

### **Bibliography of Published Articles on Heart Valves**

The following list of published medical and scientific articles on Björk-Shiley Convexo/Concave heart valves have been selected by the professionals in the Bowling-Pfizer class action settlement to be listed on this website for review by the class members, their families, physicians, and any other interested individuals. The articles should be used for educational or informational purposes only and should not be relied on as legal or medical opinions. Class Counsel has listed the PubMed numbers of the abstracts for these articles and placed them immediately following their respective bibliographical entries (the abstracts briefly summarize each published article). If a class member or his/her family has access to the internet and wants to review these abstracts, they can do so for free by going to MEDLINE located on the U.S. National Library of Medicine website. MEDLINE, a subset of PubMed, can be found on the internet at [http://www/pubmed.com](http://www.pubmed.com). No registration is required. Access to various MEDLINE services is also available from medical libraries, many public libraries, and other commercial sources. The full text of referenced articles may be reviewed on the PubMed website for a fee. A class member or a member of his or her family may also review the full text of the article for free if the article is accessed through a library that subscribes to the particular journal.

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## **BIBLIOGRAPHY OF PUBLISHED ARTICLES ON HEART VALVES**

ACC/AHA 2007 Guidelines on Perioperative Cardiovascular Evaluation and Care for Noncardiac Surgery: A Report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines, October 23, 2007, Journal of the American College Cardiology.<sup>1</sup>

Actis Dato, G. M., Centofanti, P., Actis Dato, A., Jr., Aidala, E., Punta, G., Poletti, G., Di Summa, M., “Björk-Shiley Convexo-Concave Valve: is a Prophylactic Re- Replacement Justified?” Division of Cardiac Surgery, University of Turin, Italy, J Cardiovasc Surg (Torino), 1999, Jun., 40(3):343-6.  
PMID# 10412918

Afilalo, Jonathan, MD, MsC, Eisenberg, Mark J., MD, MPH, Morin, Jean-François, MD, Bergman, Howard, MD, Monette, Johanne, MD, MsC, Noiseux, Nicolas, MD, Perrault, Louis P., MD, PhD, Alexander, Karen J., MD, Langlois, Yves, MD, Dendukuri, Nandini, PhD, Chamoun, Patrick, RRT, Kasparian, Georges, BSc, Robichaud, Sophie, RRT, Gharacholou, S. Michael, MD, and Boivin, Jean-François, MD, ScD, “Gait Speed as an Incremental Predictor of Mortality and Major Morbidity in Elderly Patients Undergoing Cardiac Surgery,” JACC, Vol. 56, No. 20, 2010; 1668-1676.

Al-Lamee, Rasha, MA, MBBS, Broyd, Christopher, BSc, MBBS, Parker, Jessica, RGN, Davies, Justin E., MBBS, PhD, Mayet, Jamil, MBChB, MD, Sutaria, Nilesh, MBChB, MD, Ariff, Ben, MBBS, PhD, Unsworth, Beth, PhD, Cousins, Jonathan, BSc, MBBS, Bicknell, Colin, BSc, MBBS, Anderson, Jonathan, MBChB, Malik, Iqbal S., MBChB, PhD, Chukwuemeka, Andrew, MBBS, MD, Blackman, Daniel J., MBChB, MD, Moat, Neil, MBBS, Ludman, Peter F., MBChB, MD, Francis, Darrel P., MBChB, MD, and Mikhail, Ghada W., MBBS, MD, “Influence of Gender on Clinical Outcomes Following Transcatheter Aortic Valve Implantation from the UK Transcatheter Aortic Valve Implantation Registry and the National Institute for Cardiovascular Outcomes Research”, amjcard.2013.10.024.

Albrechtsson, U. G., Thulin, L. I., Olin, C. L., “Cineradiographic Functional Evaluation of the Björk-Shiley Monostrut Prosthesis,” Scan J. Thorac Cardiovasc Surg, 1987, 21:91-5.  
PMID# 3589598

Athappan, Ganesh, MD, Patvardhan, Eshan, MD, Tuzcu, E. Murat, MD, Svensson, Lars Georg, MD, PHD, Lemos, Pedro A., MD, Fraccaro, Chiara, MD, PHD, Tarantini, Giuseppe, MD, PHD, Sinning, Jan-Malte, MD, Nickenig, Georg, MD, Capodanno, Davide, MD, PHD, Tamburino, Corrado, MD, PHD, Latib, Azeem, MD, Colombo, Antonio, MD, Kapadia, Samir R., MD, “Incidence, Predictors, and Outcomes of Aortic Regurgitation After Transcatheter Aortic Valve Replacement Meta-Analysis and Systematic Review of Literature”, Journal of the American College of Cardiology Vol. 61, No. 15, 2013.

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<sup>1</sup> This document is available on the World Wide Website of the American College of Cardiology, [www.acc.org](http://www.acc.org) and the American Heart Association, [myamericanheart.org](http://myamericanheart.org).

- Au, J., Sang, C. T., "Strut Fracture and Disc Embolisation of a Björk-Shiley Aortic Prosthesis Emergency Operation With Survival," case report, Department of Cardiothoracic Surgery, Royal Infirmary of Edinburgh, U.K., Scand J Thorac Cardiovasc Surg, 1989, 23(3):297-8.  
PMID#2617253
- Badak, M.I., Ozkiasacik E.A., Boga M., Gurcun U., Discigil B. "Replacement of a Björk-Shiley Delrin Aortic Valve Still Functioning After 25 Years." Tex Hart Inst. J. 2004;31(3):303-5; discussion 305.  
PMID# 15562853 [PubMed - indexed for MEDLINE]
- Balram, A., Kaul, U., Rama Rao, B. V., Iyer, K. S., Rajani, M., Rao, I. M., Bhatia, M. L., Gopinath, N., Venugopal, P., "Thrombotic Obstruction of Björk-Shiley Valves-- Diagnostic and Surgical Considerations," Int J Cardiol, 1984, Jul, 6(1):61-73.  
PMID# 6746137
- Barwinsky, J., Cohen, M., Bhattacharya, S., Kim, S., Teskey, J., "Björk-Shiley Cardiac Valves Long Term Results Winnipeg Experience," Cardiovascular and Thoracic Surgery Section, St Boniface General Hospital, Winnipeg, Manitoba, Can J Cardiol, 1988, Oct., 4(7):366-71.  
PMID# 3228763
- Bessell, J. R., Gower, G., Craddock, D. R., Stubberfield, J., Maddern, G. J., "Thirty Years Experience with Heart Valve Surgery Isolated Aortic Valve Replacement," Cardio-Thoracic Surgical Unit, Royal Adelaide Hospital, Australia, Aust N Z J Surg, 1996, Dec., 66(12):799-805.  
PMID# 8996059
- Birkmeyer, J. D., Marrin, C. A., O'Connor, G. T., "Should Patients with Björk-Shiley Valves Undergo Prophylactic Replacement?" Program in Medical Information Science, Dartmouth Medical School, Hanover, New Hampshire, Lancet, 1992, Aug., 340(8818):520-3.  
PMID# 1354284
- Björk, V. O., "Optimal Orientation of the 60 Degrees and the 70 Degrees Björk-Shiley Tilting Disc Valves," Scand J Thorac Cardiovasc Surg, 1982, 16(2):113-8.  
PMID# 7156920
- Björk, V. O., Henze, A., "Ten Years' Experience with the Björk-Shiley Tilting Disc Valve," J Thorac Cardiovasc Surg, 1979, Sep., 78(3):331-42.  
PMID# 470414
- Björk, V. O., "Development of Mechanical Heart Valves Past, Present and Future," Heart Institute of the Desert, Eisenhower Medical Centre, Rancho Mirage, California, Can J Cardiol, 1989, Jan-Feb., 5(1):64-73.  
PMID# 2645983
- Björk, V. O., Henze, A., Hindmarsh, T., "Radiopaque Marker in the Tilting Disc of the Björk-Shiley Heart Valve. Evaluation of in Vivo Prosthetic Valve Function by Cineradiography," J Thorac Cardiovasc Surg, 1977, 73:563-9.  
PMID# 839847

- Björk, V. O., "A New Tilting Disk Prosthesis," Scan J Thorac Cardiovasc Surg, 1969, 3:1-10.  
Abstract Not Available
- Björk, V.O., "Metallurgic and Design Development in Response to Mechanical Dysfunction of Björk-Shiley Heart Valves," Scan J Thorac Cardiovasc Surg, 1985, 19:1-12.  
PMID# 4012235
- Blackstone, E. H., Kirklin, J. W., "Recommendations for Prophylactic Removal of Heart Valve Prostheses," Department of Surgery, University of Alabama, Birmingham School of Medicine and Medical Center, Published Erratum Appears in J Heart Valve Dis, 1993, Mar., 2(2):249," J Heart Valve Dis, 1992, Sep., 1(1):3-14.  
PMID# 1341219
- Bloomfield, P., Wheatley, D. J., Prescott, R. J., Miller, H. C., "Twelve-Year Comparison of a Björk-Shiley Mechanical Heart Valve with Porcine Bioprostheses," N Engl J Med, 1991, 324:573-79.  
PMID# 1992318
- Blot, W. J., Omar, R. Z., Kallewaard, M., Morton, L. S., Fryzek, J. P., Ibrahim, M. A., Acheson, D., Taylor, K. M., van der Graaf, Y., "Risks of Fracture of Björk-Shiley 60 Degree Convexo-Concave Prosthetic Heart Valves: Long-Term Cohort Follow Up in the UK, Netherlands and USA," Journal of Heart Valve Disease, 2001, March, 10(2):202-9.  
PMID# 11297207
- Blot, W.J., Ibrahim M.A., Ivey T.D., Acheson D.E., Brookmeyer R., Weyman A., Defauw J., Smith J.K., Harrison D. "Twenty-five-year Experience with Björk-Shiley Convexoconcave Heart Valve: A Continuing Clinical Concern." Circulation.2005 May 31; 111(21):2850-7.  
PMID# 15927993 [PubMed - indexed for MEDLINE]
- Blot, W. J., Signorello, Lisa B, Cohen, Sarah S., Ibrahim, Michel A., "Single Leg Separation Prevalence Among Explanted Björk Shiley Prosthetic Heart Valves." The Journal of Heart Valve Disease, 2007; 16; 657-661.  
PMID# 18095516
- Borkon, A. M., Soule, L., Baughman, K. L., Aoun, H., Gardner, T. J., Watkins, L., Jr., Baumgartner, W. A., Gott, V. L., Reitz, B. A., "Ten-Year Analysis of the Björk-Shiley Standard Aortic Valve," Ann Thorac Surg, 1987, Jan., 43(1):39-51.  
PMID# 3800480.
- Brendzel, A.M., Rambod E., Jorgensen S.M., Reyes D.A., Chmekik M.S., Ritman E.L. "Three-Dimensional Imaging of Fractures in Outlet Struts of Björk-Shiley Convexo-Concave Heart Valves by Microcomputed Tomography in Vitro." J. Heart Value Dis. 2002 Jan;11(1):114-20.  
PMID# 11843496 [PubMed - indexed for MEDLINE].
- Brennan, J. Matthew, MD, MPH; Fred H. Edwards, MD; Yue Zhao, PhD; Sean M. O'Brien, PhD; Pamela S. Douglas, MD; Eric D. Peterson, MD, MPH; on behalf of the Developing Evidence to Inform Decisions About Effectiveness–Aortic Valve

