do annuloplasty rings designed to treat ischemic/functional mitral regurgitation alter left-ventricular dimensions in the acutely ischemic ovine heart?** *The Journal of thoracic and cardiovascular surgery*  
Bothe, W., Escobar Kvitting, J., Rausch, M. K., Timek, T. A., Swanson, J. C., Liang, D. H., Walther, M., Kuhl, E., Ingels, N. B., Miller, D. C.  
2019
- **Aortic growth and development of partial false lumen thrombosis are associated with late adverse events in type B aortic dissection.** *The Journal of thoracic and cardiovascular surgery*  
Higashigaito, K. n., Sailer, A. M., van Kuijk, S. M., Willemink, M. J., Hahn, L. D., Hastie, T. J., Miller, D. C., Fischbein, M. P., Fleischmann, D. n.  
2019
- **Incremental Value of Aortomitral Continuity Calcification for Risk Assessment after Transcatheter Aortic Valve Replacement.** *Radiology. Cardiothoracic imaging*  
Willemink, M. J., Maret, E. n., Moneghetti, K. J., Kim, J. B., Haddad, F. n., Kobayashi, Y. n., Nishi, T. n., Nieman, K. n., Cauwenberghs, N. n., Kuznetsova, T. n., Higashigaito, K. n., Sailer, A. M., Yeung, et al  
2019; 1 (5): e190067
- **Stroke After Surgical Versus Transfemoral Transcatheter Aortic Valve Replacement in the PARTNER Trial** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*  
Kapadia, S. R., Huded, C. P., Kodali, S. K., Svensson, L. G., Tuzcu, E., Baron, S. J., Cohen, D. J., Miller, D., Thourani, V. H., Herrmann, H. C., Mack, M. J., Szerlip, M., Makkar, et al  
2018; 72 (20): 2415–26
- **Stroke After Surgical Versus Transfemoral Transcatheter Aortic Valve Replacement in the PARTNER Trial.** *Journal of the American College of Cardiology*  
Kapadia, S. R., Huded, C. P., Kodali, S. K., Svensson, L. G., Tuzcu, E. M., Baron, S. J., Cohen, D. J., Miller, D. C., Thourani, V. H., Herrmann, H. C., Mack, M. J., Szerlip, M., Makkar, et al  
2018; 72 (20): 2415–26
- **Cytokines profile of reverse cardiac remodeling following transcatheter aortic valve replacement** *INTERNATIONAL JOURNAL OF CARDIOLOGY*  
Kim, J., Kobayashi, Y., Kuznetsova, T., Moneghetti, K. J., Brenner, D. A., O'Malley, R., Dao, C., Wu, J. C., Fischbein, M., 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
- **Outcomes in 937 Intermediate-Risk Patients Undergoing Surgical Aortic Valve Replacement in PARTNER-2A** *ANNALS OF THORACIC SURGERY*  
Thourani, V. H., Forcillo, J., Szeto, W. Y., Kodali, S. K., Blackstone, E. H., Lowry, A. M., Semple, M., Rajeswaran, J., Makkar, R. R., Williams, M. R., Bavaria, J. E., Herrmann, H. C., Maniar, et al  
2018; 105 (5): 1322–29
- **IMPACT OF AORTIC ROOT REPAIR ON QUALITY OF LIFE IN PATIENTS WITH MARFAN SYNDROME: COMPARISON OF VALVE-SPARING VERSUS VALVE-REPLACEMENT PROCEDURES**  
Helder, M., Schaff, H., Lahr, B., Miller, D., Connolly, H.  
ELSEVIER SCIENCE INC.2018: 563
- **PREDICTING MORTALITY WITH AORTOMITRAL CALCIFICATIONS IN 317 TAVR PATIENTS**  
Willemink, 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
- **Transapical Transcatheter Aortic Valve Replacement Is Associated With Increased Cardiac Mortality in Patients With Left Ventricular Dysfunction Insights From the PARTNER I Trial** *JACC-CARDIOVASCULAR INTERVENTIONS*  
Elmariah, S., Fearon, W. F., Inglessis, I., Vlahakes, G. J., Lindman, B. R., Alu, M. C., Crowley, A., Kodali, S., Leon, M. B., Svensson, L., Pibarot, P., Hahn, R. T., Thourani, et al  
2017; 10 (23): 2414–22

- **Staging classification of aortic stenosis based on the extent of cardiac damage** *EUROPEAN HEART JOURNAL*  
Geneux, P., Pibarot, P., Redfors, B., Mack, M. J., Makkar, R. R., Jaber, W. A., Svensson, L. G., Kapadia, S., Tuzcu, E., Thourani, V. H., Babaliaros, V., Herrmann, H. C., Szeto, et al  
2017; 38 (45): 3351-+
- **Impact of Peri-procedural Complications on Mortality and Quality of Life after TAVR**  
Arnold, S., Zhang, Y., Baron, S., McAndrew, T., Alu, M., Kodali, S., Kapadia, S., Thourani, V., Miller, D., Mack, M., Leon, M., Cohen, D.  
ELSEVIER SCIENCE INC.2017: B109-B110
- **Neurologic Events in Patients Treated with Surgical Versus Transfemoral Transcatheter Aortic Valve Replacement: Insights from the PARTNER (Placement of Aortic Transcatheter Valves) Trial**  
Kapadia, S., Huded, C., Kodali, S., Svensson, L., Tuzcu, E., Miller, D., Thourani, V., Herrmann, H., Mack, M., Szerlip, M., Makkar, R., Webb, J., Smith, et al  
ELSEVIER SCIENCE INC.2017: B143
- **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
- **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
- **Transcatheter Aortic Valve Implantation Within Degenerated Aortic Surgical Bioprostheses PARTNER 2 Valve-in-Valve Registry** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*  
Webb, J. G., Mack, M. J., White, J. M., Dvir, D., Blanke, P., Herrmann, H. C., Leipsic, J., Kodali, S. K., Makkar, R., Miller, D. C., Pibarot, P., Pichard, A., Satler, et al  
2017; 69 (18): 2253-2262
- **Computed Tomography Imaging Features in Acute Uncomplicated Stanford Type-B Aortic Dissection Predict Late Adverse Events** *CIRCULATION-CARDIOVASCULAR IMAGING*  
Sailer, A. M., Van Kuijk, S. M., Nelemans, P. J., Chin, A. S., Kino, A., Huininga, M., Schmidt, J., Mistelbauer, G., Baeumler, K., Chiu, P., Fischbein, M. P., Dake, M. D., Miller, et al  
2017; 10 (4)
- **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
- **Transcatheter Aortic Valve Replacement for Failed Surgical Bioprostheses: Insights from the PARTNER II Valve-in-Valve Registry on Utilizing Baseline Computed-Tomographic Assessment** *STRUCTURAL HEART-THE JOURNAL OF THE HEART TEAM*  
Dvir, D., Webb, J. G., Blanke, P., Park, J. K., Mack, M., Pibarot, P., Dewey, T., Herrmann, H. C., Kapadia, S., Kodali, S., Makkar, R., Greason, K., Miller, et al  
2017; 1 (1-2): 34-39
- **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. n., Moneghetti, K. J., Brenner, D. A., O'Malley, R. n., Schnittger, I. n., Wu, J. C., Murtagh, G. n., Beshiri, A. n., Fischbein, M. n., Miller, D. C., Liang, D. n., Yeung, et al  
2017; 10 (12)
- **Prognostic significance of early aortic remodeling in acute uncomplicated type B aortic dissection and intramural hematoma.** *The Journal of thoracic and cardiovascular surgery*  
Sailer, A. M., Nelemans, P. J., Hastie, T. J., Chin, A. S., Huininga, M. n., Chiu, P. n., Fischbein, M. P., Dake, M. D., Miller, D. C., Schurink, G. W., Fleischmann, D. n.  
2017; 154 (4): 1192-1200

- **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  
ELSEVIER SCIENCE INC.2016: B298
- **Insights Into Timing, Risk Factors, and Outcomes of Stroke and Transient Ischemic Attack After Transcatheter Aortic Valve Replacement in the PARTNER Trial (Placement of Aortic Transcatheter Valves).** *Circulation. Cardiovascular interventions*  
Kapadia, S., Agarwal, S., Miller, D. C., Webb, J. G., Mack, M., Ellis, S., Herrmann, H. C., Pichard, A. D., Tuzcu, E. M., Svensson, L. G., Smith, C. R., Rajeswaran, J., Ehrlinger, et al  
2016; 9 (9)
- **Evaluation of Flow After Transcatheter Aortic Valve Replacement in Patients With Low-Flow Aortic Stenosis: A Secondary Analysis of the PARTNER Randomized Clinical Trial.** *JAMA cardiology*  
Anjan, V. Y., Herrmann, H. C., Pibarot, P., Stewart, W. J., Kapadia, S., Tuzcu, E. M., Babaliaros, V., Thourani, V. H., Szeto, W. Y., Bavaria, J. E., Kodali, S., Hahn, R. T., Williams, et al  
2016; 1 (5): 584-592
- **Extracellular matrix remodeling in wound healing of critical size defects in the mitral valve leaflet** *HEART AND VESSELS*  
Stephens, E. H., Nguyen, T. C., Blazejewski, J. G., Vekilov, D. P., Connell, J. P., Itoh, A., Ingels, N. B., Miller, D., Grande-Allen, K.  
2016; 31 (7): 1186-95
- **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
- **The Outcomes of Transcatheter Aortic Valve Replacement in a Cohort of Patients with End-Stage Renal Disease** *CATHETERIZATION AND CARDIOVASCULAR INTERVENTIONS*  
Szerlip, M., Kim, R. J., Adeniyi, T., Thourani, V., Babaliaros, V., Bavaria, J., Herrmann, H. C., Anwaruddin, S., Makkar, R., Chakravarty, T., Rovin, J., Creighton, D., Miller, et al  
2016; 87 (7): 1314-21
- **Transcatheter aortic valve replacement versus surgical valve replacement in intermediate-risk patients: a propensity score analysis** *LANCET*  
Thourani, V. H., Kodali, S., Makkar, R. R., Herrmann, H. C., Williams, M., Babaliaros, V., Smalling, R., Lim, S., Malaisrie, S. C., Kapadia, S., Szeto, W. Y., Greason, K. L., Kereiakes, et al  
2016; 387 (10034): 2218-2225
- **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
- **Giant Pulmonary Artery Aneurysm in a Patient With Marfan Syndrome and Pulmonary Hypertension.** *Circulation*  
Chiu, P., Irons, M., van de Rijn, M., Liang, D. H., Miller, D. C.  
2016; 133 (12): 1218-1221
- **Descending aortic replacement after Nuss for pectus excavatum in a Marfan patient-Case report** *INTERNATIONAL JOURNAL OF SURGERY CASE REPORTS*  
Jaroszewski, D., Ewais, M., DeValeria, P., Gotway, M., Miller, D.  
2016; 21: 16-19
- **Pre- and Postoperative Imaging of the Aortic Root.** *Radiographics*  
Hanneman, K., Chan, F. P., Mitchell, R. S., Miller, D. C., Fleischmann, D.  
2016; 36 (1): 19-37
- **Atrial Fibrillation Is Associated With Increased Mortality in Patients Undergoing Transcatheter Aortic Valve Replacement: Insights From the Placement of Aortic Transcatheter Valve (PARTNER) Trial.** *Circulation. Cardiovascular interventions*  
Biviano, A. B., Nazif, T., Dizon, J., Garan, H., Fleitman, J., Hassan, D., Kapadia, S., Babaliaros, V., Xu, K., Parvataneni, R., Rodes-Cabau, J., Szeto, W. Y., Fearon, et al  
2016; 9 (1): e002766

- **Atrial Fibrillation Is Associated With Increased Mortality in Patients Undergoing Transcatheter Aortic Valve Replacement Insights From the Placement of Aortic Transcatheter Valve (PARTNER) Trial** *CIRCULATION-CARDIOVASCULAR INTERVENTIONS*  
Biviano, A. B., Nazif, T., Dizon, J., Garan, H., Fleitman, J., Hassan, D., Kapadia, S., Babaliaros, V., Xu, K., Parvataneni, R., Rodes-Cabau, J., Szeto, W. Y., Fearon, et al  
2016; 9 (1)
- **A Randomized Evaluation of the SAPIEN XT Transcatheter Heart Valve System in Patients With Aortic Stenosis Who Are Not Candidates for Surgery** *JACC-CARDIOVASCULAR INTERVENTIONS*  
Webb, J. G., Doshi, D., Mack, M. J., Makkar, R., Smith, C. R., Pichard, A. D., Kodali, S., Kapadia, S., Miller, D. C., Babaliaros, V., Thourani, V., Herrmann, H. C., Bodenhamer, et al  
2015; 8 (14): 1797-1806
- **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
- **Risk stratification in patients with pulmonary hypertension undergoing transcatheter aortic valve replacement.** *Heart*  
Lindman, B. R., Zajarias, A., Maniar, H. S., Miller, D. C., Suri, R. M., Arnold, S. V., Webb, J., Svensson, L. G., Kodali, S., Xu, K., Ayele, G. M., Lin, F., Wong, et al  
2015; 101 (20): 1656-1664
- **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
- **Aortic Valve Repair** *SEMINARS IN THORACIC AND CARDIOVASCULAR SURGERY*  
David, T. E., Coselli, J. S., El Khoury, G., Miller, D., Svensson, L. G.  
2015; 27 (3): 271-87
- **Appropriate patient selection or health care rationing? Lessons from surgical aortic valve replacement in the Placement of Aortic Transcatheter Valves I trial** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Szeto, W. Y., Svensson, L. G., Rajeswaran, J., Ehrlinger, J., Suri, R. M., Smith, C. R., Mack, M., Miller, D. C., McCarthy, P. M., Bavaria, J. E., Cohn, L. H., Corso, P. J., Guyton, et al  
2015; 150 (3): 557-567
- **Response to Letter Regarding Article, "Long-Term Outcomes of Inoperable Patients With Aortic Stenosis Randomly Assigned to Transcatheter Aortic Valve Replacement or Standard Therapy".** *Circulation*  
Kapadia, S. R., Tuzcu, E. M., Makkar, R. R., Svensson, L. G., Agarwal, S., Kodali, S., Fontana, G. P., Webb, J. G., Mack, M., Thourani, V. H., Babaliaros, V. C., Herrmann, H. C., Szeto, et al  
2015; 132 (6): e118-9
- **SCAI/AATS/ACC/STS operator and institutional requirements for transcatheter valve repair and replacement, Part III: Pulmonic valve** *CATHETERIZATION AND CARDIOVASCULAR INTERVENTIONS*  
Hijazi, Z. M., Ruiz, C. E., Zahn, E., Ringel, R., Aldea, G. S., Bacha, E. A., Bavaria, J., Bolman, R. M., Cameron, D. E., Dean, L. S., Feldman, T., Fullerton, D., Horlick, et al  
2015; 86 (1): 85-93
- **Geometric perturbations in multiheaded papillary tip positions associated with acute ovine ischemic mitral regurgitation** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Timek, T. A., Lai, D. T., Bothe, W., Liang, D., Daughters, G. T., Ingels, N. B., Miller, D. C.  
2015; 150 (1): 232-237
- **Greater asymmetric wall shear stress in Sievers' type 1/LR compared with 0/LAT bicuspid aortic valves after valve-sparing aortic root replacement** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Stephens, E. H., Hope, T. A., Kari, F. A., Kvitting, J. E., Liang, D. H., Herfkens, R. J., Miller, D. C.  
2015; 150 (1): 59-68
- **SCAI/AATS/ACC/STS Operator and Institutional Requirements for Transcatheter Valve Repair and Replacement, Part III: Pulmonic Valve** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*

- Hijazi, Z. M., Ruiz, C. E., Zahn, E., Ringel, R., Aldea, G. S., Bacha, E. A., Bavaria, J., Bolman, R. M., Cameron, D. E., Dean, L. S., Feldman, T., Fullerton, D., Horlick, et al  
2015; 65 (23): 2556-2563
- **Propensity-matched comparisons of clinical outcomes after transapical or transfemoral transcatheter aortic valve replacement: a placement of aortic transcatheter valves (PARTNER)-I trial substudy.** *Circulation*  
Blackstone, E. H., Suri, R. M., Rajeswaran, J., Babaliaros, V., Douglas, P. S., Fearon, W. F., Miller, D. C., Hahn, R. T., Kapadia, S., Kirtane, A. J., Kodali, S. K., Mack, M., Szeto, et al  
2015; 131 (22): 1989-2000
  - **Heterogeneity of Mitral Leaflet Matrix Composition and Turnover Correlates with Regional Leaflet Strain** *CARDIOVASCULAR ENGINEERING AND TECHNOLOGY*  
Stephens, E. H., Connell, P. S., Fahrenholtz, M. M., Timek, T. A., Daughters, G. T., Kuo, J. J., Patton, A. M., Ingels, N. B., Miller, D., Grande-Allen, K.  
2015; 6 (2): 141-50
  - **Cellular and Extracellular Matrix Basis for Heterogeneity in Mitral Annular Contraction** *CARDIOVASCULAR ENGINEERING AND TECHNOLOGY*  
Stephens, E. H., Fahrenholtz, M. M., Connell, P. S., Timek, T. A., Daughters, G. T., Kuo, J. J., Patton, A. M., Ingels, N. B., Miller, D., Grande-Allen, K.  
2015; 6 (2): 151-59
  - **SCAI/AATS/ACC/STS Operator and Institutional Requirements for Transcatheter Valve Repair and Replacement, Part III: Pulmonic Valve** *ANNALS OF THORACIC SURGERY*  
Hijazi, Z. M., Ruiz, C. E., Zahn, E., Ringel, R., Aldea, G. S., Bacha, E. A., Bavaria, J., Bolman, R. M., Cameron, D. E., Dean, L. S., Feldman, T., Fullerton, D., Horlick, et al  
2015; 99 (5): 1857-1864
  - **SCAI/AATS/ACC/STS operator and institutional requirements for transcatheter valve repair and replacement, part III: Pulmonic valve** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Hijazi, Z. M., Ruiz, C. E., Zahn, E., Ringel, R., Aldea, G. S., Bacha, E. A., Bavaria, J., Bolman, R. M., Cameron, D. E., Dean, L. S., Feldman, T., Fullerton, D., Horlick, et al  
2015; 149 (5): E71-E78
  - **Effect of tricuspid regurgitation and the right heart on survival after transcatheter aortic valve replacement: insights from the Placement of Aortic Transcatheter Valves II inoperable cohort.** *Circulation. Cardiovascular interventions*  
Lindman, B. R., Maniar, H. S., Jaber, W. A., Lerakis, S., Mack, M. J., Suri, R. M., Thourani, V. H., Babaliaros, V., Kereiakes, D. J., Whisenant, B., Miller, D. C., Tuzcu, E. M., Svensson, et al  
2015; 8 (4)
  - **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
  - **Outcomes of Inoperable Symptomatic Aortic Stenosis Patients Not Undergoing Aortic Valve Replacement Insight Into the Impact of Balloon Aortic Valvuloplasty From the PARTNER Trial (Placement of AoRtic TraNscathetER Valve Trial)** *JACC-CARDIOVASCULAR INTERVENTIONS*  
Kapadia, S., Stewart, W. J., Anderson, W. N., Babaliaros, V., Feldman, T., Cohen, D. J., Douglas, P. S., Makkar, R. R., Svensson, L. G., Webb, J. G., Wong, S. C., Brown, D. L., Miller, et al  
2015; 8 (2): 324-333
  - **Rationale and results of the Stanford modification of the David V reimplantation technique for valve-sparing aortic root replacement (Reprinted from J Thorac Cardiovasc Surg, vol 149, pg 112, 2015)** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Miller, D.  
2015; 149 (2): S18-S20
  - **Emergency, automation off: Unstructured transition timing for distracted drivers of automated vehicles** *Proceedings of the 18th IEEE International Conference on Intelligent Transportation Systems*  
Mok, B., Johns, M., Lee, K., Miller, D., Sirkin, D., Ju, W.  
2015
  - **Predictors and Clinical Outcomes of Permanent Pacemaker Implantation After Transcatheter Aortic Valve Replacement The PARTNER (Placement of AoRtic TraNscathetER Valves) Trial and Registry** *JACC-CARDIOVASCULAR INTERVENTIONS*

- Nazif, T. M., Dizon, J. M., Hahn, R. T., Xu, K., Babaliaros, V., Douglas, P. S., El-Chami, M. F., Herrmann, H. C., Mack, M., Makkar, R. R., Miller, C., Pichard, A., Tuzcu, et al  
2015; 8 (1): 60-69
- **Defining "severe" secondary mitral regurgitation: emphasizing an integrated approach.** *Journal of the American College of Cardiology*  
Grayburn, P. A., Carabello, B., Hung, J., Gillam, L. D., Liang, D., Mack, M. J., McCarthy, P. M., Miller, D. C., Trento, A., Siegel, R. J.  
2014; 64 (25): 2792-2801
  - **The relative performance characteristics of the logistic European System for Cardiac Operative Risk Evaluation score and the Society of Thoracic Surgeons score in the Placement of Aortic Transcatheter Valves trial.** *journal of thoracic and cardiovascular surgery*  
Beohar, N., Whisenant, B., Kirtane, A. J., Leon, M. B., Tuzcu, E. M., Makkar, R., Svensson, L. G., Miller, D. C., Smith, C. R., Pichard, A. D., Herrmann, H. C., Thourani, V. H., Szeto, et al  
2014; 148 (6): 2830-7 e1
  - **The relative performance characteristics of the logistic European System for Cardiac Operative Risk Evaluation score and the Society of Thoracic Surgeons score in the Placement of Aortic Transcatheter Valves trial** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Beohar, N., Whisenant, B., Kirtane, A. J., Leon, M. B., Tuzcu, E. M., Makkar, R., Svensson, L. G., Miller, D. C., Smith, C. R., Pichard, A. D., Herrmann, H. C., Thourani, V. H., Szeto, et al  
2014; 148 (6): 2830-U1495
  - **Long-Term Outcomes of Inoperable Patients With Aortic Stenosis Randomly Assigned to Transcatheter Aortic Valve Replacement or Standard Therapy** *CIRCULATION*  
Kapadia, S. R., Tuzcu, E. M., Makkar, R. R., Svensson, L. G., Agarwal, S., Kodali, S., Fontana, G. P., Webb, J. G., Mack, M., Thourani, V. H., Babaliaros, V. C., Herrmann, H. C., Szeto, et al  
2014; 130 (17): 1483-U106
  - **SCAI/AATS/ACC/STS Operator and Institutional Requirements for Transcatheter Valve Repair and Replacement. Part II. Mitral Valve** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*  
Tommaso, C. L., Fullerton, D. A., Feldman, T., Dean, L. S., Hijazi, Z. M., Horlick, E., Weiner, B. H., Zahn, E., Cigarroa, J. E., Ruiz, C. E., Bavaria, J., Mack, M. J., Cameron, et al  
2014; 64 (14): 1515-1526
  - **SCAI/AATS/ACC/STS operator and institutional requirements for transcatheter valve repair and replacement. Part II. mitral valve.** *Journal of the American College of Cardiology*  
Tommaso, C. L., Fullerton, D. A., Feldman, T., Dean, L. S., Hijazi, Z. M., Horlick, E., Weiner, B. H., Zahn, E., Cigarroa, J. E., Ruiz, C. E., Bavaria, J., Mack, M. J., Cameron, et al  
2014; 64 (14): 1515-26
  - **Temporal Changes in Survival after Cardiac Surgery Are Associated with the Thirty-Day Mortality Benchmark** *HEALTH SERVICES RESEARCH*  
Maxwell, B. G., Wong, J. K., Miller, D., Lobato, R. L.  
2014; 49 (5): 1659-69
  - **SCAI/AATS/ACC/STS Operator and Institutional Requirements for Transcatheter Valve Repair and Replacement. Part II. Mitral Valve** *CATHETERIZATION AND CARDIOVASCULAR INTERVENTIONS*  
Tommaso, C. L., Fullerton, D. A., Feldman, T., Dean, L. S., Hijazi, Z. M., Horlick, E., Weiner, B. H., Zahn, E., Cigarroa, J. E., Ruiz, C. E., Bavaria, J., Mack, M. J., Cameron, et al  
2014; 84 (4): 567-80
  - **Incidence and Sequelae of Prosthesis-Patient Mismatch in Transcatheter Versus Surgical Valve Replacement in High-Risk Patients With Severe Aortic Stenosis A PARTNER Trial Cohort-A Analysis** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*  
Pibarot, P., Weissman, N. J., Stewart, W. J., Hahn, R. T., Lindman, B. R., McAndrew, T., Kodali, S. K., Mack, M. J., Thourani, V. H., Miller, C., Svensson, L. G., Herrmann, H. C., Smith, et al  
2014; 64 (13): 1323-1334
  - **SCAI/AATS/ACC/STS operator and institutional requirements for transcatheter valve repair and replacement. Part II. Mitral valve.** *journal of thoracic and cardiovascular surgery*  
Tommaso, C. L., Fullerton, D. A., Feldman, T., Dean, L. S., Hijazi, Z. M., Horlick, E., Weiner, B. H., Zahn, E., Cigarroa, J. E., Ruiz, C. E., Bavaria, J., Mack, M. J., Cameron, et al  
2014; 148 (2): 387-400

- **SCAI/AATS/ACC/STS Operator and Institutional Requirements for Transcatheter Valve Repair and Replacement: Part II. Mitral Valve.** *Annals of thoracic surgery*  
Tommaso, C. L., Fullerton, D. A., Feldman, T., Dean, L. S., Hijazi, Z. M., Horlick, E., Weiner, B. H., Zahn, E., Cigarroa, J. E., Ruiz, C. E., Bavaria, J., Mack, M. J., Cameron, et al  
2014; 98 (2): 765-777
- **Comprehensive Analysis of Mortality Among Patients Undergoing TAVR: Results of the PARTNER Trial.** *Journal of the American College of Cardiology*  
Svensson, L. G., Blackstone, E. H., Rajeswaran, J., Brozzi, N., Leon, M. B., Smith, C. R., Mack, M., Miller, D. C., Moses, J. W., Tuzcu, E. M., Webb, J. G., Kapadia, S., Fontana, et al  
2014; 64 (2): 158-168
- **Early Regression of Severe Left Ventricular Hypertrophy After Transcatheter Aortic Valve Replacement Is Associated With Decreased Hospitalizations** *JACC-CARDIOVASCULAR INTERVENTIONS*  
Lindman, B. R., Stewart, W. J., Pibarot, P., Hahn, R. T., Otto, C. M., Xu, K., Devereux, R. B., Weissman, N. J., Enriquez-Sarano, M., Szeto, W. Y., Makkar, R., Miller, D. C., Lerakis, et al  
2014; 7 (6): 662-673
- **SINGLE-CENTER ACUTE AORTIC SYNDROME REGISTRY: A 10-YEAR EXPERIENCE OF "CLASS 3" LIMITED DISSECTION OF THE AORTA**  
Chin, A. S., Kino, A., Berry, G., Rosenberg, J., Fischbein, M., Miller, D., Fleischmann, D.  
ELSEVIER SCIENCE INC.2014: A1000
- **Aortic wall thickness: an independent risk factor for aortic dissection?** *journal of heart valve disease*  
Shiran, H., Odegaard, J., Berry, G., Miller, D. C., Fischbein, M., Liang, D.  
2014; 23 (1): 17-24
- **Impact of Preoperative Moderate/Severe Mitral Regurgitation on 2-Year Outcome After Transcatheter and Surgical Aortic Valve Replacement Insight From the Placement of Aortic Transcatheter Valve (PARTNER) Trial Cohort A** *CIRCULATION*  
Barbanti, M., Webb, J. G., Hahn, R. T., Feldman, T., Boone, R. H., Smith, C. R., Kodali, S., Zajarias, A., Thompson, C. R., Green, P., Babaliaros, V., Makkar, R. R., Szeto, et al  
2013; 128 (25): 2776-?
- **Transapical Aortic Valve Replacement for Severe Aortic Stenosis: Results From the Nonrandomized Continued Access Cohort of the PARTNER Trial** *ANNALS OF THORACIC SURGERY*  
Dewey, T. M., Bowers, B., Thourani, V. H., Babaliaros, V., Smith, C. R., Leon, M. B., Svensson, L. G., Tuzcu, E. M., Miller, D. C., Teirstein, P. S., Tyner, J., Brown, D. L., Fontana, et al  
2013; 96 (6): 2083-2089
- **Regression of Severe Left Ventricular Hypertrophy After Transcatheter Valve Replacement for Aortic Stenosis: Impact on Clinical Outcomes in PARTNER Cohort A**  
Lindman, B. R., Stewart, W., Pibarot, P., Hahn, R. T., Weissman, N. J., McAndrew, T. C., Szeto, W. Y., Makkar, R., Miller, D., Babaliaros, V., Kapadia, S., Bowers, B., Greason, et al  
LIPPINCOTT WILLIAMS & WILKINS.2013
- **Left Ventricular Ejection Fraction Improves Less after Trans-Apical Transcatheter Aortic Valve Replacement Compared to a Trans-Femoral Approach**  
Fearon, W. F., Elmariah, S., McAndrew, T., Vlahakes, G. J., Fischbein, M., Liang, D., Kodali, S., Leon, M., Svensson, L., Pibarot, P., Douglas, P., Passeri, J. J., Dewey, et al  
ELSEVIER SCIENCE INC.2013: B36
- **Mechanics of the Mitral Annulus in Chronic Ischemic Cardiomyopathy** *ANNALS OF BIOMEDICAL ENGINEERING*  
Rausch, M. K., Tibayan, F. A., Ingels, N. B., Miller, D. C., Kuhl, E.  
2013; 41 (10): 2171-2180
- **Mechanics of the mitral valve** *BIOMECHANICS AND MODELING IN MECHANOBIOLOGY*  
Rausch, M. K., Famaey, N., Shultz, T. O., Bothe, W., Miller, D. C., Kuhl, E.  
2013; 12 (5): 1053-1071
- **Mechanics of the mitral valve: a critical review, an in vivo parameter identification, and the effect of prestrain.** *Biomechanics and modeling in mechanobiology*  
Rausch, M. K., Famaey, N., Shultz, T. O., Bothe, W., Miller, D. C., Kuhl, E.