- Replacement (DECIDE AVR) Research Team, "Long-Term Survival After Aortic Valve Replacement Among High-Risk Elderly Patients in the United States Insights From the Society of Thoracic Surgeons Adult Cardiac Surgery Database, 1991 to 2007", *Circulation*. 2012;126:1621-1629.
- Brochet, E., Bougis de Brux, M. A., Assayag, P., Benacin, Y., Gamerman, G., Guerot, C., Valere, P. E., "Late Outlet Strut Fracture of an Aortic Björk-Shiley and Embolization of the Prosthetic Disc," [Article in French], *Service de cardiologie, hospital Beaujon, Clichy, Arch Mal Coeur Vaiss*, 1988, Sep., 81(9):1127-9.  
PMID# 3143335
- Brodin, L. A., Ekestrom, S., Forssell, G., Lindblom, D., Pehrsson, S. K., "Strut-Fracture of a Björk-Shiley Tilting Disc Valve Diagnosed by Echocardiography -- a Case Report," Dept. of Conical Physiology, Karolinska Hos., Stockholm, Sweden, *Eur Heart J*, 1988, Feb., 9(2):191-3.  
PMID# 3350029
- Brown, ML, Schaff, HV, Lahr, BD, Mullany, CJ, Sundt, TM, Dearani, JA, McGreagor, CG, Orszulak, TA., "Aortic valve replacement in patients aged 50 to 70 years: improved outcome with mechanical versus biologic prostheses," *J Thorac Cardiovasc Surg*. 2008 Apr; 135(4):878-84.  
PMID# 18374773
- Brubakk, O., Simonsen, S., Kallman, L., Fredriksen, A., "Strut Fracture in the New Björk-Shiley Mitral Valve Prosthesis," *Thorac. Cardiovasc. Surgeon*, 1981, 29:108-109.  
PMID# 6166068
- Brutel de la Riviere, A., Tavilla, G., Vermeulen, F., "Successful Reoperation in a Fractured Convexo-Concavo 70 Degrees Aortic Björk-Shiley Valve," St. Antonius Ziekenhuis, Nieuwegein, The Netherlands, *Eur J Cardiothorac Surg*, 1989, 3(4):365-6.  
PMID# 2624808
- Buja, Paolo, MD, PhDa,, Napodano, Massimo MDa,†, Tamburino,Corrado MD, PhDb, Petronio, Anna Sonia, MDc, Ettori, Federica MDd, Santoro, Gennaro MDe, Ussia, Gian Paolo MD, PhDb, Klugmann, Silvio MDf, Bedogni, Francesco MDg, Ramondo, Angelo MDh, Maisano, Francesco MDi, Marzocchi, Antonio MDj, Poli, Arnaldo MDk, Gasparetto, Valeria MDa, Antoniucci, David MDe,Colombo, Antonio MD, PhDi, and Tarantini, Giuseppe MD, PhDa,, on behalf of the Italian Multicenter CoreValve Registry Investigators, "Comparison of Variables in Men Versus Women Undergoing Transcatheter Aortic Valve Implantation for Severe Aortic Stenosis" (from Italian Multicenter CoreValve Registry), *Am J Cardiol* 2013;111:88e93.
- Candy, J. V., Jones, H. E., "Processing of Prosthetic Heart Valve Sounds for Single Leg Separation Classification," University of California, Lawrence Livermore National Laboratory 94550, USA, *J Acoust Soc Am*, 1995, Jun., 97(6):3663-73.  
PMID# 7790647
- Cane, M. E., McGrath, L. B., "Elective Reoperation for a Strut Fracture in a Björk-Shiley Convexo-Concave Mitral Valve," Department of Thoracic and

- Cardiovascular Surgery, Deborah Heart and Lung Center, Browns Mills, New Jersey, Ann Thorac Surg, 1994, Oct., 58(4):1184-5.  
PMID# 7944782
- Chandler, J. G., Hirsch, J. L., O'Neill, W. W., Oesterle, S. N., Miller, D. C., Kennedy, J. A., Faichney, A., "Radiographic Detection of Single Strut Leg Separations as a Putative Basis for Prophylactic Explantation of Björk-Shiley Convexo-Concave Heart Valves," The Shiley Heart Valve Research Center, 16700 Red Hill Avenue, Irvine, California, World J Surg, 1996, Oct., 20(8):953-9; discussion 959-60.  
PMID# 8798347
- Chandran, K. B., Khalighi, B., Chen, C. J., Falsetti, H. L., Yearwood, T. L., Hiratzka, L. F., "Effect of Valve Orientation on Flow Development Past Aortic Valve Prostheses in a Model Human Aorta," J Thorac Cardiovasc Surg, 1983, Jun, 85(6):893-901.  
PMID# 6855259
- Chia, Raymond, "Finite Element Analysis of Vibrations of the Björk Shiley Convexo-Concave Heart Valve," Shiley Heart Valve Research Center, IEEE, 1994 1063-7125/94.
- Chieffo, Alaide MD, Buchanan, Gill Louise MBCHB, Van Mieghem, Nicolas M. MD, Tchetché, Didier MD, Dumonteil, Nicolas MD, Latib, Azeem MD, van der Boon, Robert M. A. MSC, Vahdat, Olivier MD, Bertrand Marcheix, MD, PHD, Farah, Bruno MD, Serruys, Patrick W. MD, PHD, Fajadet, Jean MD, Carrié, Didier MD, PHD, de Jaegere, Peter P. T. MD, PHD, Colombo, Antonio MD, "Transcatheter Aortic Valve Implantation With the Edwards SAPIEN Versus the Medtronic CoreValve Revalving System Devices A Multicenter Collaborative Study: The PRAGMATIC Plus Initiative (Pooled-Rotterdam-Milano-Toulouse In Collaboration)", Journal of the American College of Cardiology Vol. 61, No. 8, 2013.
- Chikwe, Joanna, MD, Croft, Lori B, MD, Goldstone, Andrew, BA, Castillo, Javier G., MD, Rahmanian, Parwis B., MD, Adams, David H., MD, and Filsoufi, Farzan, MD, "Comparison of the Results of Aortic Valve Replacement With or Without Concomitant Coronary Artery Bypass Grafting in Patients With Left Ventricular Ejection Fraction  $\leq 30\%$  Versus Patients With Ejection Fraction  $>30\%$ ," The American Journal of Cardiology 2009; 104:1717-1721.
- Cloutier, G., Durand, L. G., Guardo, R., Sabbah, H. N., Stein, P. D., "Bias and Variability of Diagnostic Spectral Parameters Extracted From Closing Sounds Produced by Bioprosthetic Valves Implanted in the Mitral Position," IEEE Trans Biomed Eng., 1989, 36:815-825.  
PMID# 2759640
- Cremer, J., Boetel, C., Fredow, G., Gebureck, P., Haverich, A., "Radiographic Assessment of Structural Defects in Björk-Shiley Convexo-Concave Prostheses," Department of Cardiovascular Surgery, Christian-Albrechts-University Kiel, Germany, Eur J Cardiothorac Surg, 1995, 9(7):373-7.  
PMID# 8519516

- Davis, P. K., Myers, J. L., Pennock, J. L., Thiele, B. L., "Strut Fracture and Disc Embolization in Björk-Shiley Mitral Valve Prostheses Diagnosis and Management," Ann Thorac Surg, 1985, Jul., 40(1):65-8.  
PMID# 4015246
- Dawkins, K. D., Cotter, L., Gibson, D. G., "Assessment of Mitral Björk-Shiley Prosthetic Dysfunction Using Digitized M Mode Echocardiography," Br Heart J, 1984, Feb., 51(2):168-74.  
PMID# 6691866
- "Decreased Thrombogenicity of Björk-Shiley Convexo-Concave Valve," (1986), To the Editor, The Annals of Thoracic Surgery, 41:346-348, No. 5.  
PMID# 3954512
- de Mol, B. A., Overkamp, P. J., van Gaalen, G. L., Becker, A. E., "Non-Destructive Assessment of 62 Dutch Björk-Shiley Convexo-Concave Heart Valves," Eur J Cardiothorac Surg, 1997, Apr., 11(4): 703-8; discussion 708-9.  
PMID# 915041
- de Mol, B. A., Cromheecke, M. E., Groen, J. G., Faber, G., van der Heiden, M. S., Ongkiehong, L., "The Complexity of External Acoustic Detection of Defects in Björk-Shiley Convexoconcave Heart Valves," Artificial Organs, 2001, Jan., 25(1):63-7.  
PMID# 11167563
- de Mol, B. A., Kallewaard, M., McLellan, R. B., van Herwerden, L. A., Defauw, J. J., van der Graaf, Y., "Single-Leg Strut Fractures in Explanted Björk-Shiley Valves," Safety Science Group, Delft University of Technology and Cardiopulmonary Surgical Center of Amsterdam, Netherlands, Lancet, 1994, Jan., 343(8888):9-12.  
PMID# 7905086
- Diener, Hans-Christoph, Sacco, Ralph L., Yusuf, Salim; "Effects of Aspirin Plus Extended-Release Dipyridamole versus Clopidogrel and Telmisartan on Disability and Cognitive Function after Recurrent Stroke In Patients with Ischaemic Stroke in the Prevention Regimen for Effectively Avoiding Second Strokes": (PROFESS) Trial: A Double-Blind, Active and Placebo-Controlled Study, October 2008, The Lancet Neurology, pgs. 875-884.  
PMID# 18757238
- Donnerstein, R. L., Scott, W. A., Vasu, A., Copeland, J. G., "Acoustic Analysis of the Closing Sounds of Bileaflet Prosthetic Valves in a Sheep Model," J Thorac Cardiovasc Surg, 1991, 101:1060-1068.  
PMID# 2038199
- Dow, J. J., Plemons, T. D., Scarbrough, K., Reeder, H., Hovenga, M., Wieting, D. W., Chandler, J. G., "Acoustic Assessment of the Physical Integrity of Björk-Shiley Convexo-Concave Heart Valves," Tracor Applied Sciences, Inc, Austin, Tex, USA, Circulation, 1997, Feb 18, 95(4):905-9.  
PMID# 9054749



- Durand, L. G., Grenier, M. C., Inderbitzen, R., Wieting, D. W., Stein, P. D., "Low Frequency Analysis of Opening Sound for Detection of Single Leg Separation of Björk-Shiley Convexo-Concave Heart Valves," Biomedical Engineering Laboratory, Clinical Research Institute of Montreal, Quebec, Canada, J Heart Valve Dis, 1995, Jul., 4 Suppl 1:S32-7.  
PMID# 8581209
- Dvir, Danny, MD; Webb, John, MD; Brecker, Stephen, MD; Bleiziffer, Sabine, MD; Teiger, Hengstenberg, Christian MD; Moat, Neil E. FRCS; Bekeredjian, Raffi MD; Napodano, Massimo MD; Testa, Luca MD, PhD; Lefevre, Thierry MD; Guetta, Victor MD; Nissen, Henrik MD, PhD; Hernandez, Jose-Maria MD; Roy, David MD; Teles, Rui C. MD; Segev, Amit MD; Dumonteil, Nicolas MD; Fiorina, Claudia MD; Gotzmann, Michael MD; Tchetché, Didier MD; Abdel-Wahab, Mohamed MD; De Marco, Federico MD; Baumbach, Andreas MD; Laborde, Jean-Claude MD; Kornowski, Ran MD., "Transcatheter Aortic Valve Replacement for Degenerative Bioprosthetic Surgical Valves Results From the Global Valve-in-Valve Registry", (*Circulation*. 2012; 126:2335-2344.)
- Eberhardt, A. C., Chassaing, C. E., Ward, M. A., Lewandowski, S. J., "Acoustic Characterization of Mechanical Valve Condition and Loading," Structural Acoustics, Inc., Raleigh, North Carolina 27612, USA, J Heart Valve Dis, 1995, Nov., 4(6):649-58; discussion 658-9.  
PMID# 8611981
- Ebner, E., Sehner, J., Eger, H., Ursinus, W., "Real Time Sound Spectroanalysis for Diagnosis of Malfunctioning Prosthetic Valves (Björk-Shiley Prostheses) [Schallspektrographische Untersuchungen zur Diagnose von Dysfunktionen Mechanischer Herzklappenprothesen (Björk-Shiley-Prothesen)], Z Kardiol, 1983, 72:174-179.  
PMID# 6858296
- Eikelboom, John W. and Weitz, Jeffrey I., "Update on Antithrombotic Therapy, New Anticoagulants," *Circulation*. 2010; 121:1523-1532.
- Eikelboom JW, Connolly SJ, Brueckmann M, et al. "Dabigatran Vs. Warfarin in patients with mechanical heart valves. *N Engl J Med* 2013; 369:1206-14. See also, *N Engl J Med* 370;4 nejm.org January 23, 2014, "Dabigatran in Patients with Mechanical Heart Valves" (several letters to the Editor regarding the original article).
- Eitz, Thomas, Schenk, Soren, Fritzsche, Dirk, Bairaktaris, Andreas, Wagner, Otto, Koertke, Heinrich, and Koefer, Reiner, "International Normalized Ratio Self-Management Lowers the Risk of Thromboembolic Events After Prosthetic Heart Valve Replacement," Ann Thorac Surg 2008;85:949-555.  
PMID# 18291177
- Erickson, R., Thulin, L., Richard, G., "In-Vitro Study of Mechanical Heart Valve Sound Loudness as Measured by ISO-532/B, Department of Thoracic and Cardiovascular Surgery, University Hospital, Lund, Sweden, IEEE 063-7125/94, 1994.  
PMID# 8087274

- Ericsson, A., Lindblom, D., Semb, G., Huysmans, H. A., Thulin, L. I., Scully, H. E., Bennett, J. G., Ostermeyer, J., Grunkemeier, G. L., "Strut Fracture with Björk-Shiley 70 Degrees Convexo-Concave Valve. An International Multi-Institutional Follow-Up Study," Karolinska Hospital, Stockholm, Sweden, Eur J Cardiothorac Surg, 1992, 6(7):339-46.  
PMID# 1497924
- Feldman, Arthur M., MD, PhD, DiSesa, Verdi J. MD, MBA, "Transcatheter Aortic Valve Replacement Flattening the Cost Curve", Published Online: May 5, 2014.  
doi:10.1001/jama.2014.4606.
- Fessatidis, I. T., Vassiliadis, K. E., Monro, J. L., Ross, J. K., Shore, D. F., Drury, P. J., "Thirteen Years Evaluation of the Björk-Shiley Isolated Mitral Valve Prosthesis. The Wessex Experience," Wessex Cardiothoracic Centre, Southampton General Hospital, England, J Cardiovasc Surg (Torino), 1989, Nov-Dec., 30(6):957-65.  
PMID# 2600129
- Fielder, J. H., "Getting the Bad News About Your Artificial Heart Valve," The Hastings Center Report, 1993, 23(2):22.  
PMID# 8463086
- Fielder, John H., "Ethical Issues in Biomedical Engineering: The Björk-Shiley Heart Valve," Engineering in Medicine and Biology Magazine, 1991, Mar., 10(1):76-8.  
PMID# 11659469
- Fleisher, Lee A., "ACC/AHA 2007 Guidelines on Perioperative Cardiovascular Evaluation and Care for Non Cardiac Surgery: A Report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines." Circulation 2007; 116: e 418, ee 299  
PMID# 18292406
- Franck, Levy, Maillet, Jean, Tourneau, Thierry, Gori, Mauro, Chauvel, Christophe, Tribouilloy, Christophe, "Aortic Valve Replacement for Low-Flow/Low-Gradient Aortic Stenosis," J. Am. Coll. Cardiol. 2008; 51:1466-1472  
PMID# 18402902
- Gaos, C. M., Tiller, J. P., Lochridge, S. K., "Successful Replacement of a Fractured Björk-Shiley Aortic Valve Prosthesis," Alabama Heart Institute, Division of Cardiovascular Surgery, Baptist Medical Centers, Birmingham, J. Cardiovasc Surg (Torino), 1988, Jan-Feb, 29(1):106-8.  
PMID# 3339070
- Généreux, Philippe, MD, Cohen, David J., MD, MSC, Williams, Mathew R. MD, Mack, Michael, MD, Kodali, Susheel K., MDSvensson, Lars G. MD, PHD, Kirtane, Ajay J., MD, SM, Xu, Ke, PHD, McAndrew, Thomas C., MS, Makkar, Raj, MD, Smith, Craig R., MD, Leon, Martin B., MD, "Bleeding Complications After Surgical Aortic Valve Replacement Compared With Transcatheter Aortic Valve Replacement Insights From the PARTNER I Trial (Placement of Aortic Transcatheter Valve)", JACC, Vol. 63, No. 11, 2014.
- Généreux, Philippe MD, Head, Stuart J. MSC, Hahn, Rebecca MD, Daneault, Benoit MD, Kodali, Susheel MD, Williams, Mathew R. MD, van Mieghem, Nicolas M.

- MD, Alu, Maria C. MM, Serruys, Patrick W. MD, PHD, Kappetein, A. Pieter MD, PHD, Leon, Martin B. MD, "Paravalvular Leak After Transcatheter Aortic Valve Replacement The New Achilles' Heel? A Comprehensive Review of the Literature", *Journal of the American College of Cardiology* Vol. 61, No. 11, 2013.
- Ghosh, P. K., Hartstein, M. L., Kolker, P., Thomson, N. B., "Björk-Shiley Valve Malfunction by Prolapsed Sutures," *J Cardiovasc Surg (Torino)*, 1986, Nov-Dec, 27(6):683-4.  
PMID #3782271
- Giersiepen, M., Krause, U., Knott, E., Reul, H., Rau, G., "Velocity and Shear Stress Distribution Downstream of Mechanical Heart Valves in Pulsatile Flow," *Helmholtz-Institute for Biomedical Engineering, Aachen, FRG, Int J Artif Organs*, 1989, Apr., 12(4):261-9.  
PMID# 2722280
- Gilchrist, I. C., Cardella, J. F., Fox, P. S., Pae, W. E., el-Ghamry Sabe, A. A., Landis, J. R., Localio, A. R., Kunselman, A. R., Hopper, K. D., "Radiographic Detection of Single-Leg Fracture in Björk-Shiley Convexo-Concave Prosthetic Valves a Phantom Model Study," Department of Medicine, The Pennsylvania State University College of Medicine, The Milton S. Hershey Medical Center, Hershey 17033, USA, *Am Heart J*, 1997, Feb., 133(2):197-202.  
PMID# 9023166
- Godwin, R. J., "Cineradiographic Assessment of Björk-Shiley Aortic and Mitral Prosthetic Heart Valves," *Clin Radiol*, 1977, 28:355-60.  
PMID# 872501
- Goldstein, J. A., Zucker, R. P., Lee, B. Y., "Echocardiographic Demonstration of Outlet Strut Fracture of a Björk-Shiley Mitral Prosthesis," *J Am Coll Cardiol*, 1986, Apr., 7(4):949-52.  
PMID# 3958356
- Gonzales-Lavin, L., McGrath, L. B., Grunkemeier, G., Fernandez, J., Lewis, B., Quinlan, W., "Strut Fracture and Other Events After Valve Replacement with the 60 Degree Convexoconcave Björk-Shiley Prosthesis," *Circulation*, 1987, Sep., 76 (3 Pt 2):III137-40.  
PMID# 3621537
- Goovaerts, J., De Geest, H., "Outlet Strut Fracture of the 27 mm Convexoconcave Björk-Shiley Mitral Valve Prosthesis. Report of 2 Cases," *Acta Cardiol*, 1986, 41(4):305-11.  
PMID# 2431498
- Graaf, Yvd, et al., "Risk of Strut Fracture of Björk-Shiley Valves," *The Lancet*, 1992, 339(8788):257.  
PMID# 1013360
- Grunkemeier, G. L., Anderson, W. N., Jr., "Passive Surveillance of Heart Valve Devices Björk-Shiley Outlet Strut Fracture Rates," Providence Health System, Albert Starr Academic Center for Cardiac Surgery, Portland, Oregon, *J Long Term Eff Med Implants*, 1995, 5(3):155-60.