2013; 12 (5): 1053-1071

- **Aortic Valve and Ascending Aorta Guidelines for Management and Quality Measures: Executive Summary** *ANNALS OF THORACIC SURGERY*  
Svensson, L. G., Adams, D. H., Bonow, R. O., Kouchoukos, N. T., Miller, D. C., O'Gara, P. T., Shahian, D. M., Schaff, H. V., Akins, C. W., Bavaria, J., Blackstone, E. H., David, T. E., Desai, et al  
2013; 95 (4): 1491-1505
- **Implementation of Echocardiography Core Laboratory Best Practices: A Case Study of the PARTNER I Trial** *JOURNAL OF THE AMERICAN SOCIETY OF ECHOCARDIOGRAPHY*  
Douglas, P. S., Waugh, R. A., Bloomfield, G., Dunn, G., Davis, L., Hahn, R. T., Pibarot, P., Stewart, W. J., Weissman, N. J., Hueter, I., Siegel, R., Lerakis, S., Miller, et al  
2013; 26 (4): 348-?
- **Cost-Effectiveness of Transcatheter Aortic Valve Replacement Compared With Surgical Aortic Valve Replacement in High-Risk Patients With Severe Aortic Stenosis Results of the PARTNER (Placement of Aortic Transcatheter Valves) Trial (Cohort A)** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*  
Reynolds, M. R., Magnuson, E. A., Lei, Y., Wang, K., Vilain, K., Li, H., Walczak, J., Pinto, D. S., Thourani, V. H., Svensson, L. G., Mack, M. J., Miller, D. C., Satler, et al  
2012; 60 (25): 2683-2692
- **Comparison of Aortic Root Diameter to Left Ventricular Outflow Diameter Versus Body Surface Area in Patients With Marfan Syndrome** *AMERICAN JOURNAL OF CARDIOLOGY*  
Shiran, H., Haddad, F., Miller, D. C., Liang, D.  
2012; 110 (10): 1518-1522
- **Iatrogenic Giant Coronary Artery Pseudoaneurysm With "Daughter Aneurysm" Formation Serial Imaging Findings and Natural History** *JOURNAL OF THORACIC IMAGING*  
Cabarrus, M., Yang, B., Schiller, N., Miller, D. C., Ordovas, K.  
2012; 27 (6): W185-W187
- **Evidence of adaptive mitral leaflet growth** *JOURNAL OF THE MECHANICAL BEHAVIOR OF BIOMEDICAL MATERIALS*  
Rausch, M. K., Tibayan, F. A., Miller, D. C., Kuhl, E.  
2012; 15: 208-217
- **Contemporary Results for Proximal Aortic Replacement in North America** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*  
Williams, J. B., Peterson, E. D., Zhao, Y., O'Brien, S. M., Andersen, N. D., Miller, D. C., Chen, E. P., Hughes, G. C.  
2012; 60 (13): 1156-1162
- **How Do Annuloplasty Rings Affect Mitral Annular Strains in the Normal Beating Ovine Heart?** *Meeting of the American-Heart-Association*  
Bothe, W., Rausch, M. K., Kvitting, J. E., Echtner, D. K., Walther, M., Ingels, N. B., Kuhl, E., Miller, D. C.  
LIPPINCOTT WILLIAMS & WILKINS.2012: S231-S238
- **Bicuspid aortic valve configuration and aortopathy pattern might represent different pathophysiologic substrates** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Kari, F. A., Fazel, S. S., Mitchell, R. S., Fischbein, M. P., Miller, D. C.  
2012; 144 (2): 516-517
- **Vagal nerve stimulation reduces anterior mitral valve leaflet stiffness in the beating ovine heart** *JOURNAL OF BIOMECHANICS*  
Swanson, J. C., Krishnamurthy, G., Itoh, A., Kvitting, J. E., Bothe, W., Miller, D. C., Ingels, N. B.  
2012; 45 (11): 2007-2013
- **Multisociety (AATS, ACCF, SCAI, and STS) expert consensus statement: Operator and institutional requirements for transcatheter valve repair and replacement, part 1: Transcatheter aortic valve replacement** *CATHERIZATION AND CARDIOVASCULAR INTERVENTIONS*  
Tommaso, C. L., Bolman, R. M., Feldman, T., Bavaria, J., Acker, M. A., Aldea, G., Cameron, D. E., Dean, L. S., Fullerton, D., Hijazi, Z. M., Horlick, E., Miller, D. C., Moon, et al  
2012; 80 (1): 1-17
- **Multisociety (AATS, ACCF, SCAI, and STS) expert consensus statement: Operator and institutional requirements for transcatheter valve repair and replacement, part 1: Transcatheter aortic valve replacement** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Tommaso, C. L., Bolman, R. M., Feldman, T., Bavaria, J., Acker, M. A., Aldea, G., Cameron, D. E., Dean, L. S., Fullerton, D., Hijazi, Z. M., Horlick, E., Miller, D. C., Moon, et al

2012; 143 (6): 1254-?

- **Multisociety (AATS, ACCF, SCAI, and STS) Expert Consensus Statement: Operator and Institutional Requirements for Transcatheter Valve Repair and Replacement, Part 1: Transcatheter Aortic Valve Replacement** *ANNALS OF THORACIC SURGERY*  
Tommaso, C. L., Bolman, R. M., Feldman, T., Bavaria, J., Acker, M. A., Aldea, G., Cameron, D. E., Dean, L. S., Fullerton, D., Hijazi, Z. M., Horlick, E., Miller, D. C., Moon, et al  
2012; 93 (6): 2093-2110
- **Multisociety (AATS, ACCF, SCAI, and STS) Expert Consensus Statement: Operator and Institutional Requirements for Transcatheter Valve Repair and Replacement, Part 1: Transcatheter Aortic Valve Replacement** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*  
Tommaso, C. L., Bolman, R. M., Feldman, T., Bavaria, J., Acker, M. A., Aldea, G., Cameron, D. E., Dean, L. S., Fullerton, D., Hijazi, Z. M., Horlick, E., Miller, D. C., Moon, et al  
2012; 59 (22): 2028-2042
- **Two-Year Outcomes after Transcatheter or Surgical Aortic-Valve Replacement** *NEW ENGLAND JOURNAL OF MEDICINE*  
Kodali, S. K., Williams, M. R., Smith, C. R., Svensson, L. G., Webb, J. G., Makkar, R. R., Fontana, G. P., Dewey, T. M., Thourani, V. H., Pichard, A. D., Fischbein, M., Szeto, W. Y., Lim, et al  
2012; 366 (18): 1686-1695
- **Kinematics of cardiac growth: In vivo characterization of growth tensors and strains** *JOURNAL OF THE MECHANICAL BEHAVIOR OF BIOMEDICAL MATERIALS*  
Tsamis, A., Cheng, A., Nguyen, T. C., Langer, F., Miller, D. C., Kuhl, E.  
2012; 8: 165-177
- **AORTIC WALL THICKNESS MAY BE AN INDEPENDENT RISK FACTOR FOR AORTIC DISSECTION** *61st Annual Scientific Session and Expo of the American-College-of-Cardiology (ACC)/Conference on ACC-i2 with TCT*  
Shiran, H., Odegaard, J., Berry, G., Miller, D. C., Fischbein, M., Liang, D.  
ELSEVIER SCIENCE INC.2012: E831-E831
- **COMPUTED TOMOGRAPHY BASED PREDICTION OF ANGIOGRAPHIC DEPLOYMENT ANGLES MAY REDUCE PROCEDURE TIME AND CONTRAST MEDIUM VOLUME FOR TRANSCATHETER AORTIC VALVE REPLACEMENT** *61st Annual Scientific Session and Expo of the American-College-of-Cardiology (ACC)/Conference on ACC-i2 with TCT*  
Fleischmann, D., Dao, C., Blake, T., Boas, F. E., Liang, D., Yeung, A., Fearon, W., Fischbein, M., Miller, D. C.  
ELSEVIER SCIENCE INC.2012: E1199-E1199
- **ACCURACY AND REPRODUCIBILITY OF CONTRAST ENHANCED AND NON-ENHANCED COMPUTED TOMOGRAPHY FOR PREDICTING THE ANGIOGRAPHIC DEPLOYMENT ANGLE IN TRANSCATHETER AORTIC VALVE REPLACEMENT (TAVR)** *61st Annual Scientific Session and Expo of the American-College-of-Cardiology (ACC)/Conference on ACC-i2 with TCT*  
Dao, C. N., Blake, T., Liang, D., Fischbein, M. P., Yeung, A., Fearon, W., Miller, D. C., Fleischmann, D.  
ELSEVIER SCIENCE INC.2012: E1195-E1195
- **Mitral Valve Annuloplasty A Quantitative Clinical and Mechanical Comparison of Different Annuloplasty Devices** *ANNALS OF BIOMEDICAL ENGINEERING*  
Rausch, M. K., Bothe, W., Kvitting, J. E., Swanson, J. C., Miller, D. C., Kuhl, E.  
2012; 40 (3): 750-761
- **Contribution of myocardium overlying the anterolateral papillary muscle to left ventricular deformation** *AMERICAN JOURNAL OF PHYSIOLOGY-HEART AND CIRCULATORY PHYSIOLOGY*  
Itoh, A., Stephens, E. H., Ennis, D. B., Carlhall, C., Bothe, W., Nguyen, T. C., Swanson, J. C., Miller, D. C., Ingels, N. B.  
2012; 302 (1): H180-H187
- **CHRONIC MITRAL VALVE LEAFLET GROWTH FOLLOWING MYOCARDIAL INFARCTION** *ASME Summer Bioengineering Conference (SBC)*  
Rausch, M. K., Tibayan, F. A., Miller, D. C., Kuhl, E.  
AMER SOC MECHANICAL ENGINEERS.2012: 1015-1016
- **Intraoperative Conversion after Surgical Failure An Overlooked Complication of Aortic Root Replacement in Marfan Patients?** *TEXAS HEART INSTITUTE JOURNAL*  
Volguina, I. V., LeMaire, S. A., Palmero, L. C., Miller, D. C., Coselli, J. S.  
2011; 38 (6): 684-686
- **How do Annuloplasty Rings Affect Mitral Annular Strains in the Beating Ovine Heart?** *Scientific Sessions of the American-Heart-Association/ Resuscitation Science Symposium*

- Bothe, W., Rausch, M. K., Kvitting, J. E., Ehtner, D. K., Ingels, N. B., Kuhl, E., Miller, D. C.  
LIPPINCOTT WILLIAMS & WILKINS.2011
- **The Presence of Two Local Myocardial Sheet Populations Confirmed by Diffusion Tensor MRI and Histological Validation** *JOURNAL OF MAGNETIC RESONANCE IMAGING*  
Kung, G. L., Tom C Nguyen, T. C., Itoh, A., Skare, S., Ingels, N. B., Miller, D. C., Ennis, D. B.  
2011; 34 (5): 1080-1091
  - **Active contraction of cardiac muscle: In vivo characterization of mechanical activation sequences in the beating heart** *JOURNAL OF THE MECHANICAL BEHAVIOR OF BIOMEDICAL MATERIALS*  
Tsamis, A., Bothe, W., Kvitting, J. E., Swanson, J. C., Miller, D. C., Kuhl, E.  
2011; 4 (7): 1167-1176
  - **Another multidisciplinary look at ischemic mitral regurgitation.** *Seminars in thoracic and cardiovascular surgery*  
Timek, T. A., Miller, D. C.  
2011; 23 (3): 220-231
  - **Rigid, Complete Annuloplasty Rings Increase Anterior Mitral Leaflet Strains in the Normal Beating Ovine Heart** *Annual Meeting of the American-Heart-Association*  
Bothe, W., Kuhl, E., Kvitting, J. E., Rausch, M. K., Goektepe, S., Swanson, J. C., Farahmandnia, S., Ingels, N. B., Miller, D. C.  
LIPPINCOTT WILLIAMS & WILKINS.2011: S81–S96
  - **Characterization of Mitral Valve Annular Dynamics in the Beating Heart** *ANNALS OF BIOMEDICAL ENGINEERING*  
Rausch, M. K., Bothe, W., Kvitting, J. E., Swanson, J. C., Ingels, N. B., Miller, D. C., Kuhl, E.  
2011; 39 (6): 1690-1702
  - **Multiple mitral leaflet contractile systems in the beating heart** *JOURNAL OF BIOMECHANICS*  
Swanson, J. C., Krishnamurthy, G., Itoh, A., Kvitting, J. E., Bothe, W., Miller, D. C., Ingels, N. B.  
2011; 44 (7): 1328-1333
  - **In vivo dynamic strains of the ovine anterior mitral valve leaflet** *JOURNAL OF BIOMECHANICS*  
Rausch, M. K., Bothe, W., Kvitting, J. E., Goektepe, S., Miller, D. C., Kuhl, E.  
2011; 44 (6): 1149-1157
  - **Electromechanical coupling between the atria and mitral valve** *AMERICAN JOURNAL OF PHYSIOLOGY-HEART AND CIRCULATORY PHYSIOLOGY*  
Swanson, J. C., Krishnamurthy, G., Kvitting, J. E., Miller, D. C., Ingels, N. B.  
2011; 300 (4): H1267-H1273
  - **Effects of different annuloplasty ring types on mitral leaflet tenting area during acute myocardial ischemia** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Bothe, W., Kvitting, J. E., Stephens, E. H., Swanson, J. C., Liang, D. H., Ingels, N. B., Miller, D. C.  
2011; 141 (2): 345-353
  - **Standardized Endpoint Definitions for Transcatheter Aortic Valve Implantation Clinical Trials A Consensus Report From the Valve Academic Research Consortium** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*  
Leon, M. B., Piazza, N., Nikolsky, E., Blackstone, E. H., Cutlip, D. E., Kappetein, A. P., Krucoff, M. W., Mack, M., Mehran, R., Miller, C., Morel, M., Petersen, J., Popma, et al  
2011; 57 (3): 253-269
  - **Standardized endpoint definitions for transcatheter aortic valve implantation clinical trials: a consensus report from the Valve Academic Research Consortium** *EUROPEAN HEART JOURNAL*  
Leon, M. B., Piazza, N., Nikolsky, E., Blackstone, E. H., Cutlip, D. E., Kappetein, A. P., Krucoff, M. W., Mack, M., Mehran, R., Miller, C., Morel, M., Petersen, J., Popma, et al  
2011; 32 (2): 205-U144
  - **Functional Coupling of Valvular Interstitial Cells and Collagen Via alpha(2)beta(1) Integrins in the Mitral Leaflet** *CELLULAR AND MOLECULAR BIOENGINEERING*  
Stephens, E. H., Durst, C. A., Swanson, J. C., Grande-Allen, K. J., Ingels, N. B., Miller, D. C.  
2010; 3 (4): 428-437

- **FUNCTIONAL COUPLING OF VALVULAR INTERSTITIAL CELLS AND COLLAGEN VIA  $\alpha 2\beta 1$  INTEGRINS IN THE MITRAL LEAFLET.** *Cellular and molecular bioengineering*  
Stephens, E. H., Durst, C. A., Swanson, J. C., Grande-Allen, K. J., Ingels, N. B., Miller, D. C.  
2010; 3 (4): 428-437
- **Rigid, Complete Annuloplasty Rings Increase Anterior Mitral Leaflet Strains in the Normal Beating Ovine Heart**  
Bothe, W., Kuhl, E., Kvitting, J. E., Rausch, M. K., Goektepe, S., Swanson, J. C., Ingels, N. B., Miller, D. C.  
LIPPINCOTT WILLIAMS & WILKINS.2010
- **Health-Related Quality of Life After Transcatheter Aortic Valve Implantation vs. Non-Surgical Therapy Among Inoperable Patients With Severe Aortic Stenosis: Results From the Randomized PARTNER Trial (Cohort B)**  
Cohen, D. J., Reynolds, M. R., Lei, Y., Mahoney, E. M., Svensson, L. G., Tuzcu, E. M., Moses, J. W., Webb, J. G., Mack, M., Miller, D. C., Pichard, A., Makkar, R., Herrmann, et al  
LIPPINCOTT WILLIAMS & WILKINS.2010: 2223
- **Anterior Mitral Leaflet Curvature During the Cardiac Cycle in the Normal Ovine Heart** *CIRCULATION*  
Kvitting, J. E., Bothe, W., Goektepe, S., Rausch, M. K., Swanson, J. C., Kuhl, E., Ingels, N. B., Miller, D. C.  
2010; 122 (17): 1683-1689
- **"Peninsula- Style" Transverse Aortic Arch Replacement in Patients With Bicuspid Aortic Valve** *ANNALS OF THORACIC SURGERY*  
Itoh, A., Fischbein, M., Arata, K., Miller, D. C.  
2010; 90 (4): 1369-1371
- **How do annuloplasty rings affect mitral leaflet dynamic motion?** *EUROPEAN JOURNAL OF CARDIO-THORACIC SURGERY*  
Bothe, W., Kvitting, J. E., Swanson, J. C., Goektepe, S., Vo, K. N., Ingels, N. B., Miller, D. C.  
2010; 38 (3): 340-349
- **Early outcomes of deliberate nonoperative management for blunt thoracic aortic injury in trauma** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Caffarelli, A. D., Mallidi, H. R., Maggio, P. M., Spain, D. A., Miller, D. C., Mitchell, R. S.  
2010; 140 (3): 598-605
- **How much septal-lateral mitral annular reduction do you get with new ischemic/functional mitral regurgitation annuloplasty rings?** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Bothe, W., Swanson, J. C., Ingels, N. B., Miller, D. C.  
2010; 140 (1): 117-U142
- **Determinants of Evolution and Progression of Acute Ovine Ischemic Mitral Regurgitation** *JOURNAL OF HEART VALVE DISEASE*  
Timek, T. A., Lai, D. T., Liang, D., Daughters, G. T., Ingels, N. B., Miller, D. C.  
2010; 19 (4): 420-426
- **Transient stiffening of mitral valve leaflets in the beating heart** *AMERICAN JOURNAL OF PHYSIOLOGY-HEART AND CIRCULATORY PHYSIOLOGY*  
Krishnamurthy, G., Itoh, A., Swanson, J. C., Miller, D. C., Ingels, N. B.  
2010; 298 (6): H2221-H2225
- **The 2008 Scientific Achievement Award recipient: Andrew S. Wechsler, MD** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Cohn, L. H., Miller, D.  
2010; 139 (6): 1367-68
- **Anterior mitral leaflet curvature in the beating ovine heart: a case study using videofluoroscopic markers and subdivision surfaces** *BIOMECHANICS AND MODELING IN MECHANOBIOLOGY*  
Goektepe, S., Bothe, W., Kvitting, J. E., Swanson, J. C., Ingels, N. B., Miller, D. C., Kuhl, E.  
2010; 9 (3): 281-293
- **Anterior mitral leaflet curvature in the beating ovine heart: a case study using videofluoroscopic markers and subdivision surfaces.** *Biomechanics and modeling in mechanobiology*  
Göktepe, S., Bothe, W., Kvitting, J. E., Swanson, J. C., Ingels, N. B., Miller, D. C., Kuhl, E.  
2010; 9 (3): 281-293
- **Effects of different annuloplasty rings on anterior mitral leaflet dimensions** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*

- Bothe, W., Kvitting, J. E., Swanson, J. C., Hartnett, S., Ingels, N. B., Miller, D. C.  
2010; 139 (5): 1114-1122
- **Electro-Mechanical Coupling between the Atria and Mitral Valve**  
Swanson, J. C., Krishnamurthy, G., Kvitting, J. E., Miller, D. C., Ingels, N. B.  
KARGER.2010: 287-88
  - **Regional stiffening of the mitral valve anterior leaflet in the beating ovine heart** *JOURNAL OF BIOMECHANICS*  
Krishnamurthy, G., Itoh, A., Swanson, J. C., Bothe, W., Karlsson, M., Kuhl, E., Miller, D. C., Ingels, N. B.  
2009; 42 (16): 2697-2701
  - **Mitral annular hinge motion contribution to changes in mitral septal-lateral dimension and annular area** *88th Annual Meeting of the American-Association-for-Thoracic-Surgery*  
Itoh, A., Ennis, D. B., Bothe, W., Swanson, J. C., Krishnamurthy, G., Nguyen, T. C., Ingels, N. B., Miller, D. C.  
MOSBY-ELSEVIER.2009: 1090-99
  - **Releasable annuloplasty ring insertion - a novel experimental implantation model** *EUROPEAN JOURNAL OF CARDIO-THORACIC SURGERY*  
Bothe, W., Chang, P. A., Swanson, J. C., Itoh, A., Arata, K., Ingels, N. B., Miller, D. C.  
2009; 36 (5): 830-832
  - **Regional Mitral Leaflet Opening During Acute Ischemic Mitral Regurgitation** *4th Biennial Meeting of the Society-for-Heart-Valve-Disease*  
Bothe, W., Ennis, D. B., Carlhall, C. J., Nguyen, T. C., Timek, T. A., Lai, D. T., Itoh, A., Ingels, N. B., Miller, D. C.  
I C R PUBLISHERS.2009: 586-96
  - **Significant Changes in Mitral Valve Leaflet Matrix Composition and Turnover With Tachycardia-Induced Cardiomyopathy** *81st Annual Scientific Session of the American-Heart-Association*  
Stephens, E. H., Timek, T. A., Daughters, G. T., Kuo, J. J., Patton, A. M., Baggett, L. S., Ingels, N. B., Miller, D. C., Grande-Allen, K. J.  
LIPPINCOTT WILLIAMS & WILKINS.2009: S112-S119
  - **Characterization of Mitral Valve Anterior Leaflet Perfusion Patterns** *81st Annual Scientific Session of the American-Heart-Association*  
Swanson, J. C., Davis, L. R., Arata, K., Briones, E. P., Bothe, W., Itoh, A., Ingels, N. B., Miller, D. C.  
I C R PUBLISHERS.2009: 488-95
  - **Stress-strain behavior of mitral valve leaflets in the beating ovine heart** *JOURNAL OF BIOMECHANICS*  
Krishnamurthy, G., Itoh, A., Bothe, W., Swanson, J. C., Kuhl, E., Karlsson, M., Miller, D. C., Ingels, N. B.  
2009; 42 (12): 1909-1916
  - **Multiplanar Reconstruction of Three-Dimensional Transthoracic Echocardiography Improves the Presurgical Assessment of Mitral Prolapse** *JOURNAL OF THE AMERICAN SOCIETY OF ECHOCARDIOGRAPHY*  
Beraud, A., Schnittger, I., Miller, D. C., Liang, D. H.  
2009; 22 (8): 907-913
  - **Presystolic mitral annular septal-lateral shortening is independent from left atrial and left ventricular contraction during acute volume depletion** *22nd Annual Meeting of the European-Association-for-Cardio-Thoracic-Surgery*  
Bothe, W., Nguyen, T. C., Roberts, M. E., Timek, T. A., Itoh, A., Ingels, N. B., Miller, D. C.  
ELSEVIER SCIENCE BV.2009: 236-43
  - **Infolding and collapse of thoracic endoprostheses: Manifestations and treatment options** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Sze, D. Y., Mitchell, R. S., Miller, D. C., Fleischmann, D., Frisoli, J. K., Kee, S. T., Verma, A., Sheehan, M. P., Dake, M. D.  
2009; 138 (2): 324-333
  - **Long-Term Durability of Open Thoracic and Thoracoabdominal Aneurysm Repair** *SEMINARS IN VASCULAR SURGERY*  
Fischbein, M. P., Miller, D. C.  
2009; 22 (2): 74-80
  - **Transmural Strains in the Ovine Left Ventricular Lateral Wall During Diastolic Filling** *JOURNAL OF BIOMECHANICAL ENGINEERING-TRANSACTIONS OF THE ASME*  
Kindberg, K., Carlhall, C., Karlsson, M., Nguyen, T. C., Cheng, A., Langer, F., Rodriguez, F., Daughters, G. T., Miller, D. C., Ingels, N. B.  
2009; 131 (6)