PMID# 8269157

Grunkemeier, G.L., Starr, A., Rahimtoola, S.H., "Prosthetic Heart Valve Performance Long-Term Follow-Up." Curr Probl Cardiol, 1991, 17:335-406.  
PMID# 1499328

Grunkemeier, G. L., Chandler, J. G., Miller, D. C., Jamieson, W. R., Starr, A., "Utilization of Manufacturers' Implant Card Data to Estimate Heart Valve Failure," St. Vincent Heart Institute, Portland, Oregon, J Heart Valve Dis, 1993, Sep., 2(5):493-503.  
PMID# 1499328

Gurvitch, Ronen, MBBS, Anson Cheung, MD, Jian Ye, MD, David A. Wood, MD, Alexander B. Willson, MBBS, Stefan Toggweiler, MD, Ronald Binder, MD, John G. Webb, MD, "Transcatheter Valve-in-Valve Implantation for Failed Surgical Bioprosthetic Valves", JACC Vol. 58, No. 21, 2011, November 15, 2011:2196-209.

Hahn, Rebecca T., MD, Pibarot, Philippe, DVM, PHD, Stewart, William J., MD, Weissman, Neil J., MD, Gopalakrishnan, Deepika, MD, Keane, Martin G. MD, Anwaruddin, Saif, MD, Wang, Zuyue, MD, Bilsker, Martin, MD, Lindman, Brian R., MD, Herrmann, Howard C., MD, Kodali, Susheel K., MD,\*y Raj Makkar, MD,zz Vinod H. Thourani, MD,xx Lars G. Svensson, MD, Akin, Jodi J., MS, Anderson, William N., PHD, Leon, Martin B., MD, Douglas, Pamela S., MD, "Comparison of Transcatheter and Surgical Aortic Valve Replacement in Severe Aortic Stenosis: A Longitudinal Study of Echocardiography Parameters in Cohort A of the PARTNER Trial (Placement of Aortic Transcatheter Valves)", Journal of the American College of Cardiology Vol. 61, No. 25, 2013.

Hannan, Edward L., PhD, Wu, Chuntao, M.D., Ph.D., Bennett, Edward V., M.D., Carlson, Russell E., M.D., Culliford, Alfred T., M.D., Gold, Jeffrey P., M.D., Higgins, Robert S., M.D., Smith, Craig R., M.D., and Jones, Robert H., M.D. "Risk Index for Predicting In-Hospital Mortality for Cardiac Valve Surgery." Thorac Surg 2007;83:921-30.  
PMID# 17307434

Harjula, A., Mattila, S., Maamies, T., Mattila, I., Mattila, P., Skytta, J., Tala, P., "Long-Term Follow-Up of Björk-Shiley Mitral Valve Replacement. 10 Years' Experience," Scand J Thorac Cardiovasc Surg, 1986, 20(1):79-84.  
PMID# 3704602

Harrison, Donald C., MD, Ibrahim, Michel A. MD, PhD, Weyman, Arthur E., MD, Kuller, Lewis H., MD, DrPH, Blot, William J., PhD, and Miller, David E., Med, "The Björk-Shiley Convexo-Concave Heart Valve Experience from the Perspective of the Supervisory Panel" Am J Cardiol 2013;112:1921e1931.

Harrison, E. C., Rashtian, M. Y., Allen, D. T., Yoganathan, A. P., Rahimtoola, S. H., "An Emergency Physician's Guide to Prosthetic Heart Valves: Identification and Hemodynamic Function," Section of Cardiology, Los Angeles County-USC Medical Center, Ann Emerg Med, 1988, Mar, 17(3): 194-200.

PMID# 3289423

Hedger, P., "Single-Leg Separations in Explanted Björk-Shiley Convexo-Concave Heart Valves," Lancet, 1994, 343:294-5.

PMID# 7905199

Hendel, P. N., "Björk-Shiley Strut Fracture and Disc Escape: Literature Review and a Method of Disc Retrieval," Department of Cardiothoracic Surgery, Catharina Hospital, Eindhoven, The Netherlands, Ann Thorac Surg, 1989, Mar, 47(3):436-40.

PMID# 2649033

Herman, B.A., Carey, R.F., Chwirut, D.J., "In Vitro Detection of Prosthetic Heart Valve Strut Fracture by Acoustic Emission Analysis," ASME Journal, presented at the Winter Annual Meeting of the ASME, Dec., 10-15, 1989.

Herse, B., Baryalei, M., Wiegand, V., Autschbach, R., "Fractured Strut of Björk-Shiley 70 Degrees Convexo-Concave Mitral Valve Prosthesis Found in Left Coronary Artery. Use of a Portable Transcutaneous Cardiopulmonary Bypass System for Successful Valve Replacement," Department of Thoracic and Cardiovascular Surgery, University of Gottingen, Germany, Thorac Cardiovasc Surg, 1993, Feb, 41(1): 77-9.

PMID# 8367861

Heystraten, FMJ, Paalman, H., "Cineradiographic Evaluation of Björk-Shiley Mitral and Aortic Valves: A Study of Sixty Cases," Ann Radiol, 1981, 24:346-8.

PMID# 7332220

Hiratzka, L. F., Kouchoukos, N. T., Grunkemeier, G. L., Miller, D. C., Scully, H. E., Wechsler, A. S., "Outlet Strut Fracture of the Björk-Shiley 60 Degrees Convexo-Concave Valve: Current Information and Recommendations for Patient Care," Shiley Incorporated, Cincinnati, Ohio, J Am Coll Cardiol, 1988, May, 11(5): 1130-7.

PMID# 3281994

Hoehn, Bruno, M.D., Ph.D., and Duval, Xavier, M.D., Ph.D., "Infective Endocarditis", N Engl J Med 2013;368:1425-33.

Holmes, David R., Jr., MD, Chair, Michael J. Mack, MD, Vice Chair†, Sanjay Kaul, MBBS, Vice Chair, Arvind Agnihotri, MD‡, Karen P. Alexander, MD, Steven R. Bailey, MD§, John H. Calhoun, MD‡, Blase A. Carabello, MD, Milind Y. Desai, MBBS, Fred H. Edwards, MD, Gary S. Francis, MD, Timothy J. Gardner, MD, A. Pieter Kappetein, MD, PhD, Jane A. Linderbaum, MS, CNP, Chirojit Mukherjee, MD, Debabrata Mukherjee, MD, Catherine M. Otto, MD, Carlos E. Ruiz, MD, PhD, Ralph L. Sacco, MD, Donnette Smith, James D. Thomas, MD, "2012 ACCF/AATS/SCAI/STS Expert Consensus Document on Transcatheter Aortic Valve Replacement", Ann Thorac Surg, 1341, 2012; 93:1340-95.

Hopper, K. D., Gilchrist, I. C., Landis, J. R., Abolfathi, A. H., Localio, A. R., Wilson, R. P., Pae, W. E., Jr., Kunselman, A. R., Wieting, D. W., Griffith, J. W., Pierce, W. S., Potok, P. S., TenHave, T. R., Chandler, J. G., "In Vivo Accuracy of Two Radiographic Systems in the Detection of Björk-Shiley Convexo-Concave Heart

- Valve Outlet Strut Single Leg Separations," Journal of Thoracic and Cardiovascular Surgery, 1998, March, 115(3):582-90.  
PMID# 9535446
- Hopper, K. D., Gilchrist, I. C., Landis, J. R., Localio, A. R., Wilson, R. P., Pae, W. E., Jr., Kunselman, A. R., Griffith, J. W., Pierce, W. S., Potok, P. S., TenHave, T. R., "Detection of Björk-Shiley Convexo-Concave Heart Valve Outlet Strut Single Leg Separations Consensus Image Acquisition and Interpretation Using Two Different Cineradiographic Imaging Technologies," Department of Radiology, Department of Medicine, Penn State University, Hershey, Penn. 17033, USA, Cardiology, 1999, 91(2):96-101.  
PMID# 10449880
- Husebye, D. G., Pluth, J. R., Piehler, J. M., et al., "Reoperation on Prosthetic Heart Valves: An Analysis of Risk Factors in 552 Patients," J Thorac Cardiovasc Surg., 1983, 86:543-552.  
PMID# 6621082
- Ibarra, F., Gutierrez, A., Martinez, F., Carreras, L., Lopez, C., Alonso-Lej, F., "Fracture of the Outlet Strut of a Björk-Shiley Mitral Prosthesis Emergency Operation with Survival," J Thorac Cardiovasc Surg, 1984, Feb., 87(2):315-8.  
PMID# 6694423
- Inberg, M. V., Vanttinen, E., Rantakokko, V., "Clinical Results After Mitral Valve Replacement with the Björk-Shiley Disc Prosthesis," Department of Surgery, University of Turku, Finland, Scand J Thorac Cardiovasc Surg, 1987, 21(3):239-43.  
PMID# 3438720
- Ishimaru, S., Furuawka, K., Takahashi, M., "Cineradiographic Evaluation of the Convexo-Concave Björk-Shiley Prosthetic Valve in Mitral Position," Scand J Thorac Cardiovasc Surg, 1983, 17(3):211-5.  
PMID# 6648396
- Iyer, K. S., Reddy, K. S., Rao, I. M., Venugopal, P., Bhatia, M. L., Gopinath, N., "Valve Replacement in Children Under Twenty Years of Age. Experience With the Björk-Shiley Prosthesis," J Thorac Cardiovasc Surg, 1984, Aug., 88(2):217-24.  
PMID# 6748715
- Jaumin, P., Ponlot, R., Schoevaerdt, J. C., Brasseur, L., Chalant, C. H., "Strut Fracture of the Björk-Shiley Aortic Valve," J Thorac Cardiovasc Surg, 1984, 88:787-91.  
PMID# 6492846
- Jones, Robert H, "The Year in Cardiovascular Surgery" J. Am. Coll. Cardiol 2004; 43; 1706-1714.  
PMID # 15120834
- Kallewaard, M., Algra, A., van der Graaf, Y., "Welder Identity, Weld Date and the Risk of Outlet Strut Fracture in Björk-Shiley Convexo-Concave Valves: The Dutch Cohort Study," Internal Document, 1997(a), 9 pp, Heart, 1996, 76:510-12.  
PMID# 9014800

- Kallewaard, M., Algra, A., Defauw, J., Grobbee, D., van der Graaf, Y., "Long-Term Survival After Valve Replacement with Björk-Shiley CC Valves," Björk-Shiley Study Group, American Journal of Cardiology, 2000, March, 85(5):598-603.  
PMID# 11078274
- Kallewaard, M., Algra, A., Defauw, J., van der Graaf, Y., "Which Manufacturing Characteristics are Predictors of Outlet Strut Fracture in Large Sixty-Degree Björk-Shiley Convexo-Concave Mitral Valves? The Björk-Shiley Study Group," Journal of Thoracic and Cardiovascular Surgery, 1999, April, 117(4):766-75.  
PMID# 10093973
- Kallewaard, M., Algra, A., Defauw, J., Grobbee, D., van der Graaf, Y., "Likelihood of Underreporting of Outlet Strut Fracture From Examination of the Dutch Björk-Shiley CC Cohort," American Journal of Cardiology, 1998, September, 82(6):768-73.  
PMID# 9761088
- Kallewaard, M., Algra, A., Defauw, J., van der Graaf, Y., "Prophylactic Replacement of Björk-Shiley Convexo-Concave Valves at Risk of Strut Fracture. Björk-Shiley Study Group," Journal of Thoracic and Cardiovascular Surgery, 1998, March, 115(3):577-81, discussion 591-2.  
PMID# 9535445
- Kallewaard, M., Defauw, J., van der Graaf, Y., "Psychological Distress Among Recipients of Björk-Shiley Convexo-Concave Valves: the Impact of Information," Heart, 1997, Dec., 78(6):577-80.  
PMID# 9470874
- Kang, Duk-Hyun, M.D., Ph.D., Yong-Jin Kim, M.D., Ph.D., Sung-Han Kim, M.D., Ph.D., Byung Joo Sun, M.D., Dae-Hee Kim M.D., Ph.D., Sung-Cheol Yun, Ph.D., Jong-Min Song, M.D., Ph.D., Suk Jung Choo, M.D., Ph.D., Cheol-Hyun Chung, M.D., Ph.D., Jae-Kwan Song, M.D., Ph.D., Jae-Won Lee, M.D., Ph.D., and Dae-Won Sohn, M.D., Ph.D.," Early Surgery versus Conventional Treatment for Infective Endocarditis", New England Journal of Medicine 366;26, June 28, 2012.
- Karkouti, Keyvan, MD; Wijeyesundera, Duminda N., MD; Yau, Terrence M., MD; Callum, Jeannie L., MD; Cheng, Davy C., MD; Crowther, Mark, MD; Dupuis, Jean-Yves, M.C.; Fremes, Stephen E., MD; Kent, Blaine, MD; Laflamme, Claude, MD; Lamy, Andre, MD; Legare, Jean-Francois, MD; Mazer, C. David, MD; McCluskey, Stuart A., MD; Rubens, Fraser D., MD; Sawchuk, Corey, MD, Beattie, W. Scott, MD; "Acute Kidney Injury After Cardiac Surgery Focus on Modifiable Risk Factors, Circulation 2009; 119:4952-502  
PMID# 19153273
- Katagiri, M., Otsuka, H., Matsuoka, A., Kasuya, S., "Survival Following Outlet Strut Fracture of a Björk-Shiley Mitral Prosthesis. Report of Two Cases," Cardiovascular Center, Tachikawa General Hospital, Niigata, Japan, J Cardiovasc Surg (Torino), 1990, Jan-Feb., 31(1):50-1.  
PMID# 2324182

- Kaul, T. K., Mercer, J. L., "Combined Mitral and Aortic Valve Replacement with Björk-Shiley Prostheses Long Term Survival and Valve-Related Complications," Broadgreen Hospital, Liverpool, United Kingdom, Thorac Cardiovasc Surg, 1990, Oct., 38(5):302-7.  
PMID# 2264039
- Kent, David M., David E. Thaler, "Stroke Prevention -- Insights from Incoherence", The New England Journal of Medicine, Volume 359: 1287-1289, September 18, 2008.  
PMID1875364
- Keuleers, Siegmund, MD, Herijgers, Paul, MD, PhD, Herregods, Marie-Christine, MD, PhD, Budts, Werner, MD, PhD, Dubois, Christophe, MD, PhD, Meuris, Bart, MD, PhD, Verhamme, Peter, MD, PhD, Flameng, Willem, MD, PhD, Van de Werg, Frans, MD, PhD, and Adriaenssens, Tom, MD, "Comparison of Thrombolysis Versus Surgery as a First Line Therapy for Prosthetic Heart Valve Thrombosis," AM J Cardiol 2011; 107; 275-279.
- Kien, G. A., Jeffries, B., Katz, H. V., Herman, B. A., Carey, R. F., Chwirut, D. J., Bushar, H. F., "Digital Acoustical Analysis of Normal and Bimodal Björk-Shiley 60 Degrees Convexo-Concave Heart Valves," International Acoustics Incorporated, Palatine, Illinois, Am J Cardiol, 1990, Oct., 66(10);849-54.  
PMID# 2220584
- Kim, Dae-Hee, Kang, Duk-Hyun, Lee, Myung-Zoon, Yun, Sung-Cheol, Kim, Yong-Jin, Song, Jong-Min, Song, Jae-Kwan, Lee, Jae-Won, and Sohn, Dae-Won, "Impact of Early Surgery on Embolic Events in Patients With Infective Endocarditis," Circulation 2010; 122;S17-S22.
- King, R., "Medical Journals Rarely Disclose Researchers' Ties, Wall Street Journal, Feb., 2, 1999.  
Abstract Not Available
- Kober, G., Hilgermann, R., "Catheter Entrapment in a Björk-Shiley Prosthesis in Aortic Position," Cathet Cardiovasc Diagn, 1987, Jul-Aug, 13(4):262-5.  
PMID# 3621339
- Koch, Colleen Gorman, Li, Liang, Sessler, Daniel I, Figueroa, Priscilla, Hoeltge, Gerald A, Mihaljevic, Tomislav, and Blackstone, Eugene H, "Duration of Red-Cell Storage and Complications after Cardiac Surgery," N Engl J Med 2008;358:1229-39.  
PMID# 18354101
- Kodali, Susheel K. M.D., Mathew R. Williams, M.D., Craig R. Smith, M.D., Lars G. Svensson, M.D., Ph.D., John G. Webb, M.D., Raj R. Makkar, M.D., Gregory P. Fontana, M.D., Todd M. Dewey, M.D., Vinod H. Thourani, M.D., Augusto D. Pichard, M.D., Michael Fischbein, M.D., Ph.D., Wilson Y. Szeto, M.D., Scott Lim, M.D., Kevin L. Greason, M.D., Paul S. Teirstein, M.D., S. Chris Malaisrie, M.D., Pamela S. Douglas, M.D., Rebecca T. Hahn, M.D., Brian Whisenant, M.D., Alan Zajarias, M.D., Duolao Wang, Ph.D., Jodi J. Akin, M.S., William N. Anderson, Ph.D., and Martin B. Leon, M.D., for the PARTNER Trial



- Investigators, "Two-Year Outcomes after Transcatheter or Surgical Aortic-Valve Replacement", *New England Journal of Medicine* 366;18, May 3, 2012.
- Koldslund, S., Svennevig, J. L., Abdelnoor, M., Aas, H., Semb, G., "Five-Year Results After Valve Replacement with the Björk-Shiley 70 Degrees Convexo-Concave Prosthesis," Department of Surgery, University of Oslo, Ullevaal Hospital, Norway, *Scand J Thorac Cardiovasc Surg*, 1992, 26(1):65-8.  
PMID# 1529300
- Koldslund, S., Svennevig, J. L., Semb, G., "Mechanical Failure of a Heart Valve Prosthesis. Diagnosis and Treatment Illustrated by a Case Report," [Article in Norwegian], *Tidsskr Nor Laegeforen*, 1989, Aug., 109(24):2422-3.  
PMID# 2814953
- Koornneef, F., van Gaalen, G. L., de Mol, B. A., "A Risk Assessment and Control Model for the Failing Björk-Shiley Convexo-Concave Heart Valve," Delft University of Technology, University of Amsterdam, *Int J Technol Assess Health Care*, 1996, 12(1):141-5.  
PMID# 8690554
- Krotin, M., Krotin, J.M., Zdravković, M., "Triple Björk-Shiley Valve--more than 30 years of asymptomatic functioning: to the memory of late academic Prof. Isidor Papo and the 45<sup>th</sup> anniversary of the first valve implanation in Yugoslavia," Clinical Hospital Center Beianijska kosa, Department of Cardiology, Belgrade, Serbia, *Vojnosanit, Pregl.* 2010: Aug; 67(8):685-7  
PMID: 20845674 [PubMed - indexed for MEDLINE]
- Krane, Markus, MD; Bauernschmitt, Robert, MD, PhD; Hiebinger, Andreas; Wottke, Michael, MD, MPH; Voss, Bernhard, MD; Badiu, Catalin Constantin, MD; Lange, Rüdiger, MD, "Cardiac Reoperation in Patients Aged 80 Years and Older," *Ann Thorac Surg* 2009; 87:1379-1385.
- Kuntze, C. E., Blackstone, E. H., Ebels, T., "Thromboembolism and Mechanical Heart Valves a Randomized Study Revisited," Department of Cardiothoracic Surgery, University Hospital Groningen, The Netherlands, *Ann Thorac Surg*, 1998, Jul., 66(1):101-7.  
PMID# 9692447
- Kutsukata, N., "Long-Term Results in Valve Replacement with Björk-Shiley Prosthesis. Analysis of Life Expectancy by Relative Survival Rate," [Article in Japanese], Second Department of Surgery, Nippon Medical School, *Nippon Ika Daigaku Zasshi*, 1995, Dec., 62(6):574-87.  
Abstract Not Available
- Kvitting JP, Dyverfeldt P, Sigfridsson A., Franzen S, Wigström L., Bolger AF, Ebbers T., "In Vitro Assessment of Flow Patterns and Turbulence Intensity in Prosthetic Heart Valves Using Generalized Phase-Contrast MRI," Department of Cardiothoracic Surgery, Linköping, Sweden 2010

PMID: 20432341 [PubMed - indexed for MEDLINE]

Kvitting, J.P., Dyverfeldt, P., Franzen, S., Wigström, L., Bolger, A.F., Ebbers, T., "In Vitro Assessment of Flow Patterns and Turbulence Intensity in Prosthetic Heart Valves Using Generalized Phase-Contrast MRI," *J Magn Reson Imaging*: 2010 May; 31(5):1075-80.