- **Valve-sparing and valve-replacing techniques for aortic root replacement in patients with Marfan syndrome: Analysis of early outcome.** *journal of thoracic and cardiovascular surgery*  
Volguina, I. V., Miller, D. C., LeMaire, S. A., Palmero, L. C., Wang, X. L., Connolly, H. M., Sundt, T. M., Bavaria, J. E., Dietz, H. C., Milewicz, D. M., Coselli, J. S.  
2009; 137 (5): 1124-1132
- **Factors Portending Endoleak Formation After Thoracic Aortic Stent-Graft Repair of Complicated Aortic Dissection** *CIRCULATION-CARDIOVASCULAR INTERVENTIONS*  
Sze, D. Y., Van den Bosch, M. A., Dake, M. D., Miller, D. C., Hofmann, L. V., Varghese, R., Malaisrie, S. C., van der Starre, P. J., Rosenberg, J., Mitchell, R. S.  
2009; 2 (2): 105-112
- **Reduced Systolic Torsion in Chronic "Pure" Mitral Regurgitation** *CIRCULATION-CARDIOVASCULAR IMAGING*  
Ennis, D. B., Nguyen, T. C., Itoh, A., Bothe, W., Liang, D. H., Ingels, N. B., Miller, D. C.  
2009; 2 (2): 85-92
- **Valve-sparing and valve-replacing techniques for aortic root replacement in patients with Marfan syndrome: Analysis of early outcome**  
Volguina, I. V., Miller, C., LeMaire, S. A., Palmero, L. C., Wang, X., Connolly, H. M., Sundt, T. M., Bavaria, J. E., Dietz, H. C., Milewicz, D. M., Coselli, J. S., Behalf Aortic Valve Operative Outc  
MOSBY-ELSEVIER.2009: 641-49
- **QUANTIFICATION OF IN VIVO STRESSES IN THE OVINE ANTERIOR MITRAL VALVE LEAFLET** *ASME Summer Bioengineering Conference*  
Krishnamurthy, G., Ltoh, A., Bothe, W., Ennis, D. B., Swanson, J. C., Kuhl, E., Miller, D. C., Ingels, N. B.  
AMER SOC MECHANICAL ENGINEERS.2009: 131-132
- **BICUSPID AORTOPATHY OR BICUSPID AORTOPATHIES? THE RISK IN GENERALIZING** Reply *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Fazel, S. S., Miller, D.  
2008; 136 (6): 1604-6
- **Pre- and Postoperative Imaging of the Aortic Root for Valve-Sparing Aortic Root Repair (V-SARR)** *SEMINARS IN THORACIC AND CARDIOVASCULAR SURGERY*  
Fleischmann, D., Liang, D. H., Mitchell, R., Miller, D.  
2008; 20 (4): 365-73
- **Acute Aortic Syndromes: New Insights from Electrocardiographically Gated Computed Tomography** *SEMINARS IN THORACIC AND CARDIOVASCULAR SURGERY*  
Fleischmann, D., Mitchell, R., Miller, D.  
2008; 20 (4): 340-47
- **Dynamic Characterization of Mitral Valve Anterior Leaflet Perfusion Pattern**  
Swanson, J. C., Davis, L. R., Arata, K., Briones, E. P., Itoh, A., Bothe, W., Chang, P. A., Ingels, N. B., Miller, D. C.  
LIPPINCOTT WILLIAMS & WILKINS.2008: S1071
- **Significant Changes in Mitral Valve Leaflet Matrix Composition and Turnover with Dilated Cardiomyopathy**  
Stephens, E. H., Timek, T., Daughters, G. T., Ingels, N. B., Miller, D. C., Grande-Allen, K.  
LIPPINCOTT WILLIAMS & WILKINS.2008: S700
- **Alterations in transmural myocardial strain - An early marker of left ventricular dysfunction in mitral regurgitation?** *80th Annual Scientific Session of the American-Heart-Association (AHA)*  
Carlhaell, C. J., Nguyen, T. C., Itoh, A., Ennis, D. B., Bothe, W., Liang, D., Ingels, N. B., Miller, D. C.  
LIPPINCOTT WILLIAMS & WILKINS.2008: S256-S262
- **The effects of mitral regurgitation alone are sufficient for leaflet remodeling** *80th Annual Scientific Session of the American-Heart-Association (AHA)*  
Stephens, E. H., Nguyen, T. C., Itoh, A., Ingels, N. B., Miller, D. C., Grande-Allen, K. J.  
LIPPINCOTT WILLIAMS & WILKINS.2008: S243-S249
- **The effect of pure mitral regurgitation on mitral annular geometry and three-dimensional saddle shape** *87th Annual Meeting of the American-Association-for-Thoracic-Surgery*  
Nguyen, T. C., Itoh, A., Carlhall, C. J., Bothe, W., Timek, T. A., Ennis, D. B., Oakes, R. A., Liang, D., Daughters, G. T., Ingels, N. B., Miller, D. C.

MOSBY-ELSEVIER.2008: 557-65

- **Material properties of the ovine mitral valve anterior leaflet in vivo from inverse finite element analysis** *AMERICAN JOURNAL OF PHYSIOLOGY-HEART AND CIRCULATORY PHYSIOLOGY*  
Krishnamurthy, G., Ennis, D. B., Itoh, A., Bothe, W., Swanson, J. C., Karlsson, M., Kuhl, E., Miller, D. C., Ingels, N. B.  
2008; 295 (3): H1141-H1149
- **Complicated acute type B aortic dissection: Midterm results of emergency endovascular stent-grafting** *31st Annual Meeting of the Western-Thoracic-Surgical-Association*  
Verhoye, J. P., Miller, D. C., Sze, D., Dake, M. D., Mitchell, R. S.  
MOSBY-ELSEVIER.2008: 424-30
- **Response to letter regarding article, "Effect of chronotropy and inotropy on stitch tension in the edge-to-edge mitral repair"** *CIRCULATION*  
Timek, T. A., Lai, D. T., Liang, D., Miller, D. C., Nielsen, S. L., Daughters, G. T., Ingels, N. B.  
2008; 118 (4): E79-E79
- **Effect of local annular interventions on annular and left ventricular geometry** *21st Annual Meeting of the European-Association-for-Cardio-Thoracic-Surgery (EACTS)*  
Timek, T. A., Liang, D., Daughters, G. T., Ingels, N. B., Miller, D. C.  
OXFORD UNIV PRESS INC.2008: 1049-54
- **Guidelines for reporting mortality and morbidity after cardiac valve interventions** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Akens, C. W., Miller, D. C., Turina, M. I., Kouchoukos, N. T., Blackstone, E. H., Grunkemeier, G. L., Takkenberg, J. J., David, T. E., Butchart, E. G., Adams, D. H., Shahian, D. M., Hagl, S., Mayer, et al  
2008; 135 (4): 732-738
- **Non-uniform transmural remodeling in ovine chronic mitral regurgitation**  
Ennis, D. B., Nguyen, T. C., Itoh, A., Carlhaell, C. J., Oakes, R. A., Bothe, W., Liang, D., Miller, D. C., Ingels, N. B.  
FEDERATION AMER SOC EXP BIOL.2008
- **Guidelines for reporting mortality and morbidity after cardiac valve interventions** *ANNALS OF THORACIC SURGERY*  
Akens, C. W., Miller, D. C., Turina, M. I., Kouchoukos, N. T., Blackstone, E. H., Grunkemeier, G. L., Takkenberg, J. J., David, T. E., Butchart, E. G., Adams, D. H., Shahian, D. M., Hagl, S., Mayer, et al  
2008; 85 (4): 1490-1495
- **Functional uncoupling of the mitral annulus and left ventricle with mitral regurgitation and dopamine** *4th Biennial Meeting of the Society-for-Heart-Valve-Disease*  
Nguyen, T. C., Itoh, A., Carlhall, C. J., Oakes, R. A., Liang, D., Ingels, N. B., Miller, D. C.  
I C R PUBLISHERS.2008: 168-77
- **Effect of semi-rigid or flexible mitral ring annuloplasty on anterior leaflet three-dimensional geometry** *4th Biennial Meeting of the Society-for-Heart-Valve-Disease*  
Timek, T. A., Liang, D., Daughters, G. T., Ingels, N. B., Miller, D. C.  
I C R PUBLISHERS.2008: 149-54
- **Effects of acute ischemic mitral regurgitation on three-dimensional mitral leaflet edge geometry** *21st Annual Meeting of the European-Association-for-Cardio-Thoracic-Surgery (EACTS)*  
Bothe, W., Nguyen, T. C., Ennis, D. B., Itoh, A., Carlhall, C. J., Lai, D. T., Ingels, N. B., Miller, D. C.  
OXFORD UNIV PRESS INC.2008: 191-97
- **Reporting "actual freedom" should not be banned** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Grunkemeier, G. L., Takkenberg, J. J. M., Jamieson, W., Miller, D.  
2008; 135 (2): 460-62
- **Pre- and postoperative imaging of the aortic root for valve-sparing aortic root repair (V-SARR).** *Seminars in thoracic and cardiovascular surgery*  
Fleischmann, D., Liang, D. H., Mitchell, R. S., Miller, D. C.  
2008; 20 (4): 365-373
- **Advances in imaging of cardiovascular diseases: introduction.** *Seminars in thoracic and cardiovascular surgery*  
Fleischmann, D., Liang, D. H., Miller, D. C.

2008; 20 (4): 332-?

- **Multipolar visualization in 3D transthoracic echocardiography for precise delineation of mitral valve pathology** *ECHOCARDIOGRAPHY-A JOURNAL OF CARDIOVASCULAR ULTRASOUND AND ALLIED TECHNIQUES*  
Liang, D., Paloma, A., Kupahally, S. S., Miller, D. C., Schnittger, I.  
2008; 25 (1): 84-87
- **Acute aortic syndromes: new insights from electrocardiographically gated computed tomography.** *Seminars in thoracic and cardiovascular surgery*  
Fleischmann, D., Mitchell, R. S., Miller, D. C.  
2008; 20 (4): 340-347
- **Comparison of flow patterns in ascending aortic aneurysms and volunteers using four-dimensional magnetic resonance velocity mapping** *JOURNAL OF MAGNETIC RESONANCE IMAGING*  
Hope, T. A., Markl, M., Wigstrom, L., Alley, M. T., Miller, D. C., Herfkens, R. J.  
2007; 26 (6): 1471-1479
- **Andrew S. Wechsler, MD, Editor, The Journal of Thoracic and Cardiovascular Surgery January 2000-December 2007** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Kron, I. L., Miller, D.  
2007; 134 (6): 1391-92
- **Alterations in transmural myocardial strain: An early marker of left ventricular dysfunction in mitral regurgitation?** *80th Annual Scientific Session of the American-Heart-Association (AHA)*  
Nguyen, T. C., Carlhall, C. J., Itoh, A., Oakes, R. A., Ennis, D. B., Bothe, W., Liang, D., Daughters, G. T., Ingels, N. B., Miller, D. C.  
LIPPINCOTT WILLIAMS & WILKINS.2007: 368-68
- **Does Preoperative three-dimensional transthoracic Echocardiography with multipolar reconstruction add value in patients with mitral valve prolapse?**  
Beraud, A., Liang, D. H., Miller, D. C.  
LIPPINCOTT WILLIAMS & WILKINS.2007: 590
- **Mitral leaflet remodeling: Response to isolated mitral regurgitation** *80th Annual Scientific Session of the American-Heart-Association (AHA)*  
Stephens, E. H., Nguyen, T. C., Itoh, A., Miller, D. C., Grande-Allen, K. J.  
LIPPINCOTT WILLIAMS & WILKINS.2007: 234-34
- **Effect of chronotropy and inotropy on stitch tension in the edge-to-edge mitral repair** *79th Annual Scientific Session of the American-Heart-Association*  
Timek, T. A., Nielsen, S. L., Lai, D. T., Liang, D., Daughters, G. T., Ingels, N. B., Miller, D. C.  
LIPPINCOTT WILLIAMS & WILKINS.2007: I276-I281
- **Contribution of mitral annular dynamics to LV diastolic filling with alteration in preload and inotropic state** *AMERICAN JOURNAL OF PHYSIOLOGY-HEART AND CIRCULATORY PHYSIOLOGY*  
Carlhall, C., Kindberg, K., Wigstrom, L., Daughters, G. T., Miller, D. C., Karlsson, M., Ingels, N. B.  
2007; 293 (3): H1473-H1479
- **Undersized mitral annuloplasty inhibits left ventricular basal wall thickening but does not affect equatorial wall cardiac strains** *3rd Biennial Meeting of Society-for-Heart-Valve-Disease*  
Cheng, A., Nguyen, T. C., Malinowski, M., Liang, D., Daughters, G. T., Ingels, N. B., Miller, D. C.  
I C R PUBLISHERS.2007: 349-58
- **Alterations in lateral left ventricular wall transmural strains during acute circumflex and anterior descending coronary occlusion** *41st Annual Meeting of the Society-of-Thoracic-Surgeons*  
Langer, F., Rodriguez, F., Cheng, A., Ortiz, S., Harrington, K. B., Zasio, M. K., Daughters, G. T., Criscione, J. C., Ingels, N. B., Miller, D. C.  
ELSEVIER SCIENCE INC.2007: 51-60
- **Rapid aneurysmal degeneration of a Stanford type B aortic dissection in a patient with Loey's-Dietz syndrome** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Lee, R. S., Fazel, S., Schwarze, U., Fleischmann, D., Berry, G. J., Liang, D., Miller, D. C., Mitchell, R. S.  
2007; 134 (1): 242-U32

- **Fixed anterior leaflet edge 3-D position during end-systole: An important component of mitral regurgitation** *Experimental Biology 2007 Annual Meeting*  
Nguyen, T. C., Itoh, A., Oakes, R. A., Kameda, Y., Karlsson, M. O., Daughters, G. T., Miller, D. C., Ingels, N. B.  
FEDERATION AMER SOC EXP BIOL.2007: A1258–A1258
- **Septal-lateral annular cinching perturbs basal left ventricular transmural strains** *20th Annual Meeting of the European-Association-for-Cardio-Thoracic-Surgery/14th Annual Meeting of the European-Society-of-Thoracic-Surgeons*  
Nguyen, T. C., Cheng, A., Tibayan, F. A., Liang, D., Daughters, G. T., Ingels, N. B., Miller, D. C.  
OXFORD UNIV PRESS INC.2007: 423–29
- **Altered myocardial shear strains are associated with chronic ischemic mitral regurgitation** *42nd Annual Meeting of the Society-of-Thoracic-Surgeons*  
Nguyen, T. C., Cheng, A., Langer, F., Rodriguez, F., Oakes, R. A., Itoh, A., Ennis, D. B., Liang, D., Daughters, G. T., Ingels, N. B., Miller, D. C.  
ELSEVIER SCIENCE INC.2007: 47–54
- **Clinical 3D and 4D imaging of the thoracic aorta** *39th International Diagnostic Course*  
Fleischmann, D., Miller, D. C.  
SPRINGER-VERLAG ITALIA.2007: 119–130
- **Tenting volume: Three-dimensional assessment of geometric perturbations in functional mitral regurgitation and implications for surgical repair** *75th Annual Scientific Session of the American-Heart-Association*  
Tibayan, F. A., Wilson, A., Lai, D. T., Timek, T. A., Dagum, P., Rodriguez, F., Zasio, M. K., Liang, D., Daughters, G. T., Ingels, N. B., Miller, D. C.  
I C R PUBLISHERS.2007: 1–7
- **Effect of inotropy and chronotropy on stitch tension in the edge-to-edge mitral repair** *79th Annual Scientific Session of the American-Heart-Association*  
Timek, T. A., Nielsen, S. L., Liang, D., Lai, D. T., Daughters, G. T., Ingels, N. B., Miller, D. C.  
LIPPINCOTT WILLIAMS & WILKINS.2006: 564–64
- **Early postoperative blunting of rapid diastolic subepicardial fiber lengthening and left ventricular circumferential expansion**  
Kindberg, K., Oom, C., Cheng, A., Langer, F., Rodriguez, F., Daughters, G. T., Miller, D. C., Karlsson, M., Ingels, N. B.  
LIPPINCOTT WILLIAMS & WILKINS.2006: 357
- **Dobutamine myocardial strain rate response is transmurally inhomogeneous** *79th Annual Scientific Session of the American-Heart-Association*  
Itoh, A., Nguyen, T. C., Cheng, A., Oakes, R. A., Ennis, D. B., Kameda, Y., Daughters, G. T., Ingels, N. B., Miller, D. C.  
LIPPINCOTT WILLIAMS & WILKINS.2006: 570–70
- **Isolated giant cell myocarditis in the atrium: An incidental finding?** *PACE-PACING AND CLINICAL ELECTROPHYSIOLOGY*  
Ahmad, I., Miller, D. C., Berry, G. J., Hsia, H. H., Wang, P. J., Al-Ahmad, A.  
2006; 29 (10): 1179-1180
- **Effects of undersized mitral annuloplasty on regional transmural left ventricular wall strains and wall thickening mechanisms** *78th Annual Scientific Session of the American-Heart-Association*  
Cheng, A., Nguyen, T. C., Malinowski, M., Liang, D., Daughters, G. T., Ingels, N. B., Miller, D. C.  
LIPPINCOTT WILLIAMS & WILKINS.2006: I600–I609
- **Passive ventricular constraint prevents transmural shear strain progression in left ventricle remodeling** *78th Annual Scientific Session of the American-Heart-Association*  
Cheng, A., Nguyen, T. C., Malinowski, M., Langer, F., Liang, D., Daughters, G. T., Ingels, N. B., Miller, D. C.  
LIPPINCOTT WILLIAMS & WILKINS.2006: I79–I86
- **Mitral leaflet remodeling in dilated cardiomyopathy** *78th Annual Scientific Session of the American-Heart-Association*  
Timek, T. A., Lai, D. T., Dagum, P., Liang, D., Daughters, G. T., Ingels, N. B., Miller, D. C.  
LIPPINCOTT WILLIAMS & WILKINS.2006: I518–I523
- **Left ventricular volume shifts and aortic root expansion during isovolumic contraction** *52nd Annual Scientific Session of the American-College-of-Cardiology*  
Rodriguez, F., Green, G. R., Dagum, P., Nistal, J. F., Harrington, K. B., Daughters, G. T., Ingels, N. B., Miller, D. C.  
I C R PUBLISHERS.2006: 465–73

- **Plasma cefazolin levels during cardiovascular surgery: Effects of cardiopulmonary bypass and profound hypothermic circulatory arrest** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Caffarelli, A. D., Holden, J. P., Baron, E. J., Lemmens, H. J., D'Souza, H., Yau, V., Olcott, C., Reitz, B. A., Miller, D. C., van der Starre, P. J.  
2006; 131 (6): 1338-1343
- **Posterior mitral leaflet extension: An adjunctive repair option for ischemic mitral regurgitation?** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Langer, F., Rodriguez, F., Cheng, A., Ortiz, S., Nguyen, T. C., Zasio, M. K., Liang, D., Daughters, G. T., Ingels, N. B., Miller, D. C.  
2006; 131 (4): 868-875
- **The visible heart - Analysis of myocardial fiber structure using three-dimensional histology** *Experimental Biology 2006 Annual Meeting*  
Wigstrom, L., Ennis, D. B., Nguyen, T. C., Miller, D. C., Ingels, N. B.  
FEDERATION AMER SOC EXP BIOL.2006: A1198-A1198
- **Regional contribution of mitral annular dynamics to LV filling**  
Carlhall, C., Kindberg, K., Karlsson, M., Daughters, G. T., Miller, D. C., Ingeis, N. B.  
FEDERATION AMER SOC EXP BIOL.2006: A1194
- **Spatial and temporal inhomogeneity of transmural LV myocardial strains during diastole**  
Kindberg, K., Cheng, A., Langer, F., Rodriguez, F., Criscione, J. C., Daughters, G. T., Miller, D. C., Karlsson, M., Ingels, N. B.  
FEDERATION AMER SOC EXP BIOL.2006: A1410
- **Transmural left ventricular shear strain alterations adjacent to and remote from infarcted myocardium** *JOURNAL OF HEART VALVE DISEASE*  
Cheng, A., Langer, F., Nguyen, T. C., Malinowski, M., Ennis, D. B., Daughters, G. T., Ingels, N. B., Miller, D. C.  
2006; 15 (2): 209-218
- **In response to: Bodnar E, Blackstone EH. Editorial: An 'actual' problem: another issue of apples and oranges. J Heart Valve Dis 2005; 14:706-708.** *journal of heart valve disease*  
Grunkemeier, G. L., Takkenberg, J. J., Jamieson, W. R., Miller, D. C.  
2006; 15 (2): 305-306
- **Abnormal myocardial transmural shear strains persist during evolution from acute ischemia to infarction** *55th Annual Scientific Session of the American-College-of-Cardiology*  
Nguyen, T. C., Langer, F., Chang, A., Rodriguez, F., Daughters, G. T., Ingels, N. B., Miller, D. C.  
ELSEVIER SCIENCE INC.2006: 181A-181A
- **Photonic crystals: Straightening out light** *Nature Materials*  
Miller, D., A. B.  
2006; 5: 83-84
- **Mitral leaflet remodeling in heart failure** *78th Annual Scientific Session of the American-Heart-Association*  
Timek, T., Lai, D., Dagum, P., Liang, D., Daughters, G. T., Ingels, N. B., Alto, P., Miller, D. C.  
LIPPINCOTT WILLIAMS & WILKINS.2005: U392-U393
- **Passive ventricular constraint prevents transmural shear strain progression in left ventricle remodeling**  
Cheng, A., Malinowski, M., Nguyen, T. C., Langer, F., Liang, D., Daughters, G. T., Ingels, N. B., Miller, D. C.  
LIPPINCOTT WILLIAMS & WILKINS.2005: U461
- **Effects of undersized mitral annuloplasty on regional transmural LV wall strains and wall thickening mechanisms** *78th Annual Scientific Session of the American-Heart-Association*  
Cheng, A., Nguyen, T. C., Malinowski, M., Liang, D., Daughters, G. T., Ingels, N. B., Miller, D. C.  
LIPPINCOTT WILLIAMS & WILKINS.2005: U555-U555
- **Heterogeneity of left ventricular wall thickening mechanisms** *78th Annual Scientific Session of the American-Heart-Association*  
Cheng, A., Nguyen, T. C., Malinowski, M., Daughters, G. T., Miller, D. C., Ingels, N. B.  
LIPPINCOTT WILLIAMS & WILKINS.2005: U680-U681
- **Effects of preload reduction on transmural end-diastolic fiber length and systolic fiber shortening** *78th Annual Scientific Session of the American-Heart-Association*  
Nguyen, T. C., Langer, F., Cheng, A., Rodriguez, F., Criscione, J. C., Daughters, G. T., Ingels, N. B., Miller, D. C.