Labaf, A, Grzymala-Lubanski, B, Stagmo, M, Lövdahl, S, Wieloch, M, Själander, A, Svensson, P.J. "Thromboembolism, major bleeding and mortality in patients with mechanical heart valves- a population-based cohort study". *Thromb Res*. 2014 Aug;134(2):354-9.

LaBounty, Troy M., Agarwal, Prachi P., Chughtai, Aamer, Bach, David S., Wizauer Eric, Kazerooni, Ella A., "Evaluation of Mechanical heart Valve Size and Function With ECG-Gates 64-MDCT," *AJR*: 193, November 2009: 389-396.

Lancaster, J., Metallurgy of Welding, 1993, 12:81.

Larsen, A., Sivertsen, E., Semb, G., "Immediate and Late Results of Aortic Valve Replacement with the Björk-Shiley Tilting Disc Valve," Scand J Thorac Cardiovasc Surg, 1978, 12(3):189-96.  
PMID# 152973

Lee, H., Tsukiya, T., Homma, A., Taenaka, Y., Takano, H. "Measurement of the Closing Behavior of the Björk-Shiley Monoleaflet Mechanical Heart Valve with an Electrohydraulic total Artificial Heart." *Ortif Organs*. 2003 Aug; 27(8):744-8.  
PMID# 12911350 [PubMed - indexed for MEDLINE]

Lee, Richard MD, Shuang, Li MS, Rankin, J. Scott MD, O'Brien, Sean M., PhD, Gammie, James S., MD, Peterson, Eric D. MD, McCarthy, Patrick M. MD, and Edwards, Fred H. MD, "Fifteen-Year Outcome Trends for Valve Surgery in North America," *Ann Thorac Surg* 2011; 91:677-84.

Lemke, B., Rathmann, J., Wiebe, V., Witzel, U., "Strut Fracture of a Convex-Concave 60 Degree Björk-Shiley Mitral Valve Prosthesis 5 Years After Implantation-- Metallurgic Analysis of the Prosthesis Strut," [Article in German], *Abteilung fur Kardiologie und Angiologie, Berufsgenossenschaftliche Krankenanstalten Bergmannsheil Bochum, Universitätsklinik, Z Kardiol*, 1991, Aug., 80(8): 537-40.  
PMID# 1950077

Leon, Martin B., MD, Smith, Craig R. MD, Mack, Michael, MD, Miller, D. Craig, MD, Moses, Jeffrey W., MD, Svensson, Lars G., MD, PhD, Tuzcu, E. Murat, MD, Webb, John G., MD, Fontana, Gregory P., MD, Makkar, Raj R., MD, Brown, David L. MD, Block, Peter C., MD, Guyton, Robert A., MD, Pichard, Augusto D., MD, Bavaria, Joseph E., MD, Herrmann, Howard C., MD, Douglas, Pamela S., MD, Petersen, John L. MD, Akin, Jodi J., MS, Anderson, William N., PhD, Wang, Duolao, PhD, and Pocock, Stuart, PhD, "Transcatheter Aortic-Valve Implantation for Aortic Stenosis in Patients who Cannot Undergo Surgery," *N Engl J Med* 2010; 363; 17; 1597-1607.

- Leyenaar, H. J., Abolfathi, A. H., Bakalyar, D. M., Conlin, C. H., Wieting, D. W., Chandler, J. G., "A Working Cardiac Valve Phantom for Radiographic Assessment of Prosthetic Heart Valves," Shiley Heart Valve Research Center, Irvine, CA, USA, Acad Radiol, 1995, Oct., 2(10):896-901.  
PMID# 9419657
- Lifschultz, B. D., Donoghue, E. R., "Strut Fracture in a Björk-Shiley Aortic Valve Prosthesis," J Forensic Sci, 1985, Oct., 30(4):1244-7.  
PMID# 4067547
- Lindblom, D., Rodriguez, L., Björk, V. O., "Mechanical Failure of the Björk-Shiley Valve. Updated Follow-Up and Considerations on Prophylactic Rereplacement," Department of Thoracic Surgery, Karolinska Hospital, Stockholm, Sweden, J Thorac Cardiovasc Surg, 1989, Jan., 97(1):95-7.  
PMID# 2911201
- Lindblom, D., "Long-Term Clinical Results After Aortic Valve Replacement with the Björk-Shiley Prosthesis," Department of Thoracic Surgery, Karolinska Hospital, Stockholm, Sweden, J Thorac Cardiovasc Surg, 1988, Apr., 95(4):658-67.  
PMID# 3352301
- Lindblom, D., "Long-Term Clinical Results After Mitral Valve Replacement with the Björk-Shiley Prosthesis", Department of Thoracic Surgery, Karolinska Hospital, Stockholm, Sweden, J Thorac Cardiovasc Surg, 1988, Feb., 95(2):321-33.  
PMID# 3339899
- Lindman, Brian R. MD, MSCI, Alexander, Karen P. MD, O’Gara, Patrick T. MD, Afilalo, Jonathan MD, MSC, "Futility, Benefit, and Transcatheter Aortic Valve Replacement", JACC: Cardiovascular Interventions, Vol. 7, No. 7, 2014.
- Luciani, Nicola, Amedeo, Anselmi, DeGeest, Raphael, Martinelli, Lorenzo, Perisano; Mario, Possati, Gianfederico, "Extracorporeal Circulation by Peripheral Cannulation Before Redo Sternotomy: Indications and Results," J Thoracic and Cardiovascular Surgery, 2008; 136:572-577.  
PMID# 18805254
- Maeta, H., Jikuya, T., Terada, Y., Minato, N., Tsutsui, T., Hori, M., "Acute But Intermittent Sticking of a Björk-Shiley Mitral Valve in Closed Position," Jpn Heart J, 1985, Sep, 26(5): 879-84.  
PMID# 4087380
- Makkar, Raj R, M.D., Gregory P. Fontana, M.D., Hasan Jilaihawi, M.D., Samir Kapadia, M.D., Augusto D. Pichard, M.D., Pamela S. Douglas, M.D., Vinod H. Thourani, M.D., Vasilis C. Babaliaros, M.D., John G. Webb, M.D., Howard C. Herrmann, M.D., Joseph E. Bavaria, M.D., Susheel Kodali, M.D., David L. Brown, M.D., Bruce Bowers, M.D., Todd M. Dewey, M.D., Lars G. Svensson, M.D., Ph.D., Murat Tuzcu, M.D., Jeffrey W. Moses, M.D., Matthew R. Williams, M.D., Robert J. Siegel, M.D., Jodi J. Akin, M.S., William N. Anderson, Ph.D., Stuart Pocock, Ph.D., Craig R. Smith, M.D., and Martin B. Leon, M.D., for the PARTNER Trial Investigators, "Transcatheter Aortic-Valve Replacement for Inoperable Severe Aortic Stenosis", New England Journal of Medicine 366;18 May 3, 2012.

- Mann, D. L., Gillam, L. D., Marshall, J. E., King, M. E., and Weyman, A. E., "Doppler and Two-Dimensional Echocardiographic Diagnosis of Björk-Shiley Prosthetic Valve Malfunction Importance of Interventricular Septal Motion and the Timing of Onset of Valve Flow," J Am Coll Cardiol, 1986, Oct., 8(4):971-4.  
PMID# 3760370
- Marshall, W. G., Jr., Kouchoukos, N. T., Pollock, S. B., Bradley, E. L., "Early Results of Valve Replacement with the Björk-Shiley Convexoconcave Prosthesis," Ann Thorac Surg, 1984, May, 37(5):398-403.  
PMID# 6712344
- Martin A., Christy J.R. "An In-vitro Technique for Assessment of Thrombogenicity in Mechanical Prosthetic Cardiac Valves: Evaluation with a Range of Valves types." J Heart Valve Dis. 2004 May;13(3):509-520.  
PMID# 15222300 [PubMed - indexed for MEDLINE]
- McEnany, T. M., Wheeler, E. O., Austen, W. G., "Survival Following Fracture of Strut From Mitral Prosthesis with Disk Translocation," Thorac. Cardiovasc. Surgeon, 1979, 12:81.  
PMID# 449379
- McKellar, SH, Abel, S., Camp CL, Suri RM, Ereth MH, Schaff HV, "Effectiveness of Dabigatran Etxilate for Thromboprophylaxis of Mechanical Heart Valves," J Thorac Cardiovasc Surg. 2011 Mar 21. PMID: 21429525.
- Mehlman, D. J., "A Pictorial and Radiographic Guide for Identification of Prosthetic Heart Valve Devices," Prog Cardiovasc Dis, 1988, 30:441-64.  
PMID# 3368577
- Mohan, J. C., Agrawal, R., Arora, R., Khalilullah, M., "Improved Doppler Assessment of the Björk-Shiley Mitral Prosthesis Using the Continuity Equation," Department of Cardiology, G. B. Pant Hospital, New Delhi, India, Int J Cardiol, 1994, Mar., 1;43(3):321-6.  
PMID# 8181890
- Mohty, Dania, MD, PhD; Dumesnil, Jean G., MD; FRCPC, FACC; Echahidi, Najmeddine, MD, Mathieu, Patrick, MD, FRCS; Dagenais, Francois, MD, FRCS; Voisine, Pierre, MD Ph.D., Pibarot, Philippe, DVM, PhD, FACC, FAHA; "Impact of Prosthesis-Patient Mismatch on Long-Term Survival After Aortic Valve Replacement" JACC Vol. 53, No. 1, 2009, December 30, 2008/January 6, 2009: 39-47  
PMID# 19118723
- Mok, C. K., Lee, J. W., Kong, S. M., Hui, K. K., "Experience With Outlet Strut Fracture of the Björk-Shiley Convexoconcave Mitral Valve Prosthesis," Am Heart J, 1985, Oct., 110(4):814-8.  
PMID# 4050654
- Montorsi, P., Repossini, A., Bartorelli, A. L., "Cinefluoroscopic Identification of Björk-Shiley Prosthetic Heart Valves," Instituto di Cardiologia, Universita di Milano, Fondazione I. Monzino, Italy, Eur Heart J, 1993, Nov., 14(11):1514-8.