LIPPINCOTT WILLIAMS & WILKINS.2005: U619–U619

- **Effect of cutting second-order chordae on in-vivo anterior mitral leaflet compound curvature** *3rd Biennial Meeting of Society-for-Heart-Valve-Disease*  
Rodriguez, F., Langer, F., Harrington, K. B., Tibayan, F. A., Zasio, M. K., Liang, D., Daughters, G. T., Ingels, N. B., Miller, D. C.  
I C R PUBLISHERS.2005: 592–601
- **Transmural sheet strains in the lateral wall of the ovine left ventricle** *AMERICAN JOURNAL OF PHYSIOLOGY-HEART AND CIRCULATORY PHYSIOLOGY*  
Cheng, A., Langer, F., Rodriguez, F., Criscione, J. C., Daughters, G. T., Miller, D. C., Ingels, N. B.  
2005; 289 (3): H1234-H1241
- **Subvalvular repair - The key to repairing ischemic mitral regurgitation?** *77th Scientific Meeting of the American-Heart-Association*  
Langer, F., Rodriguez, F., Ortiz, S., Cheng, A., Nguyen, T. C., Zasio, M. K., Liang, D., Daughters, G. T., Ingels, N. B., Miller, D. C.  
LIPPINCOTT WILLIAMS & WILKINS.2005: I383–I389
- **Annular height-to-commissural width ratio of annulolasty rings in vivo** *77th Scientific Meeting of the American-Heart-Association*  
Timek, T. A., Glasson, J. R., Lai, D. T., Liang, D., Daughters, G. T., Ingels, N. B., Miller, D. C.  
LIPPINCOTT WILLIAMS & WILKINS.2005: I423–I428
- **Time-resolved three-dimensional magnetic resonance velocity mapping of aortic flow in healthy volunteers and patients after valve-sparing aortic root replacement** *30th Annual Meeting of the Western-Thoracic-Surgical-Association*  
Markl, M., Draney, M. T., Miller, D. C., Levin, J. M., Williamson, E. E., Pelc, N. J., Liang, D. H., Herfkens, R. J.  
MOSBY-ELSEVIER.2005: 456–63
- **The myocardial band: simplicity can be a weakness** *EUROPEAN JOURNAL OF CARDIO-THORACIC SURGERY*  
Criscione, J. C., Rodriguez, F., Miller, D. C.  
2005; 28 (2): 363–64
- **Annular or subvalvular approach to chronic ischemic mitral regurgitation?** *30th Annual Meeting of the Western-Thoracic-Surgical-Association*  
Tibayan, F. A., Rodriguez, F., Langer, F., Zasio, M. K., Bailey, L., Liang, D., Daughters, G. T., Ingels, N. B., Miller, D. C.  
MOSBY-ELSEVIER.2005: 1266–75
- **Altered mitral valve kinematics with atrioventricular and ventricular pacing** *2nd Biennial Meeting of the Society-for-Heart-Valve-Disease*  
Langer, F., Tibayan, F. A., Rodriguez, F., Timek, T., Zasio, M. K., Liang, D., Daughters, G. T., Ingels, N. B., Miller, D. C.  
I C R PUBLISHERS.2005: 286–94
- **Alterations in transmural strains adjacent to ischemic myocardium during acute midcircumflex occlusion** *84th Annual Meeting of the American-Association-for-Thoracic-Surgery*  
Rodriguez, F., Langer, F., Harrington, K. B., Cheng, A., Daughters, G. T., Criscione, J. C., Ingels, N. B., Miller, D. C.  
MOSBY-ELSEVIER.2005: 791–802
- **Transmural cardiac strains in the lateral wall of the ovine left ventricle** *AMERICAN JOURNAL OF PHYSIOLOGY-HEART AND CIRCULATORY PHYSIOLOGY*  
Cheng, A., Langer, F., Rodriguez, F., Criscione, J. C., Daughters, G. T., Miller, D. C., Ingels, N. B.  
2005; 288 (4): H1546-H1556
- **Treatment of aortic disease in patients with Marfan syndrome** *CIRCULATION*  
Milewicz, D. M., Dietz, H. C., Miller, C.  
2005; 111 (11): E150–E157
- **A transmural gradient of systolic wall thickening is not a fundamental property of the contracting LV myocardium**  
Cheng, A., Langer, F., Rodriguez, F., Criscione, J. C., Daughters, G. T., Miller, D. C., Ingels, N. B.  
FEDERATION AMER SOC EXP BIOL.2005: A1317
- **A transmural gradient of systolic wall thickening is not a fundamental property of the contracting LV myocardium**  
Cheng, A., Langer, F., Rodriguez, F., Criscione, J. C., Daughters, G. T., Miller, D. C., Ingels, N. B.  
FEDERATION AMER SOC EXP BIOL.2005: A554
- **Computed tomography angiographic demonstration of a ventricular septal defect** *EUROPEAN JOURNAL OF CARDIO-THORACIC SURGERY*

Verhoye, J. P., Levin, J. M., Ilnken, K., Miller, D. C.  
2004; 26 (5): 1037-1037

- **Aorto-mitral angle and flexion are altered by acute ischemic mitral regurgitation and undersized annuloplasty** *77th Scientific Meeting of the American-Heart-Association*  
Tibayan, F., Rodriguez, F., Langer, F., Liang, D., Daughters, G., Ingels, N., Miller, D. C.  
LIPPINCOTT WILLIAMS & WILKINS.2004: 423-23
- **Heterogeneous calcium effects on myofiber-sheet mechanics and systolic wall thickening across the left ventricular myocardium**  
Cheng, A., Langer, F., Rodriguez, F., Daughters, G. T., Criscione, J. C., Miller, D. C., Ingels, N. B.  
LIPPINCOTT WILLIAMS & WILKINS.2004: 599
- **Subvalvular repair: The key to ischemic mitral regurgitation?** *77th Scientific Meeting of the American-Heart-Association*  
Langer, F., Rodriguez, F., Ortiz, S., Cheng, A., Zasio, M. K., Liang, D., Daughters, G. T., Ingels, N. B., Miller, D. C.  
LIPPINCOTT WILLIAMS & WILKINS.2004: 397-97
- **Left ventricular remodeling in chronic ischemic mitral regurgitation (CIMR)** *77th Scientific Meeting of the American-Heart-Association*  
Tibayan, F., Rodriguez, F., Langer, F., Zasio, M., Bailey, L., Liang, D., Daughters, G., Ingels, N., Miller, D. C.  
LIPPINCOTT WILLIAMS & WILKINS.2004: 631-31
- **In vivo annular height to commissural width ratio of mitral annuloplasty rings** *77th Scientific Meeting of the American-Heart-Association*  
Timek, T. A., Lai, D., Glasson, J., Liang, D., Daughters, G. T., Ingels, N. B., Miller, D. C.  
LIPPINCOTT WILLIAMS & WILKINS.2004: 588-88
- **Importance of mitral valve second-order chordae for left ventricular geometry, wall thickening mechanics, and global systolic function** *40th Annual Meeting of the Society-of-Thoracic-Surgeons*  
Rodriguez, F., Langer, F., Harrington, K. B., Tibayan, F. A., Zasio, M. K., Cheng, A., Liang, D., Daughters, G. T., Covell, J. W., Criscione, J. C., Ingels, N. B., Miller, D. C.  
LIPPINCOTT WILLIAMS & WILKINS.2004: II115-II122
- **Effects of paracommissural septal-lateral annular cinching on acute ischemic mitral regurgitation** *76th Annual Scientific Session of the American-Heart-Association*  
Timek, T. A., Liang, D., Tibayan, F., Langer, F., Rodriguez, F., Daughters, G. T., Ingels, N. B., Miller, D. C.  
LIPPINCOTT WILLIAMS & WILKINS.2004: II79-II84
- **Alterations in left ventricular torsion and diastolic recoil after myocardial infarction with and without chronic ischemic mitral regurgitation** *CIRCULATION*  
Tibayan, F. A., Rodriguez, F., Langer, F., Zasio, M. K., Bailey, L., Liang, D., Daughters, G. T., Ingels, N. B., Miller, D. C.  
2004; 110 (11): II109-II114
- **Undersized mitral annuloplasty alters left ventricular shape during acute ischemic mitral regurgitation** *CIRCULATION*  
Tibayan, F. A., Rodriguez, F., Langer, F., Liang, D., Daughters, G. T., Ingels, N. B., Miller, D. C.  
2004; 110 (11): II98-II102
- **Cutting second-order chords does not prevent acute ischemic mitral regurgitation** *76th Annual Scientific Session of the American-Heart-Association*  
Rodriguez, F., Langer, F., Harrington, K. B., Tibayan, F. A., Zasio, M. K., Liang, D., Daughters, G. T., Ingels, N. B., Miller, D. C.  
LIPPINCOTT WILLIAMS & WILKINS.2004: II91-II97
- **Increases in mitral leaflet radii of curvature with chronic ischemic mitral regurgitation** *2nd Biennial Meeting of the Society-for-Heart-Valve-Disease*  
Tibayan, F. A., Rodriguez, F., Langer, F., Zasio, M. K., Bailey, L., Liang, D., Daughters, G. T., Karlsson, M., Ingels, N. B., Miller, D. C.  
I C R PUBLISHERS.2004: 772-78
- **Mitral suture annuloplasty corrects both annular and subvalvular geometry in acute ischemic mitral regurgitation** *JOURNAL OF HEART VALVE DISEASE*  
Tibayan, F. A., Rodriguez, F., Langer, F., Liang, D., Daughters, G. T., Ingels, N. B., Miller, D. C.  
2004; 13 (3): 414-420
- **Mitral valve dynamics with different pacing sites** *53rd Annual Scientific Session of the American-College-of-Cardiology*  
Langer, F., Tibayan, F. A., Rodriguez, F., Timek, T., Zasio, M. K., Liang, D., Daughters, G. T., Ingels, N. B., Miller, D. C.

ELSEVIER SCIENCE INC.2004: 112A–112A

- **Effects of inotropic stimulation on left ventricular torsional deformation in tachycardia-induced dilated cardiomyopathy**  
Rodriguez, F., Harrington, K. B., Tibayan, F. A., Dagum, P., Langer, F., Daughters, G. T., Ingels, N. B., Miller, D. C.  
ELSEVIER SCIENCE INC.2004: 218A–219A
- **Torsional deformation in ischemic and remote left ventricular regions during acute circumflex and anterior descending coronary occlusion** *53rd Annual Scientific Session of the American-College-of-Cardiology*  
Rodriguez, E., Timek, T. A., Langer, F., Liang, D., Daughters, G. T., Ingels, N. B., Miller, D. C.  
ELSEVIER SCIENCE INC.2004: 427A–427A
- **Computer-generated three-dimensional animation of the mitral valve** *28th Annual Meeting of the Western-Thoracic-Surgical-Association*  
Dayan, J. H., Oliker, A., Sharony, R., Baumann, F. G., Galloway, A., Colvin, S. B., Miller, D. C., Grossi, E. A.  
MOSBY-ELSEVIER.2004: 763–69
- **Mitral annular size predicts Alfieri stitch tension in mitral edge-to-edge repair** *JOURNAL OF HEART VALVE DISEASE*  
Timek, T. A., Nielsen, S. L., Lai, D. T., Tibayan, F., Liang, D., Daughters, G. T., Beineke, P., Hastie, T., Ingels, N. B., Miller, D. C.  
2004; 13 (2): 165-173
- **Can the principles of evidence-based medicine be applied to the treatment of aortic dissections?** *EUROPEAN JOURNAL OF CARDIO-THORACIC SURGERY*  
Myrmet, T., Lai, D. T., Miller, D. C.  
2004; 25 (2): 236-242
- **Fixed-apex mitral annular descent correlates better with left ventricular systolic function than does free-apex left ventricular long-axis shortening** *75th Annual Scientific Session of the American-Heart-Association*  
Rodriguez, F., Tibayan, F. A., Glasson, J. R., Liang, D., Daughters, G. T., Ingels, N. B., Miller, D. C.  
MOSBY-ELSEVIER.2004: 101–7
- **Stent-graft repair of penetrating atherosclerotic ulcers in the descending thoracic aorta: Mid-term results** *ANNALS OF THORACIC SURGERY*  
Demers, P., Miller, D. C., Mitchell, R. S., Kee, S. T., Chagonjian, L., Dake, M. D.  
2004; 77 (1): 81-86
- **Aorto-mitral annular dynamics** *39th Annual Meeting of the Society-of-Thoracic-Surgeons*  
Timek, T. A., Green, G. R., Tibayan, F. A., Lai, D. T., Rodriguez, F., Liang, D., Daughters, G. T., Ingels, N. B., Miller, D. C.  
ELSEVIER SCIENCE INC.2003: 1944–50
- **Annular remodeling in chronic ischemic mitral regurgitation: Ring selection implications** *39th Annual Meeting of the Society-of-Thoracic-Surgeons*  
Tibayan, F. A., Rodriguez, F., Langer, F., Zasio, M. K., Bailey, L., Liang, D., Daughters, G. T., Ingels, N. B., Miller, D. C.  
ELSEVIER SCIENCE INC.2003: 1549–54
- **Importance of the anterior mitral valve leaflet second-order chordae tendineae for left ventricular structure and function** *76th Annual Scientific Session of the American-Heart-Association*  
Rodriguez, F., Harrington, K. B., Langer, F., Tibayan, F. A., Zasio, M. K., Liang, D., Daughters, G. T., Criscione, J. C., Covell, J. W., Ingels, N. B., Miller, D. C.  
LIPPINCOTT WILLIAMS & WILKINS.2003: 366–67
- **Does cutting the second-order chordae tendineae prevent acute ischemic mitral regurgitation?** *76th Annual Scientific Session of the American-Heart-Association*  
Rodriguez, F., Langer, F., Harrington, K. B., Tibayan, F. A., Zasio, M. K., Liang, D., Daughters, G. T., Ingels, N. B., Miller, D. C.  
LIPPINCOTT WILLIAMS & WILKINS.2003: 327–28
- **Importance of the anterior mitral valve leaflet second-order chordae tendineae for left ventricular structure and function** *76th Annual Scientific Session of the American-Heart-Association*  
Rodriguez, F., Harrington, K. B., Langer, F., Tibayan, F. A., Zasio, M. K., Liang, D., Daughters, G. T., Criscione, J. C., Covell, J. W., Ingels, N. B., Miller, D. C.  
LIPPINCOTT WILLIAMS & WILKINS.2003: Q-Q
- **Simultaneous "Tirone David-V" valve-sparing aortic root replacement and radical mitral valve repair for the Marfan syndrome with Barlow syndrome** *CIRCULATION*

- Demers, P., Liang, D., Miller, D. C.  
2003; 108 (16): E116-E117
- **Ablation of mitral annular and leaflet muscle: effects on annular and leaflet dynamics** *AMERICAN JOURNAL OF PHYSIOLOGY-HEART AND CIRCULATORY PHYSIOLOGY*  
Timek, T. A., Lai, D. T., Dagum, P., Tibayan, F., Daughters, G. T., Liang, D., Berry, G. J., Miller, D. C., Ingels, N. B.  
2003; 285 (4): H1668-H1674
  - **Edge-to-edge mitral valve repair without ring annuloplasty for acute ischemic mitral regurgitation.** *Circulation*  
Timek, T. A., Nielsen, S. L., Lai, D. T., Tibayan, F. A., Liang, D., Rodriguez, F., Daughters, G. T., Ingels, N. B., Miller, D. C.  
2003; 108: II122-7
  - **Geometric distortions of the mitral valvular-ventricular complex in chronic ischemic mitral regurgitation** *CIRCULATION*  
Tibayan, F. A., Rodriguez, F., Zasio, M. K., Bailey, L., Liang, D., Daughters, G. T., Langer, F., Ingels, N. B., Miller, D. C.  
2003; 108 (10): 116-121
  - **Edge-to-edge mitral valve repair without ring annuloplasty for acute ischemic mitral regurgitation** *CIRCULATION*  
Timek, T. A., Nielsen, S. L., Lai, D. T., Tibayan, F. A., Liang, D., Rodriguez, F., Daughters, G. T., Ingels, N. B., Miller, D. C.  
2003; 108 (10): 122-127
  - **Paneth suture annuloplasty abolishes acute ischemic mitral regurgitation but preserves annular and leaflet dynamics** *CIRCULATION*  
Tibayan, F. A., Rodriguez, F., Liang, D., Daughters, G. T., Ingels, N. B., Miller, D. C.  
2003; 108 (10): 128-133
  - **Paneth suture annuloplasty abolishes acute ischemic mitral regurgitation but preserves annular and leaflet dynamics.** *Circulation*  
Tibayan, F. A., Rodriguez, F., Liang, D., Daughters, G. T., Ingels, N. B., Miller, D. C.  
2003; 108: II128-33
  - **Prosthesis size and long-term survival after aortic valve replacement** *80th Annual Meeting of the American-Association-for-Thoracic-Surgery*  
Blackstone, E. H., Cosgrove, D. M., Jamieson, W. R., Birkmeyer, N. J., Lemmer, J. H., Miller, D. C., Butchart, E. G., Rizzoli, G., Yacoub, M., Chai, A. K.  
MOSBY-ELSEVIER.2003: 783-96
  - **Alterations in left ventricular curvature and principal strains in dilated cardiomyopathy with functional mitral regurgitation** *ACC Annual Scientific Meeting*  
Tibayan, F. A., Lai, D. T., Timek, T. A., Dagum, P., Liang, D., Zasio, M. K., Daughters, G. T., Miller, D. C., Ingels, N. B.  
I C R PUBLISHERS.2003: 292-99
  - **Left ventricular volume shifts during isovolumic contraction contribute to dynamic opening of the aortic valve**  
Rodriguez, F., Green, G. R., Dagum, P., Nistal, F. J., Tibayan, F. A., Langer, F., Daughters, G. T., Ingels, N. B., Miller, D. C.  
ELSEVIER SCIENCE INC.2003: 513A
  - **Ischemia in three left ventricular regions: Insights into the pathogenesis of acute ischemic mitral regurgitation** *82nd Annual Meeting of the American-Association-for-Thoracic-Surgery*  
Timek, T. A., Lai, D. T., Tibayan, F., Liang, D., Daughters, G. T., Dagum, P., Zasio, M. K., Lo, S., Hastie, T., Ingels, N. B., Miller, D. C.  
MOSBY-ELSEVIER.2003: 559-69
  - **Tachycardia-induced cardiomyopathy in the ovine heart: Mitral annular dynamic three-dimensional geometry** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Timek, T. A., Dagum, P., Lai, D. T., Liang, D., Daughters, G. T., Tibayan, F., Ingels, N. B., Miller, D. C.  
2003; 125 (2): 315-324
  - **The effects of mitral annuloplasty rings on mitral valve complex 3-D geometry during acute left ventricular ischemia** *37th Annual Meeting of the Society-of-Thoracic-Surgeons*  
Lai, D. T., Timek, T. A., Tibayan, F. A., Green, G. R., Daughters, G. T., Liang, D., Ingels, N. B., Miller, D. C.  
ELSEVIER SCIENCE BV.2002: 808-16
  - **What is the best treatment for patients with acute type B aortic dissections - Medical, surgical, or endovascular stent-grafting?** *Aortic Surgery Symposium VIII*  
Umana, J. P., Miller, D. C., Mitchell, R. S.  
ELSEVIER SCIENCE INC.2002: S1840-S1843

- **Atrial contraction and mitral annular dynamics during acute left atrial and ventricular ischemia in sheep** *AMERICAN JOURNAL OF PHYSIOLOGY-HEART AND CIRCULATORY PHYSIOLOGY*  
Timek, T. A., Lai, D. T., Tibayan, F., Daughters, G. T., Liang, D., Dagum, P., Lo, S., Miller, D. C., Ingels, N. B.  
2002; 283 (5): H1929-H1935
- **Ischemia-induced malcoaptation of scallops within the posterior mitral leaflet** *JOURNAL OF HEART VALVE DISEASE*  
Myrmel, T., Lai, D. T., Lo, S., Timek, T. A., Liang, D., Miller, D. C., Ingels, N. B., Daughters, G. T.  
2002; 11 (6): 823-829
- **Stentless bioprosthetic aortic valve replacement after valve-sparing aortic root replacement** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Ikonomidis, J. S., Miller, D. C.  
2002; 124 (4): 848-851
- **Will a partial posterior annuloplasty ring prevent acute ischemic mitral regurgitation?** *Circulation*  
Timek, T. A., Dagum, P., Lai, D. T., Tibayan, F., Liang, D., Daughters, G. T., Hayase, M., Ingels, N. B., Miller, D. C.  
2002; 106 (12): I33-I39
- **Does profound hypothermic circulatory arrest improve survival in patients with acute type a aortic dissection?** *CIRCULATION*  
Lai, D. T., Robbins, R. C., Mitchell, R. S., Moore, K. A., Oyer, P. E., Shumway, N. E., Reitz, B. A., Miller, D. C.  
2002; 106 (13): I218-I228
- **Mechanistic insights into posterior mitral leaflet inter-scallop malcoaptation during acute ischemic mitral regurgitation.** *Circulation*  
Lai, D. T., Tibayan, F. A., Myrmel, T., Timek, T. A., Dagum, P., Daughters, G. T., Liang, D., Ingels, N. B., Miller, D. C.  
2002; 106 (12): I40-I45
- **Does profound hypothermic circulatory arrest improve survival in patients with acute type a aortic dissection?** *CIRCULATION*  
Lai, D. T., Robbins, R. C., Mitchell, R. S., Moore, K. A., Oyer, P. E., Shumway, N. E., Reitz, B. A., Miller, D. C.  
2002; 106 (13): I218-I228
- **Mechanistic insights into posterior mitral leaflet inter-scallop malcoaptation during acute ischemic mitral regurgitation.** *Circulation*  
Lai, D. T., Tibayan, F. A., Myrmel, T., Timek, T. A., Dagum, P., Daughters, G. T., Liang, D., Ingels, N. B., Miller, D. C.  
2002; 106 (12): I40-I45
- **Hemodynamic performance of an unstented xenograft mitral valve substitute** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Timek, T. A., Lai, D. T., Tibayan, F. A., Dagum, P., Daughters, T., Liang, D., Ingels, N. B., Miller, D. C.  
2002; 124 (3): 541-552
- **Alterations in left ventricular torsion in tachycardia-induced dilated cardiomyopathy** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Tibayan, F. A., Lai, D. T., Timek, T. A., Dagum, P., Liang, D., Daughters, G. T., Ingels, N. B., Miller, D. C.  
2002; 124 (1): 43-49
- **A simple trick for repairing coronary pseudoaneurysm complicating a Bentall operation** *ANNALS OF THORACIC SURGERY*  
Schmoker, J. D., Miller, D. C.  
2002; 74 (1): 268-70
- **Randomized trial comparing partial versus complete chordal-sparing mitral valve replacement: Effects on left ventricular volume and function** *27th Annual Meeting of the Western-Thoracic-Surgical-Association*  
Yun, K. L., Sintek, C. F., Miller, D. C., Pfeffer, T. A., Kochamba, G. S., Khonsari, S., Zile, M. R.  
MOSBY-ELSEVIER.2002: 707-14
- **Mitral annular dynamics and LV diastolic filling**  
Tibayan, F. A., Karlsson, M., Rodriguez, F., Glasson, J., Daughters, G., Miller, D. C., Ingels, N. B.  
FEDERATION AMER SOC EXP BIOL.2002: A1127
- **Septal-lateral annular cinching ("SLAC") reduces mitral annular size without perturbing normal annular dynamics** *1st Biennial Meeting of the Society-for-Heart-Valve-Disease*  
Timek, T. A., Lai, D. T., Tibayan, F. A., Daughters, G. T., Liang, D., Dagum, P., Ingels, N. B., Miller, D. C.  
I C R PUBLISHERS.2002: 2-9

- **Ischemic mitral regurgitation redux - To repair or to replace?** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Miller, D. C.  
2001; 122 (6): 1059-62
- **Three-dimensional in-vivo dimensions of 'He's triangle' during acute left ventricular ischemia** *1st Biennial Meeting of the Society-for-Heart-Valve-Disease*  
Lai, D. T., Tibayan, F. A., Timek, T. A., Liang, D., Daughters, G. T., Ingels, N. B., Miller, D. C.  
I C R PUBLISHERS.2001: 767-73
- **Does hypothermic circulatory arrest (PHCA) improve survival in patients with acute type A aortic dissection?**  
Lai, D. T., Robbins, R. C., Mitchell, R. S., Moore, K. A., Oyer, P. E., Shumway, N. E., Reitz, B. A., Miller, D. C.  
LIPPINCOTT WILLIAMS & WILKINS.2001: 524-24
- **Three-dimensional geometric comparison of partial and complete flexible mitral annuloplasty rings** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Dagum, P., Timek, T., Green, G. R., Daughters, G. T., Liang, D., Ingels, N. B., Miller, D. C.  
2001; 122 (4): 665-673
- **Aprotinin, blood loss, and renal dysfunction in deep hypothermic circulatory arrest** *CIRCULATION*  
Mangano, C. T., Neville, M. J., Hsu, P. H., Mignea, I., KING, J., Miller, D. C.  
2001; 104 (12): 1276-1281
- **Pathogenesis of mitral regurgitation in tachycardia-induced cardiomyopathy** *CIRCULATION*  
Timek, T. A., Dagum, P., Lai, D. T., Liang, D., Daughters, G. T., Ingels, N. B., Miller, D. C.  
2001; 104 (12): 147-153
- **Experimental and clinical assessment of mitral annular area and dynamics: What are we actually measuring?** *ANNALS OF THORACIC SURGERY*  
Timek, T. A., Miller, D. C.  
2001; 72 (3): 966-974
- **Influence of anterior mitral leaflet second-order chordae on leaflet dynamics and valve competence** *ANNALS OF THORACIC SURGERY*  
Timek, T. A., Nielsen, S. L., Green, G. R., Dagum, P., Bolger, A. F., Daughters, G. T., Hasenkam, J. M., Ingels, N. B., Miller, D. C.  
2001; 72 (2): 535-540
- **Resection of ascending aortic aneurysm without use of an interposition aortic graft** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Ikonomidis, J. S., DeAnda, A., Miller, D. C.  
2001; 122 (2): 395-397
- **The role of atrial contraction in mitral valve closure** *JOURNAL OF HEART VALVE DISEASE*  
Timek, T., Dagum, P., Lai, D. T., Green, G. R., Glasson, J. R., Daughters, G. T., Ingels, N. B., Miller, D. C.  
2001; 10 (3): 312-319
- **Edge-to-edge mitral repair: gradients and three-dimensional annular dynamics in vivo during inotropic stimulation** *14th Annual Meeting of the European-Association-for-Cardio-Thoracic-Surgery*  
Timek, T. A., Nielsen, S. L., Liang, D., Lai, D. T., Dagum, P., Daughters, G. T., Ingels, N. B., Miller, D. C.  
ELSEVIER SCIENCE BV.2001: 431-37
- **Treatment of endocarditis with valve replacement: The question of tissue versus mechanical prosthesis** *ANNALS OF THORACIC SURGERY*  
Moon, M. R., Miller, D. C., Moore, K. A., Oyer, P. E., Mitchell, R. S., Robbins, R. C., Stinson, E. B., Shumway, N. E., Reitz, B. A.  
2001; 71 (4): 1164-1171
- **Cardiocyte cytoskeleton in patients with left ventricular pressure overload hypertrophy** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*  
Zile, M. R., Green, G. R., Schuyler, G. T., Aurigemma, G. P., Miller, D. C., Cooper, G.  
2001; 37 (4): 1080-1084
- **Ablation of mitral myocardial muscle effect on annular and leaflet dynamics in the context of mitral repair**  
Timek, T. A., Lai, D. T., Liang, D., Berry, G., Tibayan, F. A., Dagum, P., Daughters, G. T., Ingels, N. B., Miller, D. C.

ELSEVIER SCIENCE INC.2001: 480A

- **Coordinate-free analysis of mitral valve dynamics in normal and ischemic hearts.** *Circulation*  
Dagum, P., Timek, T. A., Green, G. R., Lai, D., Daughters, G. T., Liang, D. H., Hayase, M., Ingels, N. B., Miller, D. C.  
2000; 102 (19): III62-9
- **Coordinate-free analysis of mitral valve dynamics in normal and ischemic hearts** *CIRCULATION*  
Dagum, P., Timek, T. A., Green, G. R., Lai, D., Daughters, G. T., Liang, D. H., Hayase, M., Ingels, N. B., Miller, D. C.  
2000; 102 (19): 62-69
- **The effects of ring annuloplasty on mitral leaflet geometry during acute left ventricular ischemia** *80th Annual Meeting of the American-Association-for-Thoracic-Surgery*  
Lai, D. T., Timek, T. A., Dagum, P., Green, G. R., Glasson, J. R., Daughters, G. T., Liang, D., Ingels, N. B., Miller, D. C.  
MOSBY-ELSEVIER.2000: 966-75
- **Timing and location of acute ischemic mitral regurgitation in sheep**  
Timek, T. A., Lai, D. T., Liang, D. H., Lo, S. T., Daughters, G. T., Ingels, N. B., Miller, D. C.  
LIPPINCOTT WILLIAMS & WILKINS.2000: 530-31
- **Endovascular repair of abdominal aortic aneurysms: Eligibility rate and impact on the rate of open repair** *JOURNAL OF VASCULAR SURGERY*  
Wolf, Y. G., Fogarty, T. J., Olcott, C., Hill, B. B., Harris, E. J., Mitchell, R. S., Miller, D. C., Dalman, R. L., Zarins, C. K.  
2000; 32 (3): 519-523
- **Mitral annular dynamics during rapid atrial pacing** *61st Annual Meeting of the Society-of-University-Surgeons*  
Timek, T. A., Lai, D. T., Dagum, P., Green, G. R., Glasson, J. R., Daughters, G. T., Ingels, N. B., Miller, D. C.  
MOSBY-ELSEVIER.2000: 361-67
- **Ring annuloplasty prevents delayed leaflet coaptation and mitral regurgitation during acute left ventricular ischemia** *71st Scientific Session of the American-Heart-Association*  
Timek, T., Glasson, J. R., Dagum, P., Green, G. R., Nistal, J. F., Komeda, M., Daughters, G. T., Bolger, A. F., Foppiano, L. E., Ingels, N. B., Miller, D. C.  
MOSBY-ELSEVIER.2000: 774-83
- **Restricted posterior leaflet motion after mitral ring annuloplasty** *35th Annual Meeting of the Society-of-Thoracic-Surgeons*  
Green, G. R., Dagum, P., Glasson, J. R., Nistal, J. F., Daughters, G. T., Ingels, N. B., Miller, D. C.  
ELSEVIER SCIENCE INC.1999: 2100-2106
- **Cinefluoroscopic assessment of human mitral anulus after mitral valvuloplasty.** *The Journal of thoracic and cardiovascular surgery*  
Miller, D. C.  
1999; 118 (6): 1155-1156
- **Mitral annular dilatation and papillary muscle dislocation without mitral regurgitation in sheep.** *Circulation*  
Green, G. R., Dagum, P., Glasson, J. R., Daughters, G. T., Bolger, A. F., Foppiano, L. E., Berry, G. J., Ingels, N. B., Miller, D. C.  
1999; 100 (19): II95-102
- **Randomized trial of partial versus complete chordal preservation methods of mitral valve replacement - A preliminary report** *CIRCULATION*  
Yun, K. L., Sintek, C. F., Miller, D. C., Schuyler, G. T., Fletcher, A. D., Pfeffer, T. A., Kochamba, G. S., Khonsari, S., Zile, M. R.  
1999; 100 (19): 90-94
- **Randomized trial of partial versus complete chordal preservation methods of mitral valve replacement: A preliminary report.** *Circulation*  
Yun, K. L., Sintek, C. F., Miller, D. C., Schuyler, G. T., Fletcher, A. D., Pfeffer, T. A., Kochamba, G. S., Khonsari, S., Zile, M. R.  
1999; 100 (19): II90-4
- **Mitral annular dilatation and papillary muscle dislocation without mitral regurgitation in sheep** *CIRCULATION*  
Green, G. R., Dagum, P., Glasson, J. R., Daughters, G. T., Bolger, A. F., Foppiano, L. E., Berry, G. J., Ingels, N. B., Miller, D. C.  
1999; 100 (19): 95-102
- **Functional evaluation of the medtronic stentless porcine xenograft mitral valve in sheep.** *Circulation*  
Dagum, P., Green, G. R., Timek, T. A., Daughters, G. T., Foppiano, L. E., Tye, T. L., Bolger, A. F., Ingels, N. B., Miller, D. C.

1999; 100 (19): II70-7

- **Deformational dynamics of the aortic root: modes and physiologic determinants.** *Circulation*  
Dagum, P., Green, G. R., Nistal, F. J., Daughters, G. T., Timek, T. A., Foppiano, L. E., Bolger, A. F., Ingels, N. B., Miller, D. C.  
1999; 100 (19): II54-62
- **Deformational dynamics of the aortic root - Modes and physiologic determinants** *CIRCULATION*  
Dagum, P., Green, G. R., Nistal, F. J., Daughters, G. T., Timek, T. A., Foppiano, L. E., Bolger, A. F., Ingels, N. B., Miller, D. C.  
1999; 100 (19): 54-62
- **Functional evaluation of the medtronic stentless porcine xenograft mitral valve in sheep** *CIRCULATION*  
Dagum, P., Green, G. R., Timek, T. A., Daughters, G. T., Foppiano, L. E., Tye, T. L., Bolger, A. F., Ingels, N. B., Miller, D. C.  
1999; 100 (19): 70-77
- **Effects of mitral valve replacement on regional left ventricular systolic strain** *ANNALS OF THORACIC SURGERY*  
Moon, M. R., DeAnda, A., Daughters, G. T., Ingels, N. B., Miller, C. D.  
1999; 68 (3): 894-902
- **Thoracic aortic aneurysm repair with an endovascular stent graft: The "first generation"** *Aortic Surgery Symposium VI*  
Mitchell, R. S., Miller, D. C., Dake, M. D., Semba, C. P., Moore, K. A., Sakai, T.  
ELSEVIER SCIENCE INC.1999: 1971-74
- **Percutaneous balloon fenestration and stenting for life-threatening ischemic complications in patients with acute aortic dissection** *24th Annual Meeting of the Western-Thoracic-Surgical-Association*  
Slonim, S. M., Miller, D. C., Mitchell, R. S., Semba, C. P., Razavi, M. K., Dake, M. D.  
MOSBY-ELSEVIER.1999: 1118-26
- **Endovascular treatment of descending thoracic aortic aneurysms and dissections** *SURGICAL CLINICS OF NORTH AMERICA*  
Fann, J. I., Miller, D. C.  
1999; 79 (3): 551-?
- **Endografts for the treatment of descending thoracic aortic aneurysm: Results of the first 150 procedures**  
Dake, M., Semba, C., Kee, S., Razavi, M., Slonim, S., Samuels, S., Sze, D., Mitchell, R., Miller, D.  
INT SOC ENDOVASCULAR SPECIALIST.1999: 189-89
- **Potential mechanism of left ventricular outflow tract obstruction after mitral ring annuloplasty** *24th Annual Meeting of the Western-Thoracic-Surgical-Association*  
Dagum, P., Green, G. R., Glasson, J. R., Daughters, G. T., Bolger, A. F., Foppiano, L. E., Ingels, N. B., Miller, D. C.  
MOSBY-ELSEVIER.1999: 472-80
- **Mitral annular size and shape in sheep with annuloplasty rings** *Meeting of the American-Heart-Association*  
Glasson, J. R., Green, G. R., Nistal, J. F., Dagum, P., Komeda, M., Daughters, G. T., Bolger, A. F., Foppiano, L. E., Ingels, N. B., Miller, D. C.  
MOSBY-ELSEVIER.1999: 302-9
- **Semirigid or flexible mitral annuloplasty rings do not affect global or basal regional left ventricular systolic function** *CIRCULATION*  
Green, G. R., Dagum, P., Glasson, J. R., Daughters, G. T., Bolger, A. F., Foppiano, L. E., Ingels, N. B., Miller, D. C.  
1998; 98 (19): II128-II135
- **Estimation of regional left ventricular wall stresses in intact canine hearts** *45th Annual Scientific Session of the American-College-of-Cardiology*  
DeAnda, A., Komeda, M., Moon, M. R., Green, G. R., Bolger, A. F., Nikolic, S. D., Daughters, G. T., Miller, D. C.  
AMER PHYSIOLOGICAL SOC.1998: H1879-H1885
- **Estimation of regional left ventricular wall stresses in intact canine hearts.** *American journal of physiology. Heart and circulatory physiology*  
DeAnda, A. J., Komeda, M., Moon, M. R., Green, G. R., Bolger, A. F., Nikolic, S. D., Daughters, G. T., Miller, D. C.  
1998; 275 (5): H1879-H1885
- **Mitral valve replacement with partial vs complete chordal preservation: Functional outcome compared to primary repair**  
Sintek, C. F., Schuyler, G. T., Fletcher, A. D., Miller, D. C., Pheffer, T. A., Permanente, K., Zile, M. R., Khonsari, S.  
LIPPINCOTT WILLIAMS & WILKINS.1998: 59-59

- **Endovascular stent-graft placement to obliterate the entry tear: A new treatment for acute aortic dissection**  
Dake, M. D., Kato, N., Slonim, S. M., Razavi, M. K., Semba, C. P., Kee, S. T., Sze, D. Y., Samuels, S. L., Mitchell, R. S., Miller, D. C.  
LIPPINCOTT WILLIAMS & WILKINS.1998: 67-67
- **Effects of partial left ventriculectomy on left ventricular geometry and wall stress in excised porcine hearts** *JOURNAL OF HEART VALVE DISEASE*  
Green, G. R., Moon, M. R., DeAnda, A., Daughters, G. T., Glasson, J. R., Miller, D. C.  
1998; 7 (5): 474-483
- **Early systolic mitral leaflet "loitering" during acute ischemic mitral regurgitation** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Glasson, J. R., Komeda, M., Daughters, G. T., Bolger, A. F., Karlsson, M. O., Foppiano, L. E., Hayase, M., Oesterle, S. N., Ingels, N. B., Miller, D. C.  
1998; 116 (2): 193-204
- **Mitral valve opening in the ovine heart** *AMERICAN JOURNAL OF PHYSIOLOGY-HEART AND CIRCULATORY PHYSIOLOGY*  
Karlsson, M. O., Glasson, J. R., Bolger, A. F., Daughters, G. T., Komeda, M., Foppiano, L. E., Miller, D. C., Ingels, N. B.  
1998; 274 (2): H552-H563
- **Chordal preservation does not influence left ventricular diastolic function immediately following mitral valve replacement**  
Green, G. R., Dagum, P., Daughters, G. T., Ingels, N. B., Yun, K. L., Miller, D. C.  
ELSEVIER SCIENCE INC.1998: 151A
- **Diastolic function in the progression from acute to chronic MR**  
Dagum, P., Green, G. R., Daughters, G. T., Ingels, N. B., Yun, K. L., Miller, D. C.  
ELSEVIER SCIENCE INC.1998: 205A-206A
- **Mitral valve opening in the ovine heart.** *American journal of physiology. Heart and circulatory physiology*  
Karlsson, M. O., Glasson, J. R., Bolger, A. F., Daughters, G. T., Komeda, M., Foppiano, L. E., Miller, D. C., Ingels, N. B., (With the Technical Assistance of Carol W. Mead, M. K.  
1998; 274 (2): H552-H563
- **Mycotic aneurysms of the thoracic aorta: Repair with use of endovascular stent-grafts** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*  
Semba, C. P., Sakai, T., Slonim, S. M., Razavi, M. K., Kee, S. T., Jorgensen, M. J., Hagberg, R. C., Lee, G. K., Mitchell, R. S., Miller, D. C., Dake, M. D.  
1998; 9 (1): 33-40
- **Treatment of aortoiliac aneurysms with use of single-piece tapered stent-grafts** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*  
Kato, N., Dake, M. D., Semba, C. P., Razavi, M. K., Kee, S. T., Slonim, S. M., Samuels, S. L., Terasaki, K. K., Zarins, C. K., Mitchell, R. S., Miller, D. C.  
1998; 9 (1): 41-49
- **Traumatic thoracic aortic aneurysm: Treatment with endovascular stent-grafts** *RADIOLOGY*  
Kato, N., Dake, M. D., Miller, D. C., Semba, C. P., Mitchell, R. S., Razavi, M. K., Kee, S. T.  
1997; 205 (3): 657-662
- **Stent-graft repair of thoracic aortic aneurysms.** *Seminars in vascular surgery*  
Mitchell, R. S., Miller, D. C., Dake, M. D.  
1997; 10 (4): 257-271
- **Geometric determinants of ischemic mitral regurgitation.** *Circulation*  
Komeda, M., Glasson, J. R., Bolger, A. F., Daughters, G. T., MacIsaac, A., Oesterle, S. N., Ingels, N. B., Miller, D. C.  
1997; 96 (9): II-128 33
- **Most ovine mitral annular three-dimensional size reduction occurs before ventricular systole and is abolished with ventricular pacing** *CIRCULATION*  
Glasson, J. R., Komeda, M., Daughters, G. T., Foppiano, L. E., Bolger, A. F., Tye, T. L., Ingels, N. B., Miller, C.  
1997; 96 (9): 115-122
- **Time-related analysis of nonfatal heart valve complications - Cumulative incidence (actual) versus Kaplan-Meier (actuarial)**

- Grunkemeier, G. L., Anderson, R. P., Miller, C., Starr, A.  
AMER HEART ASSOC.1997: 70-74
- **Composite valve graft versus separate aortic valve and ascending aortic replacement - Is there still a role for the separate procedure?** *69th Annual Scientific Session of the American-Heart-Association*  
Yun, K. L., Miller, D. C., Fann, J. I., Mitchell, S., Robbins, R. C., Moore, K. A., Oyer, P. E., Stinson, E. B., Shumway, N. E., Reitz, B. A.  
LIPPINCOTT WILLIAMS & WILKINS.1997: 368-75
  - **Time-related analysis of nonfatal heart valve complications: cumulative incidence (actual) versus Kaplan-Meier (actuarial).** *Circulation*  
Grunkemeier, G. L., Anderson, R. P., Miller, D. C., Starr, A.  
1997; 96 (9): II-70 4
  - **Composite valve graft versus separate aortic valve and ascending aortic replacement: is there still a role for the separate procedure?** *Circulation*  
Yun, K. L., Miller, D. C., Fann, J. I., Mitchell, R. S., Robbins, R. C., Moore, K. A., Oyer, P. E., Stinson, E. B., Shumway, N. E., Reitz, B. A.  
1997; 96 (9): II-368 75
  - **Most ovine mitral annular three-dimensional size reduction occurs before ventricular systole and is abolished with ventricular pacing.** *Circulation*  
Glasson, J. R., Komeda, M., Daughters, G. T., Foppiano, L. E., Bolger, A. F., Tye, T. L., Ingels, N. B., Miller, D. C.  
1997; 96 (9): II-115 22
  - **Complete unloading alone may not adequately protect the left ventricle** *33rd Annual Meeting of the Society-of-Thoracic-Surgeons*  
Komeda, M., DeAnda, A., Glasson, J. R., Bolger, A. F., Daughters, G. T., Ingels, N. B., Miller, D. C.  
ELSEVIER SCIENCE INC.1997: 1250-55
  - **Continuing dilemmas concerning aortic valve replacement in patients with advanced left ventricular systolic dysfunction** *JOURNAL OF HEART VALVE DISEASE*  
Green, G. R., Miller, D. C.  
1997; 6 (6): 562-579
  - **Surgical treatment of endocarditis** *PROGRESS IN CARDIOVASCULAR DISEASES*  
Moon, M. R., Stinson, E. B., Miller, D. C.  
1997; 40 (3): 239-264
  - **Surgical treatment of endocarditis: Is there a role for mechanical prostheses?**  
Moon, M. R., Miller, D. C., Stinson, E. B., Mitchell, R. S., Oyer, P. E., Robbins, R. C., Shumway, N. E., Reitz, B. A.  
LIPPINCOTT WILLIAMS & WILKINS.1997: 2409-
  - **Ascending aortic aneurysm and aortic valve disease: what is the most optimal surgical technique?** *Seminars in thoracic and cardiovascular surgery*  
Yun, K. L., Miller, D. C.  
1997; 9 (3): 233-245
  - **Acute rupture of the descending thoracic aorta: Repair with use of endovascular stent-grafts** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*  
Semba, C. P., Kato, N., Kee, S. T., Lee, G. K., Mitchell, R. S., Miller, D. C., Dake, M. D.  
1997; 8 (3): 337-342
  - **Effects of mechanical left ventricular support on right ventricular diastolic function** *16th Annual Meeting and Scientific Sessions of the International-Society-for-Heart-and-Lung-Transplantation*  
Moon, M. R., DeAnda, A., Castro, L. J., Daughters, G. T., Ingels, N. B., Miller, D. C.  
MOSBY-YEAR BOOK INC.1997: 398-407
  - **Septal function during left ventricular unloading** *CIRCULATION*  
Moon, M. R., Bolger, A. F., DeAnda, A., Komeda, M., Daughters, G. T., Nikolic, S. D., Miller, D. C., Ingels, N. B.  
1997; 95 (5): 1320-1327
  - **Simultaneous abdominal aortic replacement and thoracic stent-graft placement for multilevel aortic disease** *Joint Annual Meeting of the Society-for-Vascular-Surgery and the North-American-Chapter of the International-Society-for-Cardiovascular-Surgery*  
Moon, M. R., Mitchell, R. S., Dake, M. D., Zarins, C. K., Fann, J. I., Miller, D. C.

MOSBY-YEAR BOOK INC.1997: 332-40

- **Papillary muscle - Left ventricular wall "complex"** *76th Annual Meeting of the American-Association-for-Thoracic-Surgery*  
Komeda, M., Glasson, J. R., Bolger, A. F., Daughters, G. T., Ingels, N. B., Miller, D. C.  
MOSBY-YEAR BOOK INC.1997: 292-300
- **Thoracic aortic aneurysm repair with endovascular stent-grafts.** *Vascular medicine*  
Semba, C. P., Mitchell, R. S., Miller, D. C., Kato, N., Kee, S. T., Chen, J. T., Dake, M. D.  
1997; 2 (2): 98-103
- **Effects of chordal disruption on regional left ventricular torsional deformation.** *Circulation*  
Moon, M. R., DeAnda, A., Daughters, G. T., Ingels, N. B., Miller, D. C.  
1996; 94 (9): 11143-51
- **Effects of chordal disruption on regional left ventricular torsional deformation**  
Moon, M. R., DeAnda, A., Daughters, G. T., Ingels, N. B., Miller, C.  
AMER HEART ASSOC.1996: 143-151
- **Loss of three-dimensional canine mitral annular systolic contraction with reduced left ventricular volumes** *CIRCULATION*  
Glasson, J. R., Komeda, M., Daughters, G. T., Bolger, A. F., Ingels, N. B., Miller, D. C.  
1996; 94 (9): 152-158
- **Twenty-year clinical experience with porcine bioprostheses** *32nd Annual Meeting of the Society-of-Thoracic-Surgeons*  
Fann, J. I., Miller, D. C., Moore, K. A., Mitchell, R. S., Oyer, P. E., Stinson, E. B., Robbins, R. C., Reitz, B. A., Shumway, N. E.  
ELSEVIER SCIENCE INC.1996: 1301-11
- **Three-dimensional dynamic geometry of the normal canine mitral annulus and papillary muscles.** *Circulation*  
Komeda, M., Glasson, J. R., Bolger, A. F., Daughters, G. T., Niczyporuk, M. A., Ingels, N. B., Miller, D. C.  
1996; 94 (9): 11159-63
- **Loss of three-dimensional canine mitral annular systolic contraction with reduced left ventricular volumes.** *Circulation*  
Glasson, J. R., Komeda, M., Daughters, G. T., Bolger, A. F., Ingels, N. B., Miller, D. C.  
1996; 94 (9): 11152-8
- **Composite versus separate aortic valve and ascending aortic replacement - 30 year experience**  
Yun, K. L., Fann, J. I., Miller, D. C., Mitchell, R. S., Robbins, R. C., Oyer, P. E., Stinson, E. B., Reitz, B. A., Shumway, N. E.  
LIPPINCOTT WILLIAMS & WILKINS.1996: 1017-17
- **Three-dimensional dynamics of the canine mitral annulus during ischemic mitral regurgitation** *32nd Annual Meeting of the Society-of-Thoracic-Surgeons*  
Glasson, J. R., Komeda, M., Daughters, G. T., Bolger, A. F., MacIsaac, A., Oesterle, S. N., Ingels, N. B., Miller, D. C.  
ELSEVIER SCIENCE INC.1996: 1059-67
- **Radiographic detection of single strut leg separations as a putative basis for prophylactic explantation of Bjork-Shiley convexo-concave heart valves** *International Surgical Week*  
Chandler, J. G., Hirsch, J. L., Oneill, W. W., Oesterle, S. N., Miller, D. C., Kennedy, J. A., Faichney, A.  
SPRINGER VERLAG.1996: 953-60
- **True lumen obliteration in complicated aortic dissection: Endovascular treatment** *1995 Annual Meeting of the Radiological-Society-of-North-America*  
Slonim, S. M., NYMAN, U. R., Semba, C. P., Miller, D. C., Mitchell, R. S., Dake, M. D.  
RADIOLOGICAL SOC NORTH AMER.1996: 161-66
- **Accuracy of biplane and multiplane transesophageal echocardiography in diagnosis of typical acute aortic dissection and intramural hematoma** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*  
Keren, A., Kim, C. B., Hu, B. S., Eyngorina, I., Billingham, M. E., Mitchell, R. S., Miller, D. C., Popp, R. L., Schnittger, I.  
1996; 28 (3): 627-636
- **Guidelines for reporting morbidity and mortality after cardiac valvular operations** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Edmunds, L. H., Clark, R. E., Cohn, L. H., Grunkemeier, G. L., Miller, D. C., Weisel, R. D.

1996; 112 (3): 708-711

- **Guidelines for reporting morbidity and mortality after cardiac valvular operations** *EUROPEAN JOURNAL OF CARDIO-THORACIC SURGERY*  
Edmunds, L. H., Clark, R. E., Cohn, L. H., Grunkemeier, G. L., Miller, D. C., Weisel, R. D.  
1996; 10 (9): 812-816
- **Improving methods of chordal-sparing mitral valve replacement .2. Optimal tension for chordal resuspension** *Chordal Replacement Colloquium*  
Komeda, M., DeAnda, A., Glasson, J. R., Bolger, A. F., Nikolic, S. D., Ingels, N. B., Miller, D. C.  
I C R PUBLISHERS.1996: 477-83
- **Improving methods of chordal-sparing mitral valve replacement .3. Optimal direction for artificial chordae** *68th Annual Meeting of the American-Heart-Association*  
Komeda, M., DeAnda, A., Glasson, J. R., Daughters, G. T., Bolger, A. F., Nikolic, S. D., Ingels, N. B., Miller, D. C.  
I C R PUBLISHERS.1996: 484-90
- **Improving methods of chordal sparing mitral valve replacement .1. A new, non-distorting isovolumic balloon preparation for the left ventricle with intact mitral subvalvular apparatus** *Chordal Replacement Colloquium*  
Komeda, M., Bolger, A. F., DeAnda, A., Tomizawa, Y., Ingels, N. B., Miller, C.  
I C R PUBLISHERS.1996: 376-82
- **Porcine valves: Hancock and Carpentier-Edwards aortic prostheses.** *Seminars in thoracic and cardiovascular surgery*  
Fann, J. I., Miller, D. C.  
1996; 8 (3): 259-268
- **Endovascular stent-graft repair of thoracic aortic aneurysms** *21st Annual Meeting of the Western-Thoracic-Surgical-Association*  
Mitchell, R. S., Dake, M. D., Semba, C. P., Fogarty, T. J., Zarins, C. K., Liddell, R. P., Miller, D. C.  
MOSBY-YEAR BOOK INC.1996: 1054-60
- **Left ventricular diastolic suction with zero left atrial pressure in open-chest dogs** *AMERICAN JOURNAL OF PHYSIOLOGY-HEART AND CIRCULATORY PHYSIOLOGY*  
Ingels, N. B., Daughters, G. T., Nikolic, S. D., DeAnda, A., Moon, M. R., Bolger, A. F., Komeda, M., Derby, G. C., Yellin, E. L., Miller, D. C.  
1996; 270 (4): H1217-H1224
- **Three-dimensional regional dynamics of the normal mitral anulus during left ventricular ejection** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Glasson, J. R., Komeda, M., Daughters, G. T., Niczyporuk, M. A., Bolger, A. F., Ingels, N. B., Miller, D. C.  
1996; 111 (3): 574-584
- **Aortic dissection: Percutaneous management of ischemic complications with endovascular stents and balloon fenestration** *49th Annual Meeting of the Society-for-Vascular-Surgery*  
Slonim, S. M., Nyman, U., Semba, C. P., Miller, D. C., Mitchell, R. S., Dake, M. D.  
MOSBY-ELSEVIER.1996: 241-51
- **Exploring better methods to preserve the chordae tendineae during mitral valve replacement** *31st Annual Meeting of the Society-of-Thoracic-Surgeons*  
Komeda, M., DeAnda, A., Glasson, J. R., Bolger, A. F., Tomizawa, Y., Daughters, G. T., Tye, T. L., Ingels, N. B., Miller, D. C.  
ELSEVIER SCIENCE INC.1995: 1652-57
- **Left ventricular function, twist, and recoil after mitral valve replacement.** *Circulation*  
DeAnda, A., Komeda, M., Nikolic, S. D., Daughters, G. T., Ingels, N. B., Miller, D. C.  
1995; 92 (9): II458-66
- **SURGICAL-MANAGEMENT OF AORTIC DISSECTION DURING A 30-YEAR PERIOD** *CIRCULATION*  
Fann, J. I., Smith, J. A., Miller, D. C., Mitchell, R. S., Moore, K. A., Grunkemeier, G., Stinson, E. B., Oyer, P. E., Reitz, B. A., Shumway, N. E.  
1995; 92 (9): 113-121
- **LEFT-VENTRICULAR FUNCTION, TWIST, AND RECOIL AFTER MITRAL-VALVE REPLACEMENT** *CIRCULATION*  
DeAnda, A., Komeda, M., Nikolic, S. D., Daughters, G. T., Ingels, N. B., Miller, D. C.  
1995; 92 (9): 458-466