PMID# 8299634

Mylotte, Darren, MD, Osnabrugge, Ruben L. J. .MSC, Windecker, Stephan, MD, Lefèvre, Thierry, MD, de Jaegere, Peter, MD, PHD, Jeger, Raban, MD, Wenaweser, Peter, MD, Maisano, Francesco, MD, Moat, Neil, MD, Søndergaard, Lars, MD, Bosmans, Johan, PHD, Teles, Rui C., MD, Martucci, Giuseppe, MD, Manoharan, Ganesh, MD, Garcia, Eulogio, MD, Van Mieghem, Nicolas M., MD, Kappetein, , A. Pieter MD, PHD, Serruys, Patrick W., MD, PHD, Lange, Ruediger, MD, PHD, Piazza, Nicolo, MD, PHD, “Transcatheter Aortic Valve Replacement in Europe: Adoption Trends and Factors Influencing Device Utilization”, *Journal of the American College of Cardiology* Vol. 62, No. 3, 2013.

Nakano, S., Kawashima, Y., Hirose, H., Matsuda, H., Shirakura, R., Kawamoto, T., “Strut Fracture of a Björk-Shiley Mitral Valve Prosthesis with Successful Reoperation,” *J Cardiovasc Surg (Torino)*, 1986, Nov-Dec., 27(6):685-7.  
PMID# 3536950

Nashef, S. A., Sethia, B., Turner, M. A., Davidson, K. G., Lewis, S., Bain, W. H., “Björk-Shiley and Carpentier-Edwards Valves. A Comparative Analysis,” *J Thorac Cardiovasc Surg*, 1987, Mar., 93(3):394-404.  
PMID# 3821149

Naumann, Dr. Markus, Hoffmann, Dr. Erich, and Toyka, Dr. Klaus V., “Multifocal Brain MRI Hypointensities Secondary to Embolic Metal Fragments From a Mechanical Heart Valve Prosthesis: A Possible Source of Epileptic Seizures,” *Neurology Journal*, Dec., 1998, 51:1766-1767.  
PMID# 9822248

Newman, Dr. Mark F. and others, “Longitudinal Assessment of Neurocognitive Function After Coronary-Artery Bypass Surgery,” *New England Journal of Medicine*, Feb. 8, 2001, 344:6.  
PMID# 11172175

Nickenig, Georg MD, PHD, Estevez-Loureiro, Rodrigo MD, PHD, Franzen, Olaf MD, Tamburino, Corrado MD, PHD, Vanderheyden, Marc MD, Lüscher, Thomas F. MD, Moat, MS, Susanna Price, MD, PHD,\*\* Gianni Dall’Ara, MD, Reidar Winter, Neil MD, PHD, Corti, Roberto MD, Grasso, Carmelo MD, Snow, Thomas M. MD, Jeger, Raban MD, Blankenberg, Stefan MD, Settergren, Magnus MD, PHD, Tiroch, Klaus MD, Balzer, Jan MD, Petronio, Anna Sonia MD, Büttner, Heinz-Joachim MD, Ettore, Federica MD, Sievert, Horst MD, Fiorino, Maria Giovanna MD, Claeys, Marc MD, PHD, Ussia, Gian Paolo MD, Baumgartner, Helmut MD, Scandura, Salvatore MD, Alamgir, Farqad MD, Keshavarzi, Freidoon MD, Colombo, Antonio MD, Maisano, Francesco MD, PHD, Ebel, Henning MD, Aruta, Patrizia MD, Lubos, Edith MD, Plicht, Björn MD, Schueler, Robert MD, Pighi, Michele MD, Di Mario, Carlo MD, PHD, on behalf of the Transcatheter Valve Treatment Sentinel Registry Investigators of the EURObservational Research Programme of the European Society of Cardiology, Percutaneous Mitral Valve Edge-to-Edge Repair In-Hospital Results and 1-Year Follow-Up of 628 Patients of the 2011–2012 Pilot European Sentinel Registry”, *Journal of the American College of Cardiology*, Vol. 64, No. 9, 2014.

- Nishi, Y., Aoyagi, S., Hirano, A., et al., "Cineradiographical significance for Diagnosis and Treatment of Thrombosed Björk-Shiley Prosthesis in the Aortic Position," J Jpn Assoc Thorac Surg, 1989, 37:1088-93.  
PMID# 2809281
- Nishimura, Rick A., Chair, "2008 Writing Group to Review New Evidence and Update the ACC/AHA, 2006 Guidelines for The Management of Patients with Valvular Heart Disease, "ACC/AHA 2008 Guideline Update on Valvular Heart Disease: Focused Update on Infective Endocarditis A Report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines Endorsed by the Society of Cardiovascular Anesthesiologists, Society for Cardiovascular Angiography and Interventions, and Society of Thoracic Surgeons," Journal of the American College of Cardiology, August, 2008, Vol 52, Issue 8, pgs 676-685.  
PMID# 18702916
- Novaro, G. M., Robbins, M. A., Firstenberg, M. S., Prior, D. L., Stewart, W. J., Rodriguez, L. L., "Disk Embolization of a Björk-Shiley Convexo-Concave Mitral Valve: A Cause of Sudden Cardiovascular Collapse and Mesenteric Ischemia," Journal of the American Society of Echocardiography, 2000, May, 13(5):417-20.  
PMID# 10804442
- Oakley, Reida El, Kleine, Peter, and Bach, David S, "Choice of Prosthetic Heart Valve in Today's Practice," Circulation, 2008;117:253-256.  
PMID# 18195186
- Ohta, S., Ohuchi, M., Katsumoto, K., Hosoi, Y., Kitamura, N., Tanizaki, M., Ihara, K., Sumida, S., "Comparison of Long-Term Clinical Results of the Three Models of the Björk-Shiley Valve Prosthesis and the Omnicarbon Valve Prosthesis," [Article in Japanese], Department of Cardiovascular Surgery, National Hospitals of Hakodate, Sendai, Japan, Nippon Kyobu Geka Gakkai Zasshi, 1995, Sep., 43(9):1569-78.  
PMID# 8530840
- Olin, C. L., Bomfim, V., Halvazulis, V., Holmgren, A. G., Lamke, B. J., "Optimal Insertion Technique for the Björk-Shiley Valve in the Narrow Aortic Ostium," Ann Thorac Surg, 1983, Nov, 36(5):567-76.  
PMID# 6357126
- Omar, R. Z., Morton, L. S., Beirne, M., Blot, W. J., Lawford, P. V., Hose, R., Taylor, K. M., "Outlet Strut Fracture of Björk-Shiley Convexo-Concave Valves: Can Valve-Manufacturing Characteristics Explain the Risk?" Journal of Thoracic and Cardiovascular Surgery, 2001, June, 121(6):1143-9.  
PMID# 11385382
- Omar, R. Z., Morton, L. S., Halliday, D. A., Danna, E. M., Beirne, M. T., Blot, W. J., Taylor, K. M., "Outlet Strut Fracture of Björk-Shiley Convexo Concave Heart Valves: the UK Cohort Study," Heart, 2001, July, 86(1):57-62.  
PMID# 11410563
- Omar R. Z., Morton L. S., Murad S., Taylor K.M. "Use of Flexibility Tests in the Manufacturing Process of 60 Degrees Björk-Shiley Convexo-Concave Valves and

- the Risk of Outlet Strut Fracture." J. Thorac Cardiovasc Surg. 2003 Sep;126(3):832-6.  
PMID# 14502162 [PubMed - indexed for MEDLINE]
- O'Neill, W. W., Chandler, J. G., Gordon, R. E., Bakalyar, D. M., Abolfathi, A. H., Castellani, M. D., Hirsch, J. L., Wieting, D. W., Bassett, J. S., Beatty, K. C., et al., "Radiographic Detection of Strut Separations in Björk-Shiley Convexo-Concave Mitral Valves," Department of Internal Medicine, William Beaumont Hospital, Royal Oak, Mich 48073, USA, N Engl J Med, 1995, Aug., 333(7):414-9.  
PMID# 7616990
- Orszulak, T. A., Schaff, H. V., DeSmet, J. M., Danielson, G. K., Pluth, J. R., Puga, F. J., "Late Results of Valve Replacement with the Björk-Shiley Valve (1973 to 1982)," Section of Thoracic, Cardiovascular, Vascular, and General Surgery, Mayo Clinic, Rochester, MN, J Thorac Cardiovasc Surg, 1993, Feb., 105(2):302-12.  
PMID# 8429659
- Ostermeyer, J., Horstkotte, D., Bennett, J., Huysmans, H., Lindblom, D., Olin, C., Orinius, E., Semb, G., "The Björk-Shiley 70 Degree Convexo-Concave Prosthesis Strut Fracture Problem," (present state of information), Thorac Cardiovasc Surg, 1987, Apr., 35(2):71-7.  
PMID# 2440138
- Oxenham H., Bloomfield P., Wheatley D.J., Lee R.J., Cunningham J., Prescott R.J., Miller H.C. "Twenty Year Comparison of a Björk-Shiley Mechanical Heart Valve with Porcine Bioprostheses." Heart. 2003 Jul;90(7):715-21.  
PMID# 12807838 [PubMed - indexed for MEDLINE]
- Pai, G. P., Ellison, R. G., Rubin, J. W., Moore, H. V., Kamath, M. V., "Disc Immobilization of Björk-Shiley and Medtronic Hall Valves During and Immediately After Valve Replacement," Ann Thorac Surg, 1987, Jul, 44(1): 73-6.  
PMID# 3606263
- Piehler, I. M., Blackstone, E. H., Bailey, K. R., Sullivan, M. E., Pluth, I. R., Weiss, N. S., Brookmeyer, R. S., Chandler, J. G., "Reoperation on Prosthetic Heart Valves," Journal of Thoracic Cardiovascular Surgery, 1995, 109:30-48.  
PMID# 7815806
- Pibarot, Philippe and Dumesnil, Jean G., "Prosthetic Heart Valves: Selection of the Optimal Prosthesis and Long-Term Management" Circulation, 2009; 119; 1034-1048  
PMID# 19237674
- Plemons, T. D., Hovenga, M., "Acoustic Classification of the State of Artificial Heart Valves," Tracor Applied Sciences, Inc., Austin, Texas, USA, J Acoust Soc Am, 1995, Apr., 97(4):2326-33.  
PMID# 7714253