- **Surgical management of aortic dissection during a 30-year period.** *Circulation*  
Fann, J. I., Smith, J. A., Miller, D. C., Mitchell, R. S., Moore, K. A., Grunkemeier, G., Stinson, E. B., Oyer, P. E., Reitz, B. A., Shumway, N. E.  
1995; 92 (9): 1113-21
- **ENDOVASCULAR STENT-GRAFTING AFTER ARCH ANEURYSM REPAIR USING THE ELEPHANT TRUNK** *ANNALS OF THORACIC SURGERY*  
Fann, J. I., Dake, M. D., Semba, C. P., Liddell, R. P., Pfeffer, T. A., Miller, D. C.  
1995; 60 (4): 1102-1105
- **Torsional deformation of the left ventricle.** *journal of heart valve disease*  
Yun, K. L., Miller, D. C.  
1995; 4: S214-20
- **DURABILITY OF THE HANCOCK-MO BIOPROSTHESIS COMPARED WITH STANDARD AORTIC-VALVE BIOPROSTHESES** *VI International Symposium for Cardiac Bioprostheses*  
Yun, K. L., Miller, D. C., Moore, K. A., Mitchell, R. S., Oyer, P. E., Stinson, E. B., Robbins, R. C., Reitz, B. A., Shumway, N. E.  
ELSEVIER SCIENCE INC.1995: S221–S228
- **PREGNANCY AND BIOPROSTHESES - INFLUENCE ON STRUCTURAL VALVE DETERIORATION**  
JAMIESON, W. R., MILLER, D. C., AKINS, C. W., MUNRO, A. I., GLOWER, D. D., MOORE, K. A., HENDERSON, C.  
ELSEVIER SCIENCE PUBL CO INC.1995: S282–S287
- **A METHOD TO ASSESS ENDOCARDIAL REGIONAL LONGITUDINAL CURVATURE OF THE LEFT-VENTRICLE** *AMERICAN JOURNAL OF PHYSIOLOGY-HEART AND CIRCULATORY PHYSIOLOGY*  
DeAnda, A., Moon, M. R., Nikolic, S. D., Castro, L. J., Fann, J. I., Daughters, G. T., Ingels, N. B., Miller, D. C.  
1995; 268 (6): H2553-H2560
- **A METHOD TO ASSESS ENDOCARDIAL REGIONAL LONGITUDINAL CURVATURE OF THE LEFT-VENTRICLE** *AMERICAN JOURNAL OF PHYSIOLOGY-HEART AND CIRCULATORY PHYSIOLOGY*  
DEANDA, A., MOON, M. R., NIKOLIC, S. D., CASTRO, L. J., FANN, J. I., DAUGHTERS, G. T., INGELS, N. B., MILLER, D. C.  
1995; 268 (6): H2553-H2560
- **A GLY1127SER MUTATION IN AN EGF-LIKE DOMAIN OF THE FIBRILLIN-1 GENE IS A RISK FACTOR FOR ASCENDING AORTIC-ANEURYSM AND DISSECTION** *AMERICAN JOURNAL OF HUMAN GENETICS*  
FRANCKE, U., Berg, M. A., Tynan, K., Brenn, T., Liu, W. G., Aoyama, T., Gasner, C., Miller, D. C., FURTHMAYR, H.  
1995; 56 (6): 1287-1296
- **AORTIC DISSECTION** *ANNALS OF VASCULAR SURGERY*  
Fann, J. I., Miller, D. C.  
1995; 9 (3): 311-323
- **EVALUATION OF MYOCARDIAL MOTION TRACKING WITH CINE-PHASE CONTRAST MAGNETIC-RESONANCE-IMAGING** *INVESTIGATIVE RADIOLOGY*  
Pelc, L. R., Sayre, J., Yun, K., Castro, L. J., Herfkens, R. J., Miller, D. C., Pelc, N. J.  
1994; 29 (12): 1038-1042
- **Left ventricular torsional dynamics immediately after mitral valve replacement.** *Circulation*  
DeAnda, A., Moon, M. R., Yun, K. L., Daughters, G. T., Ingels, N. B., Miller, D. C.  
1994; 90 (5): 11339-46
- **SURGICAL-MANAGEMENT OF AORTIC DISSECTION IN PATIENTS WITH THE MARFAN-SYNDROME** *66th Scientific Sessions of the American-Heart-Association:Cardiovascular Surgery 1993*  
Smith, J. A., Fann, J. I., Miller, D. C., Moore, K. A., DeAnda, A., Mitchell, R. S., Stinson, E. B., Oyer, P. E., Reitz, B. A., Shumway, N. E.  
AMER HEART ASSOC.1994: 235–42
- **CORONARY-BYPASS GRAFTING WITH BIOLOGICAL GRAFTS IN A CANINE MODEL** *66th Scientific Sessions of the American-Heart-Association:Cardiovascular Surgery 1993*  
Tomizawa, Y., Moon, M. R., DeAnda, A., Castro, L. J., Kosek, J., Miller, D. C.  
AMER HEART ASSOC.1994: 160–66

- **EFFECTS OF LEFT-VENTRICULAR SUPPORT ON RIGHT-VENTRICULAR MECHANICS DURING EXPERIMENTAL RIGHT-VENTRICULAR ISCHEMIA** *66th Scientific Sessions of the American-Heart-Association:Cardiovascular Surgery 1993*  
Moon, M. R., Castro, L. J., DeAnda, A., Daughters, G. T., Ingels, N. B., Miller, D. C.  
AMER HEART ASSOC.1994: 92-101
- **LEFT-VENTRICULAR TORSIONAL DYNAMICS IMMEDIATELY AFTER MITRAL-VALVE REPLACEMENT** *66th Scientific Sessions of the American-Heart-Association:Cardiovascular Surgery 1993*  
DeAnda, A., Moon, M. R., Yun, K. L., Daughters, G. T., Ingels, N. B., Miller, D. C.  
AMER HEART ASSOC.1994: 339-46
- **SOMATOSENSORY-EVOKED POTENTIALS DURING EXCLUSION AND REPERFUSION OF CRITICAL AORTIC SEGMENTS IN THORACOABDOMINAL AORTIC-ANEURYSM SURGERY - DISCUSSION** *JOURNAL OF CARDIAC SURGERY*  
Cooley, D. A., Coselli, J. S., Cunningham, J. N., Ergin, M. A., Miller, D. C.  
1994; 9 (6): 703-712
- **Surgical management of aortic dissection in patients with the Marfan syndrome.** *Circulation*  
Smith, J. A., Fann, J. I., Miller, D. C., Moore, K. A., DeAnda, A., Mitchell, R. S., Stinson, E. B., Oyer, P. E., Reitz, B. A., Shumway, N. E.  
1994; 90 (5): 11235-42
- **Effects of left ventricular support on right ventricular mechanics during experimental right ventricular ischemia.** *Circulation*  
Moon, M. R., Castro, L. J., DeAnda, A., Daughters, G. T., Ingels, N. B., Miller, D. C.  
1994; 90 (5): 1192-101
- **Coronary bypass grafting with biological grafts in a canine model.** *Circulation*  
Tomizawa, Y., Moon, M. R., DeAnda, A., Castro, L. J., Kosek, J., Miller, D. C.  
1994; 90 (5): 11160-6
- **EXPERIMENTAL EVALUATION OF DIFFERENT CHORDAL PRESERVATION METHODS DURING MITRAL-VALVE REPLACEMENT** *30th Annual Meeting of the Society-of-Thoracic-Surgeons*  
Moon, M. R., DeAnda, A., Daughters, G. T., Ingels, N. B., Miller, D. C.  
ELSEVIER SCIENCE INC.1994: 931-44
- **PERCUTANEOUS BALLOON FENESTRATION OF THE AORTA TO RELIEVE ISCHEMIC COMPLICATIONS OF AORTIC DISSECTION**  
Williams, D. M., Marx, M. V., Dake, M. D., Semba, C. P., Andrews, J. C., Deeb, G. M., Miller, D. C.  
LIPPINCOTT WILLIAMS & WILKINS.1994: 10-10
- **SURGICAL-MANAGEMENT OF AORTIC DISSECTION OVER 30 YEARS**  
Fann, J. I., Smith, J. A., Miller, D. C., Mitchell, R. S., Moore, K., Oyer, P. E., STINSOUN, E. B., Reitz, B. A., Shumway, N. E.  
LIPPINCOTT WILLIAMS & WILKINS.1994: 96-96
- **TRANSLUMINALLY PLACED ENDOVASCULAR STENT GRAFTS FOR THE TREATMENT OF ABDOMINAL AORTIC AND NON-AORTIC ANEURYSMS**  
Dake, M. D., Semba, C. P., Mitchell, R. S., Zarins, C. K., Miller, D. C.  
LIPPINCOTT WILLIAMS & WILKINS.1994: 206-
- **ACTUARIAL VERSUS ACTUAL RISK OF PORCINE STRUCTURAL VALVE DETERIORATION** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Grunkemeier, G. L., Jamieson, W. R., Miller, D. C., Starr, A.  
1994; 108 (4): 709-718
- **THE AORTIC-ARCH - DISCUSSION** *JOURNAL OF CARDIAC SURGERY*  
Borst, H. G., Coselli, J. S., Ergin, M. A., Griep, R. B., Kouchoukos, N., Miller, D. C., YONKS, Murphy, Melo, RAMMOS, BRAIS, Bavaria, AKI, MEADORS, Westaby  
1994; 9 (5): 614-623
- **SYNTHETIC PEPTIDE THROMBIN INHIBITOR** *CIRCULATION*  
DeAnda, A., Coutre, S., Miller, D. C.  
1994; 90 (3): 1581-1582
- **PILOT-STUDY OF THE EFFICACY OF A THROMBIN INHIBITOR FOR USE DURING CARDIOPULMONARY BYPASS** *30th Annual Meeting of the Society-of-Thoracic-Surgeons*

- DeAnda, A., Coutre, S. E., Moon, M. R., Vial, C. M., Griffin, L. C., Law, V. S., Komeda, M., Leung, L. L., Miller, D. C.  
ELSEVIER SCIENCE INC.1994: 344-50
- **LEFT ATRIAL PRESSURE-CLAMP SERVOMECHANISM DEMONSTRATES LV-SUCTION IN CANINE HEARTS WITH NORMAL MITRAL-VALVES** *AMERICAN JOURNAL OF PHYSIOLOGY*  
Ingels, N. B., Daughters, G. T., Nikolic, S. D., DeAnda, A., Moon, M. R., Bolger, A. F., Komeda, M., Derby, G. C., Yellin, E. L., Miller, D. C.  
1994; 267 (1): H354-H362
  - **DYNAMICS OF NORMAL AND ISCHEMIC CANINE PAPILLARY-MUSCLES** *CIRCULATION RESEARCH*  
Rayhill, S. C., Daughters, G. T., Castro, L. J., Niczyporuk, M. A., Moon, M. R., Ingels, N. B., Stadius, M. L., Derby, G. C., Bolger, A. F., Miller, D. C.  
1994; 74 (6): 1179-1187
  - **1986: Pharmacological, hematological, and physiological effects of a new thromboxane synthetase inhibitor (CGS-13080) during cardiopulmonary bypass in dogs. Updated in 1994.** *Annals of thoracic surgery*  
DeAnda, A., Miller, D. C.  
1994; 57 (3): 778-780
  - **IN-VIVO LOAD INDEPENDENCE OF LEFT ATRIAL ELASTANCE**  
DEANDA, A., MOON, M. R., KOMEDA, M., HANDEN, C. E., TYE, T., DAUGHTERS, G. T., INGELS, N. B., MILLER, D. C., NIKOLIC, S. D.  
ELSEVIER SCIENCE INC.1994: A164
  - **ALTERATIONS IN LEFT-VENTRICULAR TWIST MECHANICS WITH INOTROPIC STIMULATION AND VOLUME LOADING IN HUMAN-SUBJECTS** *65TH Scientific Sessions of the American-Heart-Association*  
Moon, M. R., Ingels, N. B., Daughters, G. T., Stinson, E. B., Hansen, D. E., Miller, D. C.  
LIPPINCOTT WILLIAMS & WILKINS.1994: 142-50
  - **AORTIC COBWEBS - AN ANATOMIC MARKER IDENTIFYING THE FALSE LUMEN IN AORTIC DISSECTION - IMAGING AND PATHOLOGICAL CORRELATION** *RADIOLOGY*  
Williams, D. M., Joshi, A., Dake, M. D., Deeb, G. M., Miller, D. C., Abrams, G. D.  
1994; 190 (1): 167-174
  - **THE USE OF ENDOVASCULAR TECHNIQUES FOR THE TREATMENT OF COMPLICATIONS OF AORTIC DISSECTION** *JOURNAL OF VASCULAR SURGERY*  
Walker, P. J., Dake, M. D., Mitchell, R. S., Miller, D. C.  
1993; 18 (6): 1042-1051
  - **MUTATION SCREENING OF COMPLETE FIBRILLIN-1 CODING SEQUENCE - REPORT OF 5 NEW MUTATIONS, INCLUDING 2 IN 8-CYSTEINE DOMAINS** *HUMAN MOLECULAR GENETICS*  
Tynan, K., COMEAU, K., Pearson, M., Wilgenbus, P., Levitt, D., Gasner, C., Berg, M. A., Miller, D. C., FRANCKE, U.  
1993; 2 (11): 1813-1821
  - **MANAGEMENT OF PATIENTS WITH INTRAMURAL HEMATOMA OF THE THORACIC AORTA** *65TH Scientific Sessions of the American-Heart-Association*  
Robbins, R. C., McManus, R. P., Mitchell, R. S., LATTER, D. R., Moon, M. R., Olinger, G. N., Miller, D. C.  
AMER HEART ASSOC.1993: 1-10
  - **RANDOMIZED, PROSPECTIVE ASSESSMENT OF BIOPROSTHETIC VALVE DURABILITY - HANCOCK VERSUS CARPENTIER-EDWARDS VALVES** *CIRCULATION*  
Sarris, G. E., Robbins, R. C., Miller, D. C., Mitchell, R. S., Moore, K. A., Stinson, E. B., Oyer, P. E., Reitz, B. A., Shumway, N. E.  
1993; 88 (5): 55-64
  - **Management of patients with intramural hematoma of the thoracic aorta.** *Circulation*  
Robbins, R. C., McManus, R. P., Mitchell, R. S., LATTER, D. R., Moon, M. R., Olinger, G. N., Miller, D. C.  
1993; 88 (5): 111-110
  - **Randomized, prospective assessment of bioprosthetic valve durability. Hancock versus Carpentier-Edwards valves.** *Circulation*  
Sarris, G. E., Robbins, R. C., Miller, D. C., Mitchell, R. S., Moore, K. A., Stinson, E. B., Oyer, P. E., Reitz, B. A., Shumway, N. E.  
1993; 88 (5): 1155-64
  - **3-DIMENSIONAL SPIRAL COMPUTED TOMOGRAPHIC ANGIOGRAPHY - AN ALTERNATIVE IMAGING MODALITY FOR THE ABDOMINAL-AORTA AND ITS BRANCHES** *8TH ANNUAL MEETING OF THE WESTERN-VASCULAR-SOC*

- Rubin, G. D., Walker, P. J., Dake, M. D., Napel, S., Jeffrey, R. B., McDonnell, C. H., Mitchell, R. S., Miller, D. C.  
MOSBY-ELSEVIER.1993: 656-65
- **Utilization of manufacturers' implant card data to estimate heart valve failure.** *journal of heart valve disease*  
Grunkemeier, G. L., Chandler, J. G., Miller, D. C., Jamieson, W. R., Starr, A.  
1993; 2 (5): 493-503
  - **ABNORMAL POSTOPERATIVE INTERVENTRICULAR MOTION - NEW INTRAOPERATIVE TRANSESOPHAGEAL ECHOCARDIOGRAPHIC EVIDENCE SUPPORTS A NOVEL HYPOTHESIS** *AMERICAN HEART JOURNAL*  
Wranne, B., Pinto, F. J., Siegel, L. C., Miller, D. C., Schnittger, I.  
1993; 126 (1): 161-167
  - **RIGHT-VENTRICULAR DYNAMICS DURING LEFT-VENTRICULAR ASSISTANCE IN CLOSED-CHEST DOGS** *29TH ANNUAL MEETING OF THE SOC OF THORACIC SURGEONS*  
Moon, M. R., Castro, L. J., DeAnda, A., Tomizawa, Y., Daughters, G. T., Ingels, N. B., Miller, D. C.  
ELSEVIER SCIENCE INC.1993: 54-67
  - **THROMBIN APTAMER AS AN ANTICOAGULANT FOR CANINE CARDIOPULMONARY BYPASS**  
Coutre, S. E., Griffin, L. C., Moon, M. R., DeAnda, A., Law, V. S., Leung, L. L., Miller, D. C.  
SCHATTAUER GMBH-VERLAG MEDIZIN NATURWISSENSCHAFTEN.1993: 540-40
  - **INTRAVASCULAR STENTING OF ACUTE EXPERIMENTAL TYPE-B DISSECTIONS** *1992 Annual Meeting of the Association-for-Academic-Surgery*  
Moon, M. R., Dake, M. D., Pelc, L. R., Liddell, R., Castro, L. J., Mitchell, R. S., Miller, D. C.  
ACADEMIC PRESS INC JNL-COMP SUBSCRIPTIONS.1993: 381-88
  - **ANNULOPLASTY WITH FLEXIBLE OR RIGID RING DOES NOT ALTER LEFT-VENTRICULAR SYSTOLIC PERFORMANCE, ENERGETICS, OR VENTRICULAR-ARTERIAL COUPLING IN CONSCIOUS, CLOSED-CHEST DOGS** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Castro, L. J., Moon, M. R., Rayhill, S. C., Niczyporuk, M. A., Ingels, N. B., Daughters, G. T., Derby, G. C., Miller, D. C.  
1993; 105 (4): 643-659
  - **EVALUATION OF REGIONAL LONGITUDINAL CURVATURE OF THE LEFT-VENTRICLE DURING THE CARDIAC CYCLE**  
DEANDA, A., NIKOLIC, S. D., MOON, M. R., CASTRO, L. J., DAUGHTERS, G. T., INGELS, N. B., MILLER, D. C.  
FEDERATION AMER SOC EXP BIOL.1993: A651
  - **VALVULAR DISEASE IN THE ELDERLY - INFLUENCE ON SURGICAL RESULTS** *ANNALS OF THORACIC SURGERY*  
Davis, E. A., Gardner, T. J., Gillinov, A. M., Baumgartner, W. A., Cameron, D. E., Gott, V. L., Stuart, R. S., Watkins, L., Reitz, B. A., Akins, C. W., Miller, D. C., Reitz, B. A., David, et al  
1993; 55 (2): 333-338
  - **Composite aortic valve replacement and graft replacement of the ascending aorta plus coronary ostial reimplantation: how I do it.** *Seminars in thoracic and cardiovascular surgery*  
Miller, D. C., Mitchell, R. S.  
1993; 5 (1): 74-83
  - **ARTERIAL AND VENOUS-BLOOD FLOW - NONINVASIVE QUANTITATION WITH MR IMAGING** *RADIOLOGY*  
Pelc, L. R., Pelc, N. J., Rayhill, S. C., Castro, L. J., Glover, G. H., Herfkens, R. J., Miller, D. C., Jeffrey, R. B.  
1992; 185 (3): 809-812
  - **Rigid ring fixation of the mitral annulus does not impair left ventricular systolic function in the normal canine heart.** *Circulation*  
Rayhill, S. C., Castro, L. J., NIZYPORUK, M. A., Ingels, N. B., Daughters, G. T., Derby, G. C., Tye, T. L., Bolger, A. F., Miller, D. C.  
1992; 86 (5): 1126-38
  - **EFFECTS OF THE PERICARDIUM ON LEFT-VENTRICULAR DIASTOLIC FILLING AND SYSTOLIC PERFORMANCE EARLY AFTER CARDIAC OPERATIONS** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Daughters, G. T., Frist, W. H., Alderman, E. L., Derby, G. C., Ingels, N. B., Miller, D. C.  
1992; 104 (4): 1084-1091
  - **CLINICAL USE OF INTRAVASCULAR ULTRASOUND IN STENTING ISCHEMIC COMPLICATIONS OF AORTIC DISSECTION**  
Dake, M. D., Wexler, L., Walker, P. J., Mitchell, R. S., Miller, D. C.

LIPPINCOTT WILLIAMS & WILKINS.1992: 364-64

● **MANAGEMENT OF INTRAMURAL HEMATOMA OF THE THORACIC AORTA**

Robbins, R. C., MACMANUS, R. P., Mitchell, R. S., LATTER, D. R., Olinger, G. N., Miller, D. C.

LIPPINCOTT WILLIAMS & WILKINS.1992: 12-12

● **RANDOMIZED, PROSPECTIVE ASSESSMENT OF BIOPROSTHESIS DURABILITY - HANCOCK VS CARPENTIER-EDWARDS VALVES**

Sarris, G. E., Robbins, R. C., Miller, D. C., Mitchell, R. S., Moore, K. A., Stinson, E. B., Oyer, P. E., Starnes, V. A., Shumway, N. E.

LIPPINCOTT WILLIAMS & WILKINS.1992: 496-96

● **LEFT-VENTRICULAR MECHANICS AND ENERGETICS IN THE DILATED CANINE HEART - ACUTE VERSUS CHRONIC MITRAL REGURGITATION** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*

Yun, K. L., Rayhill, S. C., NICZPORUK, M. A., Fann, J. I., Derby, G. C., Daughters, G. T., Ingels, N. B., Miller, D. C.

1992; 104 (1): 26-39

● **CONCOMITANT ARCH REPAIR IN ACUTE TYPE-A AORTIC DISSECTION** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*

MILLER, D. C.

1992; 104 (1): 206-8

● **DURABILITY OF PORCINE VALVES AT 15 YEARS IN A REPRESENTATIVE NORTH-AMERICAN PATIENT POPULATION** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*

Burdon, T. A., Miller, D. C., Oyer, P. E., Mitchell, R. S., Stinson, E. B., Starnes, V. A., Shumway, N. E.

1992; 103 (2): 238-252

● **REGIONAL EPICARDIAL AND ENDOCARDIAL 2-DIMENSIONAL FINITE DEFORMATIONS IN CANINE LEFT-VENTRICLE** *AMERICAN JOURNAL OF PHYSIOLOGY*

Fann, J. I., Sarris, G. E., Ingels, N. B., Niczyporuk, M. A., Yun, K. L., Daughters, G. T., Derby, G. C., Miller, D. C.

1991; 261 (5): H1402-H1410

● **REGIONAL EPICARDIAL AND ENDOCARDIAL 2-DIMENSIONAL FINITE DEFORMATIONS IN CANINE LEFT-VENTRICLE** *AMERICAN JOURNAL OF PHYSIOLOGY*

FANN, J. I., SARRIS, G. E., INGELS, N. B., NICZYPORUK, M. A., YUN, K. L., DAUGHTERS, G. T., DERBY, G. C., MILLER, D. C.

1991; 261 (5): H1402-H1410

● **EFFECTS OF FISH OIL ON GRAFT ARTERIOSCLEROSIS AND MHC CLASS-II ANTIGEN EXPRESSION IN RAT HETEROTOPIC CARDIAC ALLOGRAFTS** *JOURNAL OF HEART AND LUNG TRANSPLANTATION*

Yun, K. L., Michie, S. A., Fann, J. I., Billingham, M. E., Miller, D. C.

1991; 10 (6): 1004-1111

● **Improved follow-up for patients with chronic dissections.** *Seminars in thoracic and cardiovascular surgery*

Miller, D. C.

1991; 3 (4): 270-276

● **AORTIC DISSECTION RESULTING FROM TEAR OF TRANSVERSE ARCH - IS CONCOMITANT ARCH REPAIR WARRANTED** *16TH ANNUAL MEETING OF THE WESTERN THORACIC SURGICAL ASSOC*

Yun, K. L., Glower, D. D., Miller, D. C., Fann, J. I., Mitchell, R. S., White, W. D., Rankin, J. S., Wolfe, W. G., Shumway, N. E.

MOSBY-ELSEVIER.1991: 355-70

● **DOSE-RESPONSE OF FISH OIL VERSUS SAFFLOWER OIL ON GRAFT ARTERIOSCLEROSIS IN RABBIT HETEROTOPIC CARDIAC ALLOGRAFTS** *ANNALS OF SURGERY*

Yun, K. L., Fann, J. I., Sokoloff, M. H., Fong, L. G., Sarris, G. E., Billingham, M. E., Miller, D. C.

1991; 214 (2): 155-167

● **PRESERVATION OF AORTIC-VALVE IN TYPE-A AORTIC DISSECTION COMPLICATED BY AORTIC REGURGITATION** *70TH ANNUAL MEETING OF THE AMERICAN ASSOC FOR THORACIC SURGERY*

Fann, J. I., Glower, D. D., Miller, D. C., Yun, K. L., Rankin, J. S., White, W. D., Smith, L. R., Wolfe, W. G., Shumway, N. E.

MOSBY-YEAR BOOK INC.1991: 62-75

● **Surgical management of acute aortic dissection: new data.** *Seminars in thoracic and cardiovascular surgery*

Miller, D. C.

1991; 3 (3): 225-237

- **Mitral valve repair versus replacement.** *Cardiology clinics*  
Yun, K. L., Miller, D. C.  
1991; 9 (2): 315-327
- **HUMAN VENTRICULAR REPOLARIZATION AND T-WAVE GENESIS** *PROGRESS IN CARDIOVASCULAR DISEASES*  
Franz, M. R., BARGHEER, K., COSTARDJACKLE, A., Miller, D. C., Lichtlen, P. R.  
1991; 33 (6): 369-384
- **AUTOMATIC TRACKING AND DIGITIZATION OF MULTIPLE RADIOPAQUE MYOCARDIAL MARKERS** *COMPUTERS AND BIOMEDICAL RESEARCH*  
Niczyporuk, M. A., Miller, D. C.  
1991; 24 (2): 129-142
- **EFFECT OF VOLUME LOADING, PRESSURE LOADING, AND INOTROPIC STIMULATION ON LEFT-VENTRICULAR TORSION IN HUMANS** *CIRCULATION*  
Hansen, D. E., Daughters, G. T., Alderman, E. L., Ingels, N. B., Stinson, E. B., Miller, D. C.  
1991; 83 (4): 1315-1326
- **FREEHAND ALLOGRAFT AORTIC-VALVE REPLACEMENT AND AORTIC ROOT REPLACEMENT - UTILITY OF INTRAOPERATIVE ECHOCARDIOGRAPHY AND DOPPLER COLOR FLOW MAPPING** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
BARTZOKIS, T., STGOAR, F., Dibiasse, A., Miller, D. C., Bolger, A. F.  
1991; 101 (3): 545-554
- **ALTERATIONS IN LEFT-VENTRICULAR DIASTOLIC TWIST MECHANICS DURING ACUTE HUMAN CARDIAC ALLOGRAFT-REJECTION** *CIRCULATION*  
Yun, K. L., Niczyporuk, M. A., Daughters, G. T., Ingels, N. B., Stinson, E. B., Alderman, E. L., Hansen, D. E., Miller, D. C.  
1991; 83 (3): 962-973
- **IMPORTANCE OF MITRAL SUBVALVULAR APPARATUS IN TERMS OF CARDIAC ENERGETICS AND SYSTOLIC MECHANICS IN THE EJECTING CANINE HEART** *JOURNAL OF CLINICAL INVESTIGATION*  
Yun, K. L., Niczyporuk, M. A., Sarris, G. E., Fann, J. I., Miller, D. C., Derby, G. C., Handen, C. E.  
1991; 87 (1): 247-254
- **TREATMENT OF PATIENTS WITH AORTIC DISSECTION PRESENTING WITH PERIPHERAL VASCULAR COMPLICATIONS** *ANNALS OF SURGERY*  
Fann, J. I., Sarris, G. E., Mitchell, R. S., Shumway, N. E., Stinson, E. B., Oyer, P. E., Miller, D. C.  
1990; 212 (6): 705-713
- **Importance of the mitral subvalvular apparatus for left ventricular segmental systolic mechanics.** *Circulation*  
Yun, K. L., Fann, J. I., Rayhill, S. C., NASSERBAKHT, F., Derby, G. C., Handen, C. E., Bolger, A. F., Miller, D. C.  
1990; 82 (5): IV89-104
- **Hemodynamic comparison of Hancock and Carpentier-Edwards mitral bioprosthetic valves.** *Circulation*  
Khan, S., Mitchell, R. S., Derby, G. C., Oyer, P. E., Miller, D. C.  
1990; 82 (5): IV75-81
- **Differences in Hancock and Carpentier-Edwards porcine xenograft aortic valve hemodynamics. Effect of valve size.** *Circulation*  
Khan, S. S., Mitchell, R. S., Derby, G. C., Oyer, P. E., Miller, D. C.  
1990; 82 (5): IV117-24
- **COMPARISON OF MEDICAL AND SURGICAL THERAPY FOR UNCOMPLICATED DESCENDING AORTIC DISSECTION** *CIRCULATION*  
Glower, D. D., Fann, J. I., SPEIER, R. H., Morrison, L., White, W. D., Smith, L. R., Rankin, J. S., Miller, D. C., Wolfe, W. G.  
1990; 82 (5): 39-46
- **Comparison of medical and surgical therapy for uncomplicated descending aortic dissection.** *Circulation*  
Glower, D. D., Fann, J. I., SPEIER, R. H., Morrison, L., White, W. D., Smith, L. R., Rankin, J. S., Miller, D. C., Wolfe, W. G.  
1990; 82 (5): IV39-46
- **HEMODYNAMIC COMPARISON OF HANCOCK AND CARPENTIER-EDWARDS MITRAL BIOPROSTHETIC VALVES** *CIRCULATION*  
Khan, S., Mitchell, R. S., Derby, G. C., Oyer, P. E., Miller, D. C.

- 1990; 82 (5): 75-81
- **THE REVERSIBILITY OF CANINE VEIN-GRAFT ARTERIALIZATION** *CIRCULATION*  
Fann, J. I., Sokoloff, M. H., Sarris, G. E., Yun, K. L., Kosek, J. C., Miller, D. C.  
1990; 82 (5): 9-18
  - **DIFFERENCES IN HANCOCK AND CARPENTIER-EDWARDS PORCINE XENOGRAFT AORTIC-VALVE HEMODYNAMICS - EFFECT OF VALVE SIZE** *CIRCULATION*  
Khan, S. S., Mitchell, R. S., Derby, G. C., Oyer, P. E., Miller, D. C.  
1990; 82 (5): 117-124
  - **The reversibility of canine vein-graft arterialization.** *Circulation*  
Fann, J. I., Sokoloff, M. H., Sarris, G. E., Yun, K. L., Kosek, J. C., Miller, D. C.  
1990; 82 (5): IV9-18
  - **IMPORTANCE OF THE MITRAL SUBVALVULAR APPARATUS FOR LEFT-VENTRICULAR SEGMENTAL SYSTOLIC MECHANICS** *CIRCULATION*  
Yun, K. L., Fann, J. I., Rayhill, S. C., NASSERBAKHT, F., Derby, G. C., Handen, C. E., Bolger, A. F., Miller, D. C.  
1990; 82 (5): 89-104
  - **CONGENITAL LEFT ATRIAL APPENDAGE ANEURYSM WITH INTACT PERICARDIUM - DIAGNOSIS BY TRANSESOPHAGEAL ECHOCARDIOGRAPHY** *AMERICAN HEART JOURNAL*  
COMESS, K. A., LABATE, D. P., WINTER, J. A., HILL, A. C., MILLER, D. C.  
1990; 120 (4): 992-96
  - **3-DIMENSIONAL LEFT-VENTRICULAR MIDWALL DYNAMICS IN THE TRANSPLANTED HUMAN HEART** *CIRCULATION*  
Ingels, N. B., Daughters, G. T., Stinson, E. B., Alderman, E. L., Miller, D. C.  
1990; 81 (6): 1837-1848
  - **Intraoperative echocardiography and Doppler color flow mapping in freehand allograft aortic valve and root replacement.** *Echocardiography (Mount Kisco, N.Y.)*  
Bolger, A. F., BARTZOKIS, T., Miller, D. C.  
1990; 7 (3): 229-240
  - **DETERMINANTS OF SURVIVAL AND LEFT-VENTRICULAR PERFORMANCE AFTER MITRAL-VALVE REPLACEMENT** *CIRCULATION*  
Crawford, M. H., Soucek, J., Oprian, C. A., Miller, D. C., Rahimtoola, S., Giacomini, J. C., Sethi, G., Hammermeister, K. E.  
1990; 81 (4): 1173-1181
  - **Predictors of outcome in patients with prosthetic valve endocarditis (PVE) and potential advantages of homograft aortic root replacement for prosthetic ascending aortic valve-graft infections.** *Journal of cardiac surgery*  
Miller, D. C.  
1990; 5 (1): 53-62
  - **Determinants of outcome in surgically treated patients with native valve endocarditis (NVE).** *Journal of cardiac surgery*  
Miller, D. C.  
1989; 4 (4): 331-339
  - **Role of the mitral subvalvular apparatus in left ventricular systolic mechanics.** *Seminars in thoracic and cardiovascular surgery*  
Sarris, G. E., Miller, D. C.  
1989; 1 (2): 133-143
  - **Surgical management of acute aortic dissection complicated by stroke.** *Circulation*  
Fann, J. I., Sarris, G. E., Miller, D. C., Mitchell, R. S., Oyer, P. E., Stinson, E. B., Shumway, N. E.  
1989; 80 (3): 1257-63
  - **MECHANISMS RESPONSIBLE FOR INHIBITION OF VEIN-GRAFT ARTERIOSCLEROSIS BY FISH OIL** *CIRCULATION*  
Sarris, G. E., Fann, J. I., Sokoloff, M. H., Smith, D. L., LOVEDAY, M., Kosek, J. C., Stephens, R. J., Cooper, A. D., May, K., Willis, A. L., Miller, D. C.  
1989; 80 (3): 109-123
  - **SURGICAL-MANAGEMENT OF ACUTE AORTIC DISSECTION COMPLICATED BY STROKE** *CIRCULATION*  
Fann, J. I., Sarris, G. E., Miller, D. C., Mitchell, R. S., Oyer, P. E., Stinson, E. B., Shumway, N. E.

1989; 80 (3): 257-263

- **GLOBAL AND REGIONAL LEFT-VENTRICULAR SYSTOLIC PERFORMANCE IN THE INSITU EJECTING CANINE HEART - IMPORTANCE OF THE MITRAL APPARATUS** *CIRCULATION*  
Sarris, G. E., Fann, J. I., Niczyporuk, M. A., Derby, G. C., Handen, C. E., Miller, D. C.  
1989; 80 (3): 24-42
- **REPLACEMENT OF THE TRANSVERSE AORTIC-ARCH DURING EMERGENCY OPERATIONS FOR TYPE-A ACUTE AORTIC DISSECTION** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
MILLER, D. C.  
1989; 98 (2): 310-12
- **EFFECTS OF FISH OIL ON ARTERIOSCLEROSIS IN THE JAPANESE QUAIL** *CARDIOVASCULAR RESEARCH*  
Fann, J. I., Angell, S. K., CAHILL, P. D., Kosek, J. C., Miller, D. C.  
1989; 23 (7): 631-638
- **INHIBITION OF ACCELERATED CARDIAC ALLOGRAFT ARTERIOSCLEROSIS BY FISH OIL** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Sarris, G. E., Mitchell, R. S., Billingham, M. E., Glasson, J. R., CAHILL, P. D., Miller, D. C.  
1989; 97 (6): 841-855
- **REGIONAL VARIABILITY OF PROSTACYCLIN BIOSYNTHESIS** *ARTERIOSCLEROSIS*  
Fann, J. I., CAHILL, P. D., Mitchell, R. S., Miller, D. C.  
1989; 9 (3): 368-373
- **MORE ATTEMPTS TO MONITOR QUALITY ASSURANCE FOR MYOCARDIAL REVASCULARIZATION** *ANNALS OF THORACIC SURGERY*  
MILLER, D. C.  
1989; 47 (5): 641-42
- **RELATION BETWEEN LONGITUDINAL, CIRCUMFERENTIAL, AND OBLIQUE SHORTENING AND TORSIONAL DEFORMATION IN THE LEFT-VENTRICLE OF THE TRANSPLANTED HUMAN-HEART** *CIRCULATION RESEARCH*  
Ingels, N. B., Hansen, D. E., Daughters, G. T., Stinson, E. B., Alderman, E. L., Miller, D. C.  
1989; 64 (5): 915-927
- **OCCLUSIVE CORONARY-ARTERY SPASM AS A CAUSE OF ACUTE MYOCARDIAL-INFARCTION AFTER CORONARY-ARTERY BYPASS-GRAFTING** *NEW ENGLAND JOURNAL OF MEDICINE*  
Fischell, T. A., McDonald, T. V., GRATTAN, M. T., Miller, D. C., Stadius, M. L.  
1989; 320 (6): 400-401
- **ASYNERGY OF RIGHT VENTRICULAR WALL MOTION IN MAN** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Chin, K. W., Daughters, G. T., Alderman, E. L., Miller, D. C.  
1989; 97 (1): 104-109
- **EFFECTS OF ASPIRIN, DIPYRIDAMOLE, AND COD LIVER OIL ON ACCELERATED MYOINTIMAL PROLIFERATION IN CANINE VENOARTERIAL ALLOGRAFTS** *ANNALS OF SURGERY*  
DeCampi, W. M., Kosek, J. C., Mitchell, R. S., Handen, C. E., Miller, D. C.  
1988; 208 (6): 746-754
- **OUTLET STRUT FRACTURE OF THE BJORK-SHILEY 60-DEGREES CONVEXO-CONCAVE VALVE - CURRENT INFORMATION AND RECOMMENDATIONS FOR PATIENT-CARE** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*  
Hiratzka, L. F., Kouchoukos, N. T., Grunkemeier, G. L., Miller, D. C., Scully, H. E., Wechsler, A. S.  
1988; 11 (5): 1130-1137
- **A simple technique for aortic valve replacement using freehand allografts.** *Journal of cardiac surgery*  
Moreno-Cabral, C. E., Miller, D. C., Shumway, N. E.  
1988; 3 (1): 69-76
- **INHIBITION OF VEIN GRAFT INTIMAL THICKENING BY EICOSAPENTANOIC ACID - REDUCED THROMBOXANE PRODUCTION WITHOUT CHANGE IN LIPOPROTEIN LEVELS OR LOW-DENSITY LIPOPROTEIN RECEPTOR DENSITY** *JOURNAL OF VASCULAR SURGERY*  
CAHILL, P. D., Sarris, G. E., Cooper, A. D., Wood, P. D., Kosek, J. C., Mitchell, R. S., Miller, D. C.  
1988; 7 (1): 108-118

- **CARDIAC CRYOLESIONS AS AN EXPERIMENTAL-MODEL OF MYOCARDIAL WOUND-HEALING** *ANNALS OF SURGERY*  
Jensen, J. A., Kosek, J. C., Hunt, T. K., Goodson, W. H., Miller, D. C.  
1987; 206 (6): 798-803
- **INCOMPLETE BIOCHEMICAL ADAPTATION OF VEIN GRAFTS TO THE ARTERIAL ENVIRONMENT IN TERMS OF PROSTACYCLIN PRODUCTION** *JOURNAL OF VASCULAR SURGERY*  
CAHILL, P. D., Brown, B. A., Handen, C. E., Kosek, J. C., Miller, D. C.  
1987; 6 (5): 496-503
- **EFFECT OF ACUTE HUMAN CARDIAC ALLOGRAFT-REJECTION ON LEFT-VENTRICULAR SYSTOLIC TORSION AND DIASTOLIC RECOIL MEASURED BY INTRAMYOCARDIAL MARKERS** *CIRCULATION*  
Hansen, D. E., Daughters, G. T., Alderman, E. L., Stinson, E. B., Baldwin, J. C., Miller, D. C.  
1987; 76 (5): 998-1008
- **WHEN SHOULD DOPPLER-DETERMINED VALVE AREA BE BETTER THAN THE GORLIN FORMULA - VARIATION IN HYDRAULIC CONSTANTS IN LOW FLOW STATES** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*  
Segal, J., Lerner, D. J., Miller, D. C., Mitchell, R. S., Alderman, E. A., Popp, R. L.  
1987; 9 (6): 1294-1305
- **PRIMARY CARDIAC NEOPLASMS - EARLY AND LATE RESULTS OF SURGICAL-TREATMENT IN 42 PATIENTS** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
DEIN, J. R., Frist, W. H., Stinson, E. B., Miller, C., Baldwin, J. C., Oyer, P. E., Jamieson, S., Mitchell, R. S., Shumway, N. E.  
1987; 93 (4): 502-511
- **PATHOPHYSIOLOGY AND PREVENTION OF ACUTE-RENAL-FAILURE ASSOCIATED WITH THORACOABDOMINAL OR ABDOMINAL AORTIC-SURGERY** *JOURNAL OF VASCULAR SURGERY*  
Miller, D. C., Myers, B. D.  
1987; 5 (3): 518-523
- **A TRI-INSTITUTIONAL COMPARISON OF TISSUE AND MECHANICAL VALVES USING A PATIENT-ORIENTED DEFINITION OF TREATMENT FAILURE** *ANNALS OF THORACIC SURGERY*  
Cobanoglu, A., Jamieson, W. R., Miller, D. C., McKinley, C., Grunkemeier, G. L., Floten, H. S., Miyagishima, R. T., Tyers, G. F., Shumway, N. E., Starr, A.  
1987; 43 (3): 245-253
- **"Fresh" aortic allografts: long-term results with free-hand aortic valve replacement.** *Journal of cardiac surgery*  
Miller, D. C., Shumway, N. E.  
1987; 2 (1): 185-191
- **MYOVENTRICULOPLASTY AND NEOVENTRICLE MYOGRAFT CARDIAC AUGMENTATION TO ESTABLISH PULMONARY BLOOD-FLOW - PRELIMINARY-OBSERVATIONS AND FEASIBILITY STUDIES** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Macoviak, J. A., Stinson, E. B., Starkey, T. D., Hansen, D. E., CAHILL, P. D., Miller, D. C., Shumway, N. E.  
1987; 93 (2): 212-220
- **Aneurysms of ascending thoracic aorta and transverse aortic arch.** *Cardiovascular clinics*  
Frist, W. H., Miller, D. C.  
1987; 17 (3): 263-287
- **RELATIVE CONTRIBUTIONS OF THE ANTERIOR AND POSTERIOR MITRAL CHORDAE TENDINEAE TO CANINE GLOBAL LEFT-VENTRICULAR SYSTOLIC FUNCTION** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Hansen, D. E., CAHILL, P. D., Derby, G. C., Miller, D. C.  
1987; 93 (1): 45-55
- **PHARMACOLOGICAL, HEMATOLOGICAL, AND PHYSIOLOGICAL-EFFECTS OF A NEW THROMBOXANE SYNTHETASE INHIBITOR (CGS-13080) DURING CARDIOPULMONARY BYPASS IN DOGS** *ANNALS OF THORACIC SURGERY*  
DeCampli, W. M., Goodwin, D., Kosek, J. C., Handen, C. E., Mitchell, R. S., Miller, D. C.  
1986; 42 (6): 690-696
- **AUTOLOGOUS PERICARDIUM VERSUS A XENOGRAFT SUBSTITUTE IN MYOCARDIAL WOUND-HEALING** *JOURNAL OF SURGICAL RESEARCH*  
Cohen, R. G., DeCampli, W. M., Weiss, L. M., Henderson, V. J., Gaudiani, V. A., GOODSON, W., Billingham, M. E., Miller, D. C.

1986; 41 (4): 352-361

- **A RECONSIDERATION OF CEREBRAL PERFUSION IN AORTIC-ARCH REPLACEMENT** *ANNALS OF THORACIC SURGERY*  
Frist, W. H., Baldwin, J. C., Starnes, V. A., Stinson, E. B., Oyer, P. E., Miller, D. C., Jamieson, S. W., Mitchell, R. S., Shumway, N. E.  
1986; 42 (3): 273-281
- **USE OF THE INTRAAORTIC BALLOON PUMP AFTER VALVE-REPLACEMENT - PREDICTIVE INDEXES, CORRELATIVE PARAMETERS, AND PATIENT SURVIVAL** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
DOWNING, T. P., Miller, D. C., STOFER, R., Shumway, N. E.  
1986; 92 (2): 210-217
- **NATURALLY CORRECTED DOUBLE-OUTLET RIGHT VENTRICLE WITH BIVENTRICULAR OUTFLOW TRACT OBSTRUCTION** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
ZUSMAN, D. R., FRENCH, J. W., GUTHANER, D. F., WALLINGTON, J., MILLER, D. C.  
1986; 92 (1): 155-59
- **SIGNIFICANT PATIENT-RELATED DETERMINANTS OF PROSTHETIC VALVE PERFORMANCE** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Mitchell, R. S., Miller, D. C., Stinson, E. B., Oyer, P. E., Jamieson, S. W., Baldwin, J. C., Shumway, N. E.  
1986; 91 (6): 807-817
- **VALVULAR-VENTRICULAR INTERACTION - IMPORTANCE OF THE MITRAL APPARATUS IN CANINE LEFT-VENTRICULAR SYSTOLIC PERFORMANCE** *CIRCULATION*  
Hansen, D. E., CAHILL, P. D., DeCampi, W. M., HARRISON, D. C., Derby, G. C., Mitchell, R. S., Miller, D. C.  
1986; 73 (6): 1310-1320
- **BIOCHEMICAL (FUNCTIONAL) ADAPTATION OF ARTERIALIZED VEIN GRAFTS** *ANNALS OF SURGERY*  
Henderson, V. J., Mitchell, R. S., Kosek, J. C., Cohen, R. G., Miller, D. C.  
1986; 203 (4): 339-345
- **TIMING OF ABNORMAL INTERVENTRICULAR SEPTAL MOTION AFTER CARDIOPULMONARY BYPASS OPERATIONS - LACK OF INJURY PROVED BY PREOPERATIVE, INTRAOPERATIVE, AND POSTOPERATIVE ECHOCARDIOGRAPHY** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Schnittger, I., Keren, A., Yock, P. G., Allen, M. D., Modry, D. L., Zusman, D. R., Mitchell, R. S., Miller, D. C., Popp, R. L.  
1986; 91 (4): 619-623
- **Repair of ascending aortic aneurysms and dissections.** *Journal of cardiac surgery*  
Frist, W. H., Miller, D. C.  
1986; 1 (1): 33-52
- **IMPORTANCE OF THE ANTERIOR AND POSTERIOR MITRAL CHORDAE ON GLOBAL LEFT-VENTRICULAR SYSTOLIC FUNCTION**  
Hansen, D. E., CAHILL, P. D., DeCampi, W. M., HARRISON, D. C., HANDEN, C., Derby, G., Mitchell, R. S., Miller, D. C.  
ELSEVIER SCIENCE INC.1986: A249-A249
- **SUPERIORITY OF CARDIAC DIMENSIONAL CHANGES COMPARED TO STANDARD HEMODYNAMIC INDEXES FOR THE DETECTION OF HUMAN ALLOGRAFT-REJECTION**  
HANSEN, D. E., DAUGHTERS, G. T., ALDERMAN, E. L., INGELS, N. B., STINSON, E. B., MILLER, D. C., BALDWIN, J. C., OYER, P. E., DERBY, G. C.  
ELSEVIER SCIENCE INC.1986: A96
- **TORSIONAL DEFORMATION OF THE HUMAN LEFT-VENTRICLE - ALTERATIONS DURING CARDIAC ALLOGRAFT-REJECTION**  
HANSEN, D. E., DAUGHTERS, G. T., ALDERMAN, E. L., BALDWIN, J. C., OYER, P. E., INGELS, N. B., STINSON, E. B., MILLER, D. C.  
ELSEVIER SCIENCE INC.1986: A244
- **PROSTHETIC GRAFT INFECTION - LIMITATIONS OF INDIUM WHITE BLOOD-CELL SCANNING** *JOURNAL OF VASCULAR SURGERY*  
Brunner, M. C., Mitchell, R. S., Baldwin, J. C., James, D. R., Olcott, C., MEHIGAN, J. T., McDougall, I. R., Miller, D. C.  
1986; 3 (1): 42-48
- **Surgical treatment of constrictive pericarditis: analysis of outcome and diagnostic error.** *Circulation*  
Seifert, F. C., Miller, D. C., Oesterle, S. N., Oyer, P. E., Stinson, E. B., Shumway, N. E.  
1985; 72 (3): 11264-73

- **Acute and chronic aortic dissections--determinants of long-term outcome for operative survivors.** *Circulation*  
Haverich, A., Miller, D. C., Scott, W. C., Mitchell, R. S., Oyer, P. E., Stinson, E. B., Shumway, N. E.  
1985; 72 (3): 1122-34
- **Effect of early postoperative volume loading on left ventricular systolic function (including left ventricular ejection fraction determined by myocardial marker) after myocardial revascularization.** *Circulation*  
Miller, D. C., Daughters, G. T., Derby, G. C., Mitchell, R. S., Ingels, N. B., Stinson, E. B., Alderman, E. L.  
1985; 72 (3): 11207-15
- **Operative risk of mitral valve replacement: discriminant analysis of 1329 procedures.** *Circulation*  
Scott, W. C., Miller, D. C., Haverich, A., Mitchell, R. S., Oyer, P. E., Stinson, E. B., Jamieson, S. W., Baldwin, J. C., Shumway, N. E.  
1985; 72 (3): 11108-19
- **ACUTE AND CHRONIC AORTIC DISSECTIONS - DETERMINANTS OF LONG-TERM OUTCOME FOR OPERATIVE SURVIVORS** *CIRCULATION*  
Haverich, A., Miller, D. C., Scott, W. C., Mitchell, R. S., Oyer, P. E., Stinson, E. B., Shumway, N. E.  
1985; 72 (3): 22-34
- **CRITICAL-EVALUATION OF 111-IN-WHITE CELL SCAN FOR DIAGNOSING PROSTHETIC GRAFT INFECTION**  
McDougall, I. R., Brunner, M. C., Mitchell, R. S., Baldwin, J. C., James, D. R., Olcott, C., MEHIGAN, J. T., Miller, D. C.  
LIPPINCOTT-RAVEN PUBL.1985: P18-P18
- **DETERMINANTS OF OPERATIVE MORTALITY FOR PATIENTS UNDERGOING AORTIC-VALVE REPLACEMENT - DISCRIMINANT-ANALYSIS OF 1,479 OPERATIONS** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Scott, W. C., Miller, D. C., Haverich, A., Dawkins, K., Mitchell, R. S., Jamieson, S. W., Oyer, P. E., Stinson, E. B., Baldwin, J. C., Shumway, N. E.  
1985; 89 (3): 400-413
- **INDEPENDENCE OF LEFT-VENTRICULAR PRESSURE-VOLUME RATIO FROM PRELOAD IN MAN EARLY AFTER CORONARY-ARTERY BYPASS GRAFT-SURGERY** *CIRCULATION*  
Daughters, G. T., Derby, G. C., Alderman, E. L., Schwarzkopf, A., MEAD, C. W., Ingels, N. B., Miller, D. C.  
1985; 71 (5): 945-950
- **SURGICAL-TREATMENT OF CONSTRICTIVE PERICARDITIS - ANALYSIS OF OUTCOME AND DIAGNOSTIC ERROR** *CIRCULATION*  
Seifert, F. C., Miller, D. C., Oesterle, S. N., Oyer, P. E., Stinson, E. B., Shumway, N. E.  
1985; 72 (3): 264-273
- **VALVE-REPLACEMENT IN PATIENTS WITH NATIVE VALVE ENDOCARDITIS - WHAT REALLY DETERMINES OPERATIVE OUTCOME** *ANNALS OF THORACIC SURGERY*  
DAGOSTINO, R. S., Miller, D. C., Stinson, E. B., Mitchell, R. S., Oyer, P. E., Jamieson, S. W., Baldwin, J. C., Shumway, N. E.  
1985; 40 (5): 429-438
- **10 YEAR DURABILITY AND PERFORMANCE OF PORCINE BIOPROSTHESES** *ZEITSCHRIFT FUR KARDIOLOGIE*  
Miller, D. C., Oyer, P. E., Stinson, E. B., Shumway, N. E.  
1985; 74: 15-18
- **EFFECT OF EARLY POSTOPERATIVE VOLUME LOADING ON LEFT-VENTRICULAR SYSTOLIC FUNCTION (INCLUDING LEFT-VENTRICULAR EJECTION FRACTION DETERMINED BY MYOCARDIAL MARKER) AFTER MYOCARDIAL REVASCULARIZATION** *CIRCULATION*  
Miller, D. C., Daughters, G. T., Derby, G. C., Mitchell, R. S., Ingels, N. B., Stinson, E. B., Alderman, E. L.  
1985; 72 (3): 207-215
- **SURGICAL REPAIR OF TETRALOGY OF FALLOT - LONG-TERM FOLLOW-UP WITH PARTICULAR EMPHASIS ON LATE DEATH AND REOPERATION** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Zhao, H. X., Miller, D. C., Reitz, B. A., Shumway, N. E.  
1985; 89 (2): 204-220
- **OPERATIVE RISK OF MITRAL-VALVE REPLACEMENT - DISCRIMINANT-ANALYSIS OF 1329 PROCEDURES** *CIRCULATION*  
Scott, W. C., Miller, D. C., Haverich, A., Mitchell, R. S., Oyer, P. E., Stinson, E. B., Jamieson, S. W., Baldwin, J. C., Shumway, N. E.  
1985; 72 (3): 108-119
- **VALVE-REPLACEMENT IN PATIENTS WITH NATIVE VALVE ENDOCARDITIS - WHAT REALLY DETERMINES OPERATIVE OUTCOME** *ANNALS OF THORACIC SURGERY*

- DAGOSTINO, R. S., Miller, D. C., Stinson, E. B., Mitchell, R. S., Oyer, P. E., Jamieson, S. W., Baldwin, J. C., Shumway, N. E.  
1985; 40 (5): 429-438
- **10 YEAR DURABILITY AND PERFORMANCE OF PORCINE BIOPROSTHESES** *ZEITSCHRIFT FUR KARDIOLOGIE*  
Miller, D. C., Oyer, P. E., Stinson, E. B., Shumway, N. E.  
1985; 74: 15-18
  - **EFFECT OF EARLY POSTOPERATIVE VOLUME LOADING ON LEFT-VENTRICULAR SYSTOLIC FUNCTION (INCLUDING LEFT-VENTRICULAR EJECTION FRACTION DETERMINED BY MYOCARDIAL MARKER) AFTER MYOCARDIAL REVASCLARIZATION** *CIRCULATION*  
Miller, D. C., Daughters, G. T., Derby, G. C., Mitchell, R. S., Ingels, N. B., Stinson, E. B., Alderman, E. L.  
1985; 72 (3): 207-215
  - **SURGICAL REPAIR OF TETRALOGY OF FALLOT - LONG-TERM FOLLOW-UP WITH PARTICULAR EMPHASIS ON LATE DEATH AND REOPERATION** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Zhao, H. X., Miller, D. C., Reitz, B. A., Shumway, N. E.  
1985; 89 (2): 204-220
  - **OPERATIVE RISK OF MITRAL-VALVE REPLACEMENT - DISCRIMINANT-ANALYSIS OF 1329 PROCEDURES** *CIRCULATION*  
Scott, W. C., Miller, D. C., Haverich, A., Mitchell, R. S., Oyer, P. E., Stinson, E. B., Jamieson, S. W., Baldwin, J. C., Shumway, N. E.  
1985; 72 (3): 108-119
  - **Dobutamine and dopamine after cardiac surgery: greater augmentation of myocardial blood flow with dobutamine.** *Circulation*  
Fowler, M. B., Alderman, E. L., Oesterle, S. N., Derby, G., Daughters, G. T., Stinson, E. B., Ingels, N. B., Mitchell, R. S., Miller, D. C.  
1984; 70 (3): 1103-11
  - **Independent determinants of operative mortality for patients with aortic dissections.** *Circulation*  
Miller, D. C., Mitchell, R. S., Oyer, P. E., Stinson, E. B., Jamieson, S. W., Shumway, N. E.  
1984; 70 (3): 1153-64
  - **DOBUTAMINE AND DOPAMINE AFTER CARDIAC-SURGERY - GREATER AUGMENTATION OF MYOCARDIAL BLOOD-FLOW WITH DOBUTAMINE** *CIRCULATION*  
Fowler, M. B., Alderman, E. L., Oesterle, S. N., Derby, G., Daughters, G. T., Stinson, E. B., Ingels, N. B., Mitchell, R. S., Miller, D. C.  
1984; 70 (3): 103-111
  - **NONVALVED RIGHT VENTRICULAR-PULMONARY ARTERY DACRON CONDUITS - IMPROVED LONG-TERM PERFORMANCE WITH DOUBLE VELOUR GRAFTS** *SURGICAL FORUM*  
HAVERICH, A., MILLER, C., BORST, H. G.  
1984; 35: 344-46
  - **WHEN TO SUSPECT AORTIC DISSECTION - WHAT TREATMENT** *CARDIOVASCULAR MEDICINE*  
MILLER, D. C.  
1984; 9 (10): 811-18
  - **DETERMINANTS OF OPERATIVE MORTALITY (OM) IN 1329 PATIENTS UNDERGOING MITRAL-VALVE REPLACEMENT (MVR)**  
Scott, W. C., Haverich, A., Miller, D. C.  
LIPPINCOTT WILLIAMS & WILKINS.1984: 328-28
  - **THROMBOEMBOLIC RISK AND DURABILITY OF THE HANCOCK BIOPROSTHETIC CARDIAC-VALVE** *EUROPEAN HEART JOURNAL*  
Oyer, P. E., Stinson, E. B., Miller, D. C., Jamieson, S. W., Mitchell, R. S., Shumway, N. E.  
1984; 5: 81-85
  - **RECOVERY OF PROSTACYCLIN PRODUCTION IN VENOARTERIAL AUTOGRAFTS AND ALLOGRAFTS** *SURGICAL FORUM*  
Henderson, V. J., Mitchell, R. S., Cohen, R. G., Kosek, J. C., Miller, D. C.  
1984; 35: 421-422
  - **INDEPENDENT DETERMINANTS OF OPERATIVE MORTALITY FOR PATIENTS WITH AORTIC DISSECTIONS** *CIRCULATION*  
Miller, D. C., Mitchell, R. S., Oyer, P. E., Stinson, E. B., Jamieson, S. W., Shumway, N. E.  
1984; 70 (3): 153-164
  - **THE DIURETIC PROPERTIES OF DOPAMINE IN PATIENTS AFTER OPEN-HEART OPERATION** *ANESTHESIOLOGY*

- Hilberman, M., Maseda, J., Stinson, E. B., Derby, G. C., Spencer, R. J., Miller, D. C., Oyer, P. E., Myers, B. D.  
1984; 61 (5): 489-494
- **CALCIFICATION OF AORTIC VERSUS MITRAL PORCINE BIOPROSTHETIC HEART-VALVES - A RADIOGRAPHIC STUDY COMPARING AMOUNTS OF CALCIFIC DEPOSITS IN VALVES EXPLANTED FROM THE SAME PATIENT** *AMERICAN JOURNAL OF CARDIOLOGY*  
Cipriano, P. R., Billingham, M. E., Miller, D. C.  
1984; 54 (8): 1030-1032
  - **NATURE OF THE RENAL INJURY FOLLOWING TOTAL RENAL ISCHEMIA IN MAN** *JOURNAL OF CLINICAL INVESTIGATION*  
Myers, B. D., Miller, D. C., MEHIGAN, J. T., Olcott, C., GOLBETZ, H., Robertson, C. R., Derby, G., Spencer, R., Friedman, S.  
1984; 73 (2): 329-341
  - **DEGENERATIVE AND ATHEROSCLEROTIC ANEURYSMS OF THE THORACIC AORTA - DETERMINANTS OF EARLY AND LATE SURGICAL OUTCOME** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
MORENOCABRAL, C. E., Miller, D. C., Mitchell, R. S., Stinson, E. B., Oyer, P. E., Jamieson, S. W., Shumway, N. E.  
1984; 88 (6): 1020-1032
  - **PERFORMANCE-CHARACTERISTICS OF THE STARR-EDWARDS MODEL 1260 AORTIC-VALVE PROSTHESIS BEYOND 10 YEARS** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Miller, D. C., Oyer, P. E., Mitchell, R. S., Stinson, E. B., Jamieson, S. W., Baldwin, J. C., Shumway, N. E.  
1984; 88 (2): 193-207
  - **SIMPLE ADJUNCTS WHICH MAINTAIN SEPTAL TEMPERATURE BELOW 20-DEGREES-C DURING ISCHEMIC ARREST FOR CORONARY-ARTERY BYPASS-GRAFTING** *AMERICAN HEART JOURNAL*  
Baumgartner, W. A., Miller, D. C., Stinson, E. B., Reitz, B. A., Oyer, P. E., Jamieson, S. W.  
1983; 105 (3): 440-444
  - **PROLIFERATIVE VARIABILITY OF ENDOTHELIAL CLONES DERIVED FROM ADULT BOVINE AORTA - INFLUENCE OF FIBROBLAST GROWTH-FACTOR AND SMOOTH-MUSCLE CELL EXTRACELLULAR-MATRIX** *JOURNAL OF CELLULAR PHYSIOLOGY*  
LONGENECKER, J. P., KILTY, L. A., RIDGE, J. A., MILLER, D. C., JOHNSON, L. K.  
1983; 114 (1): 7-15
  - **DIGITAL SUBTRACTION ANGIOGRAPHY OF AORTIC DISSECTION** *AMERICAN JOURNAL OF ROENTGENOLOGY*  
GUTHANER, D. F., Miller, D. C.  
1983; 141 (1): 157-161
  - **VENO-VENOUS ALLOGRAFTS - PATENCY, SUBENDOTHELIAL PROLIFERATION, AND THE ROLE OF PLATELET-ACTIVE AGENTS** *JOURNAL OF SURGICAL RESEARCH*  
Gaudiani, V. A., MILLER, D. G., Kosek, J. C., Burg, J., Jamieson, S. W.  
1983; 34 (3): 263-270
  - **PULMONARY-ARTERY SURGICAL ANEURYSMORRHAPHY - WHERE DO WE GO FROM HERE** *AMERICAN HEART JOURNAL*  
FINCH, E. L., Mitchell, R. S., GUTHANER, D. F., FOWLES, R. F., Miller, D. C.  
1983; 106 (3): 614-618
  - **INDEPENDENT DETERMINANTS OF OPERATIVE MORTALITY FOR PATIENTS WITH AORTIC DISSECTIONS**  
Miller, D. C., Oyer, P. E., Mitchell, R. S., Stinson, E. B., Jamieson, S. W., Shumway, N. E.  
AMER HEART ASSOC. 1983: 15-15
  - **SURGICAL-TREATMENT OF PROSTHETIC VALVE ENDOCARDITIS** *ANNALS OF THORACIC SURGERY*  
Baumgartner, W. A., Miller, D. C., Reitz, B. A., Oyer, P. E., Jamieson, S. W., Stinson, E. B., Shumway, N. E.  
1983; 35 (1): 87-104
  - **10 TO 15 YEAR REASSESSMENT OF THE PERFORMANCE-CHARACTERISTICS OF THE STARR-EDWARDS MODEL 6120 MITRAL-VALVE PROSTHESIS** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Miller, D. C., Oyer, P. E., Stinson, E. B., Reitz, B. A., Jamieson, S. W., Baumgartner, W. A., Mitchell, R. S., Shumway, N. E.  
1983; 85 (1): 1-20
  - **Ten to fifteen year reassessment of the performance characteristics of the Starr-Edwards Model 6120 mitral valve prosthesis.** *journal of thoracic and cardiovascular surgery*  
Miller, D. C., Oyer, P. E., Stinson, E. B., Reitz, B. A., Jamieson, S. W., Baumgartner, W. A., Mitchell, R. S., Shumway, N. E.

1983; 85 (1): 1-20

- **ANEURYSM OF THE DIVERTICULUM OF THE DUCTUS-ARTERIOSUS IN THE ADULT - SUCCESSFUL SURGICAL-TREATMENT IN 5 PATIENTS AND REVIEW OF THE LITERATURE** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Mitchell, R. S., Seifert, F. C., Miller, D. C., Jamieson, S. W., Shumway, N. E.  
1983; 86 (3): 400-408
- **DISCRIMINANT-ANALYSIS OF THE CHANGING RISKS OF CORONARY-ARTERY OPERATIONS - 1971-1979** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Miller, D. C., Stinson, E. B., Oyer, P. E., Jamieson, S. W., Mitchell, R. S., Reitz, B. A., Baumgartner, W. A., Shumway, N. E.  
1983; 85 (2): 197-213
- **The durability of porcine xenograft valves and conduits in children.** *Circulation*  
Miller, D. C., Stinson, E. B., Oyer, P. E., Billingham, M. E., Pitlick, P. T., Reitz, B. A., Jamieson, S. W., Baumgartner, W. A., Shumway, N. E.  
1982; 66 (2): 1172-85
- **Diagnosis of arterial prosthetic graft infection by indium-111 oxine white blood cell scans.** *Circulation*  
Mckeown, P. P., Miller, D. C., Jamieson, S. W., Mitchell, R. S., Reitz, B. A., Olcott, C., MEHIGAN, J. T., SILBERSTEIN, R. J., McDougall, I. R.  
1982; 66 (2): 1130-4
- **DIAGNOSIS OF ARTERIAL PROSTHETIC GRAFT INFECTION BY IN-111 OXINE WHITE BLOOD-CELL SCANS** *CIRCULATION*  
Mckeown, P. P., Miller, D. C., Jamieson, S. W., Mitchell, R. S., Reitz, B. A., Olcott, C., MEHIGAN, J. T., SILBERSTEIN, R. J., McDougall, I. R.  
1982; 66 (2): 130-134
- **TWO-DIMENSIONAL ECHOCARDIOGRAPHIC ANALYSIS OF SEGMENTAL LEFT-VENTRICULAR WALL MOTION BEFORE AND AFTER CORONARY-ARTERY BYPASS-SURGERY** *CIRCULATION*  
Rubenson, D. S., Tucker, C. R., London, E., Miller, D. C., Stinson, E. B., Popp, R. L.  
1982; 66 (5): 1025-1035
- **COLLAGEN-SYNTHESIS AND WOUND REPAIR AFTER MYOCARDIAL INCISION** *SURGICAL FORUM*  
Gaudiani, V. A., Miller, D. C., Goodson, W. H., Billingham, M. E., Reitz, B. A., Stinson, E. B., Shumway, N. E.  
1982; 33: 56-58
- **THE DURABILITY OF PORCINE XENOGRAFT VALVES AND CONDUITS IN CHILDREN** *CIRCULATION*  
Miller, D. C., Stinson, E. B., Oyer, P. E., Billingham, M. E., Pitlick, P. T., Reitz, B. A., Jamieson, S. W., Baumgartner, W. A., Shumway, N. E.  
1982; 66 (2): 172-185
- **Therapeutic efficacy of intraaortic balloon pump counterpulsation. Analysis with concurrent "control" subjects.** *Circulation*  
DOWNING, T. P., Miller, D. C., Stinson, E. B., Burton, N. A., Oyer, P. E., Reitz, B. A., Jamieson, S. W., Shumway, N. E.  
1981; 64 (2): 11108-13
- **WHIPPLES DISEASE PRESENTING AS AORTIC-INSUFFICIENCY** *NEW ENGLAND JOURNAL OF MEDICINE*  
Bostwick, D. G., Bensch, K. G., Burke, J. S., Billingham, M. E., Miller, D. C., Smith, J. C., Keren, D. F.  
1981; 305 (17): 995-998
- **INTRAVENOUS AORTOGRAPHY AFTER AORTIC DISSECTION REPAIR** *AMERICAN JOURNAL OF ROENTGENOLOGY*  
GUTHANER, D. F., Brody, W. R., Miller, D. C.  
1981; 137 (5): 1019-1022
- **DIAGNOSIS OF INFECTED PROSTHETIC GRAFTS USING IN-111 WHITE CELL SCANS**  
Miller, D. C., Mckeown, P. P., Jamieson, S. W., Mitchell, R. S., McDougall, I. R.  
LIPPINCOTT WILLIAMS & WILKINS. 1981: 21-21
- **SURGICAL-MANAGEMENT OF ACUTE MECHANICAL DEFECTS SECONDARY TO MYOCARDIAL-INFARCTION** *AMERICAN JOURNAL OF SURGERY*  
Miller, D. C., Stinson, E. B.  
1981; 141 (6): 677-683
- **LONG-TERM CLINICAL-ASSESSMENT OF THE EFFICACY OF ADJUNCTIVE CORONARY ENDARTERECTOMY** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Miller, D. C., Stinson, E. B., Oyer, P. E., Reitz, B. A., Jamieson, S. W., MORENO-CABRAL, R. J., Shumway, N. E.

1981; 81 (1): 21-29

- **POST-INFARCTION VENTRICULAR SEPTAL-DEFECT - AN ARGUMENT FOR EARLY OPERATION SURGERY**  
Gaudiani, V. A., Miller, D. C., Stinson, E. B., Oyer, P. E., Reitz, B. A., MORENO CABRAL, R. J., Shumway, N. E.  
1981; 89 (1): 48-55
- **SURGICAL-TREATMENT OF ISCHEMIC CARDIOMYOPATHY - IS IT EVER TOO LATE AMERICAN JOURNAL OF SURGERY**  
Miller, D. C., Stinson, E. B., Alderman, E. L.  
1981; 141 (6): 688-693
- **THERAPEUTIC EFFICACY OF INTRA-AORTIC BALLOON PUMP COUNTERPULSATION - ANALYSIS WITH CONCURRENT CONTROL SUBJECTS CIRCULATION**  
DOWNING, T. P., Miller, D. C., Stinson, E. B., Burton, N. A., Oyer, P. E., Reitz, B. A., Jamieson, S. W., Shumway, N. E.  
1981; 64 (2): 108-113
- **Realistic expectations of surgical treatment of aortic dissections: the Stanford experience. World journal of surgery**  
Miller, D. C., Stinson, E. B., Shumway, N. E.  
1980; 4 (5): 571-578
- **HEMODYNAMIC AND CLINICAL COMPARISON OF THE HANCOCK MODIFIED ORIFICE AND STANDARD ORIFICE BIOPROSTHESES IN THE AORTIC POSITION JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY**  
Rossiter, S. J., Miller, D. C., Stinson, E. B., Oyer, P. E., Reitz, B. A., MORENO CABRAL, R. J., MACE, J. G., ROBERT, E. W., TSAGARIS, T. J., Sutton, R. B., Alderman, E. L., Shumway, N. E.  
1980; 80 (1): 54-60
- **CAROTID BACK PRESSURES IN CONJUNCTION WITH CEREBRAL-ANGIOGRAPHY RADIOLOGY**  
Enzmann, D. R., Miller, D. C., Olcott, C., MEHIGAN, J. T.  
1980; 134 (2): 415-419
- **PULMONARY-ARTERY BALLOON COUNTERPULSATION FOR ACUTE RIGHT VENTRICULAR FAILURE JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY**  
Miller, D. C., MORENO CABRAL, R. J., Stinson, E. B., SHINN, J. A., Shumway, N. E.  
1980; 80 (5): 760-763
- **COMPREHENSIVE ASSESSMENT OF THE SAFETY, DURABILITY, CLINICAL-PERFORMANCE, AND HEALING CHARACTERISTICS OF A DOUBLE VELOUR KNITTED DACRON ARTERIAL PROSTHESIS VASCULAR SURGERY**  
Mitchell, R. S., Miller, D. C., Billingham, M. E., MEHIGAN, J. T., Olcott, C., Stinson, E. B.  
1980; 14 (3): 197-212
- **CLINICAL DURABILITY OF THE HANCOCK PORCINE BIOPROSTHETIC VALVE JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY**  
Oyer, P. E., Miller, D. C., Stinson, E. B., Reitz, B. A., MORENO CABRAL, R. J., Shumway, N. E.  
1980; 80 (6): 824-833
- **CONCOMITANT RESECTION OF ASCENDING AORTIC-ANEURYSM AND REPLACEMENT OF THE AORTIC-VALVE - OPERATIVE AND LONG-TERM RESULTS WITH CONVENTIONAL TECHNIQUES IN 90 PATIENTS JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY**  
Miller, D. C., Stinson, E. B., Oyer, P. E., MORENO CABRAL, R. J., Reitz, B. A., Rossiter, S. J., Shumway, N. E.  
1980; 79 (3): 388-401
- **CAROTID BACK PRESSURES IN CONJUNCTION WITH CEREBRAL-ANGIOGRAPHY RADIOLOGY**  
Enzmann, D. R., Miller, D. C., Olcott, C., MEHIGAN, J. T.  
1980; 134 (2): 415-419
- **PULMONARY-ARTERY BALLOON COUNTERPULSATION FOR ACUTE RIGHT VENTRICULAR FAILURE JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY**  
Miller, D. C., MORENO CABRAL, R. J., Stinson, E. B., SHINN, J. A., Shumway, N. E.  
1980; 80 (5): 760-763
- **COMPREHENSIVE ASSESSMENT OF THE SAFETY, DURABILITY, CLINICAL-PERFORMANCE, AND HEALING CHARACTERISTICS OF A DOUBLE VELOUR KNITTED DACRON ARTERIAL PROSTHESIS VASCULAR SURGERY**  
Mitchell, R. S., Miller, D. C., Billingham, M. E., MEHIGAN, J. T., Olcott, C., Stinson, E. B.

1980; 14 (3): 197-212

- **Operative treatment of aortic dissections. Experience with 125 patients over a sixteen-year period.** *journal of thoracic and cardiovascular surgery*  
Miller, D. C., Stinson, E. B., Oyer, P. E., Rossiter, S. J., Reitz, B. A., Griep, R. B., Shumway, N. E.  
1979; 78 (3): 365-382
- **AORTIC AND MITRAL PROSTHETIC VALVE REOPERATIONS - EARLY AND LATE RESULTS** *ARCHIVES OF SURGERY*  
Rossiter, S. J., Miller, D. C., Stinson, E. B., Oyer, P. E., Reitz, B. A., Shumway, N. E.  
1979; 114 (11): 1279-1283
- **HEPATITIS RISK IN CARDIAC-SURGERY PATIENTS RECEIVING FACTOR-IX CONCENTRATES** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Rossiter, S. J., Miller, D. C., Raney, A. A., Oyer, P. E., Reitz, B. A., Stinson, E. B., Shumway, N. E.  
1979; 78 (2): 203-207
- **LONG-TERM EVALUATION OF THE PORCINE XENOGRAFT BIOPROSTHESIS** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Oyer, P. E., Stinson, E. B., Reitz, B. A., Miller, D. C., Rossiter, S. J., Shumway, N. E.  
1979; 78 (3): 343-350
- **LATE RIGHT HEART RECONSTRUCTION FOLLOWING REPAIR OF TETRALOGY OF FALLOT** *ANNALS OF THORACIC SURGERY*  
Miller, D. C., Rossiter, S. J., Stinson, E. B., Oyer, P. E., Reitz, B. A., Shumway, N. E.  
1979; 28 (3): 239-251
- **OPERATIVE TREATMENT OF AORTIC DISSECTIONS - EXPERIENCE WITH 125 PATIENTS OVER A 16-YEAR PERIOD** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Miller, D. C., Stinson, E. B., Oyer, P. E., Rossiter, S. J., Reitz, B. A., Griep, R. B., Shumway, N. E., WHEAT, M. W., Cohn, L. H.  
1979; 78 (3): 365-382
- **SURGICAL IMPLICATIONS AND RESULTS OF COMBINED AORTIC-VALVE REPLACEMENT AND MYOCARDIAL REVASCULARIZATION** *AMERICAN JOURNAL OF CARDIOLOGY*  
Miller, D. C., Stinson, E. B., Oyer, P. E., Rossiter, S. J., Reitz, B. A., Shumway, N. E.  
1979; 43 (3): 494-501
- **A modern view of the surgical treatment of peripheral arterial disease.** *JAMA : the journal of the American Medical Association*  
Miller, D. C., Griep, R. B.  
1978; 240 (14): 1542-1547
- **PROSTHETIC VALVE ENDOCARDITIS - COMPARISON OF HETEROGRAFT TISSUE VALVES AND MECHANICAL VALVES** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Rossiter, S. J., Stinson, E. B., Oyer, P. E., Miller, D. C., SCHAPIRA, J. N., Martin, R. P., Shumway, N. E.  
1978; 76 (6): 795-803
- **RECURRENT MEDIASTINAL BRONCHOGENIC CYST - CAUSE OF BRONCHIAL OBSTRUCTION AND COMPRESSION OF SUPERIOR VENA-CAVA AND PULMONARY-ARTERY** *CHEST*  
MILLER, D. C., WALTER, J. P., GUTHANER, D. F., MARK, J. B.  
1978; 74 (2): 218-20
- **MODERN VIEW OF SURGICAL TREATMENT OF PERIPHERAL ARTERIAL-DISEASE** *JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION*  
Miller, D. C., Griep, R. B.  
1978; 240 (14): 1524-1527
- **LOCALIZED TAMPONADE OF RIGHT ATRIUM AND RIGHT VENTRICLE - INDUCTION OF INTRA-CARDIAC RIGHT-TO-LEFT SHUNTING AFTER USE OF A GOTT SHUNT** *ARCHIVES OF SURGERY*  
Miller, D. C., Oyer, P. E., RICKS, W., Cipriano, P. R., Shumway, N. E.  
1978; 113 (6): 764-766
- **IMPACT OF SIMULTANEOUS MYOCARDIAL REVASCULARIZATION ON OPERATIVE RISK, FUNCTIONAL RESULT, AND SURVIVAL FOLLOWING MITRAL-VALVE REPLACEMENT** *SURGERY*  
Miller, D. C., Stinson, E. B., Rossiter, S. J., Oyer, P. E., Reitz, B. A., Shumway, N. E.

1978; 84 (6): 848-857

- **LEFT VENTRICULAR CORONARY SINUS FISTULA FOLLOWING REPEATED MITRAL-VALVE REPLACEMENTS** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*  
Miller, D. C., SCHAPIRA, J. N., Stinson, E. B., Shumway, N. E.  
1978; 76 (1): 43-45
- **Changes in survival and symptom relief in a longitudinal study of patients after bypass surgery.** *Circulation*  
TECKLENBERG, P. L., Alderman, E. L., Miller, D. C., Shumway, N. E., HARRISON, D. C.  
1975; 52 (2): 198-104
- **CHANGES IN SURVIVAL AND SYMPTOM RELIEF IN A LONGITUDINAL STUDY OF PATIENTS AFTER BYPASS SURGERY** *CIRCULATION*  
TECKLENBERG, P. L., Alderman, E. L., Miller, D. C., Shumway, N. E., HARRISON, D. C.  
1975; 52 (2): 98-104
- **LONG-TERM FOLLOW-UP OF PATIENTS UNDERGOING SAPHENOUS-VEIN BYPASS SURGERY** *CIRCULATION*  
Cannom, D. S., Miller, D. C., Shumway, N. E., Fogarty, T. J., Daily, P. O., Hu, M., Brown, B., HARRISON, D. C.  
1974; 49 (1): 77-85
- **SURGICAL TREATMENT OF REFRACTORY LIFE-THREATENING VENTRICULAR TACHYCARDIA** *AMERICAN JOURNAL OF CARDIOLOGY*  
Graham, A. F., Miller, D. C., Stinson, E. B., Daily, P. O., Fogarty, T. J., HARRISON, D. C.  
1973; 32 (7): 909-912