- Powell, K. A., Obuchowski, N. A., Yeung, A. C., Kennedy, J. A., Cornhill, J. F., "Correlation of Valve Closing to Visualization of Single-Leg Separation in Radiographic Images of Björk-Shiley Convexo-Concave Heart Valves," Department of Biomedical Engineering, Whitaker Biomedical Imaging Laboratory, Lerner Research Institute, Cleveland Clinic Foundation, Ohio 44195, USA, J Heart Valve Dis, 1999, Jul., 8(4):399-403. PMID# 10461239
- Powell, K. A., Obuchowski, N. A., Mueller, K. D., LaPresto, E., Hwang, C. G., Hirsch, J. L., Nissen, S. E., Cornhill, J. F., "Quantitative Detection of Outlet Strut Separations in Björk-Shiley Convexo-Concave Mitral Valves," Department of Biomedical Engineering, Cleveland Clinic Foundation, OH 44195, USA, Circulation, 1996, Dec 15, 94(12):3251-6. PMID# 8989137
- Prendergast, Bernard D., DM, FRCP; Tornos, Pilar, MD, FESC, "Surgery for Infective Endocarditis, Who and When?," Circulation 2010; 121:1141-1152.
- Rahimtoola, Shahbudin H., MB, FRCP, DSc (Hon), "Choice of Prosthetic Heart Valve in Adults," J Am Coll Cardiol 2010;55:2413-26.
- Rahimtoola, Shahbudin H. MB, FRCP, DSC (HON), "The Year in Valvular Heart Disease", Journal of the American College of Cardiology Vol. 61, No. 12, 2013.
- Rahimtoola, Shahbudin H., MB, FRCP, DSC (HON), "The Year in Valvular Heart Disease", "The Year in Valvular Heart Disease", Journal of the American College of Cardiology Vol. 63, No. 19, 2014.
- Rahimtoola, Shahbudin, H., MBm, FRCP, DSc (Hon), "Choice of Prosthetic Heart Valve in Adults," J Am Coll Cardiol 2010; 55:2413-26.
- Rahimtoola, Shahbudin H, "The Year in Valvular Heart Disease," Journal of the American College of Cardiology, Vol 51, No 7, 2008:758-9. PMID# 18279742
- Rajani, M., Mukhopadhyay, S., Maheshwari, R., Venugopal, P., Bhargava, S., "Thrombosis of Björk-Shiley Valve Prostheses. Evaluation by Cineradiography," Acta Radiol [Diagn] (Stockh), 1983, 24(5):363-7. PMID# 6666659
- Rajesh, P. B., Smith, G. H., Lawford, P. V., Black, M. M., "Elective Removal of Convexo-Concave Björk-Shiley Valves," Department of Cardiac Surgery, University of Sheffield, United Kingdom, Ann Thorac Surg, 1994, Aug., 58(2):563-4; discussion 564-5. PMID# 8067870
- Rau G., Reul, H., Eichler, M., Schreck, S., Wieting, D. W., "The Effect of Left Ventricular dP/dt on the In Vitro Dynamics of the Björk-Shiley Convexo-Concave Mitral Valve," Helmholtz-Institute, Aachen, Germany, J Heart Valve Dis, 1995, Jul., 4 Suppl 1:S17-20. PMID# 8581205



Ray Wayne A., Stein, C. Michael, "The Aprotinin Story -- Is BART the Final Chapter" The New England Journal of Medicine, Vol. 358: 2398 to 2400, May 29, 2008.

Reif, T. H., Huffstutler, M. C., Jr., "A Comparative Flow Study of the Omniscience and the Björk-Shiley Cardiac Valve Prostheses," Int J Artif Organs, 1984, Sep., 7(5):277-82.  
PMID# 6500735

Ribeiro, Henrique Barbosa, MD, Nombela-Franco, Luis, MD, Urena, Marina, MD, Mok, Michael, MD, Pasian, Sergio, MD, Doyle, Daniel, MD, DeLarochelière, Robert, MD, Côté, Mélanie, MSC, Laflamme, Louis, MS, DeLarochelière, Hugo, MS, Allende, Ricardo, MD, Dumont, Eric, MD, Rodés-Cabau, Josep, MD, "Coronary Obstruction Following Transcatheter Aortic Valve Implantation, A Systematic Review", J A C C : C A R D I O V A S C U L A R I N T E R V E N T I O N S V O L . 6 , N O . 5 , 2 0 1 3.

Rockelein, G., Breme, J., von der Emde, J., "Lethal Blockage of a Björk-Shiley Artificial Heart Valve Caused by Strut Fracture--the Metallurgical Aspect," Published erratum appears in Thorac Cardiovasc Surg, 1989, Oct., 37(5):316, Thorac Cardiovasc Surg, 1989, Feb., 37(1): 47-51.  
PMID# 2922752

Roselli, Eric E., Petterson, Gösta B., Blackstone, Eugene H., Brizzio, Mariano E., Houghtaling, Penny L., Hauch, Regina, Burke, Jacob, Lytle, Bruce W., "Adverse Events During Reoperative Cardiac Surgery: Frequency, Characterization, And Rescue," J Cardiovascular Surg, 2008; 135: 316-323.  
PMID# 18242260

Ruel, Marc, Chan, Vincent, Bédard, Pierre, Kulik, Alexander, Ressler, Ladislaus, Lan B. Khanh, Rubens, Fraser D., Goldstein, William, Hendry, Paul J., Masters, Roy G. and Mesana, Thierry G. "Very Long-Term Survival Implications of Heart Valve Replacement with Tissue Versus Mechanical Prostheses in Adults <60 Years of Age" Circulation, 2007; 116; (Suppl I): I-294-I-300.

Sacks, S. H., Northeast, A. D., Watkins, J., "Late Strut Fracture in a Björk-Shiley Valve Prosthesis (current series)," Br Heart J, 1984, May, 51(5):578-80.  
PMID# 6721952

Saito, S., Tokunaga, H., Takahashi, S., Aomi, S., "A Case of Minor Strut Fracture of Björk-Shiley Convexo-Concave Valve and a Case of Elective Prophylactic Reoperation," [Article in Japanese], Department of Cardiovascular Surgery, Kosei General Hospital, Tokyo, Japan, Nippon Kyobu Geka Gakkai Zasshi, 1995, Jun., 43(6): 852-6.  
PMID# 7616033

Sannino, Anna MD, Losi, Maria Angela MD, Schiattarella, Gabriele Giacomo MD, Gargiulo, Giuseppe MD, Perrino, Cinzia MD, PhD, Stabile, Eugenio MD, PhD, Toscano, Evelina MD, Giugliano, Giuseppe MD, Brevetti, Linda MD, Franzone, Anna MD, Cirillo, Plinio MD, Imbriaco, Massimo MD, Trimarco, Bruno MD, and Esposito, Giovanni MD, PhD, "Meta-Analysis of Mortality Outcomes and Mitral

- Regurgitation Evolution in 4,839 Patients Having Transcatheter Aortic Valve Implantation for Severe Aortic Stenosis”, *Am J Cardiol* 2014;114:875e882.
- Santarpino ,Giuseppe, Pfeiffer, Steffen, Vogt, Ferdinand, Hinzmann, Martin, Concistre, Giovanni, Fischlein, Theodor, “Advanced Age Per Se Should not be an Exclusion Criterion for Minimally Invasive Aortic Valve Replacement”, *The Journal of Heart Valve Disease* 2013;22:455-459.
- Sato, N., Miura, M., Itoh, T., Ohmi, M., Haneda, K., Mohri, H., Nitta, S., Tanaka, M., “Sound Spectral Analysis of Prosthetic Valvular Clicks for Diagnosis of Thrombosed Björk-Shiley Tilting Standard Disc Valve Prostheses,” *J Thorac Cardiovasc Surg*, 1993, 105:313-320.  
PMID# 8429660
- Scalia, D., Giacomini, A., Da Col, U., Valfre, C., “Successful Treatment of a Patient After Sudden Loss of the Disc in a Björk-Shiley Convexo-Concave Mitral Prosthesis,” Division of Cardiac Surgery, Ospedale Ca'Foncello, Treviso, Italy, *Thorac Cardiovasc Surg*, 1987, Oct, 35(5):318-20.  
PMID# 2447677
- Schoen, Frederick J., 1008 "Evolving Concepts of Cardiac Valve Dynamics, The Continuum of Development, Functional Structure, Pathobiology, and Tissue Engineering," *Circulation*. 2008; 118:1864-1880.
- Schondube, F. A., Althoff, W., Dorge, H. C., Voss, M., Laufer, J. L., Chandler, J. G., Messmer, B. J., “Prophylactic Reoperation for Strut Fractures of the Björk-Shiley Convexo-Concave Heart Valve,” Thoracic and Cardiovascular Surgery, Klinikum RWTH Aachen, Germany, *J Heart Valve Dis*, 1994, May, 3(3):247-53.  
PMID# 6865458
- Schreck, S., Inderbitzen, R., Chin, H., Wieting, D. W., Smilor, M., Breznock, E., Pendray, D., “Dynamics of Björk-Shiley Convexo-Concave Mitral Valves in Sheep,” Shiley Heart Valve Research Center, Irvine, California 92714, USA, *J Heart Valve Dis*, 1995, Jul., 4 Suppl 1:S21-4; discussion S24-5.  
PMID# 8581207
- Scully, H. E., Damle, A., Goldman, B. S., Tong, C., Azuma, J., Mickleborough, L. L., Schwartz, L., Baird, R. J., “Clinical Performance of Björk-Shiley Mechanical Heart Valves: A Perspective on Outlet Strut Fractures in the 60 Degrees and 70 Degrees Convexo-Concave Disc Models,” Division of Cardiovascular Surgery, Toronto General Hospital, University of Toronto, Ontario, *Can J Cardiol*, 1988, Oct., 4(7):386-92.  
PMID# 3228767
- Sethia, B., Turner, M. A., Lewis, S., Rodger, R. A., Bain, W. H., “Fourteen Years' Experience with the Björk-Shiley Tilting Disc Prosthesis,” *J Thorac Cardiovasc Surg*, 1986, Mar., 91(3):350-61.  
PMID# 3851241
- Shigenobu, M., Sano, S., “Criteria to Detect Mitral Prosthetic Valve Dysfunction via Continuous Wave Doppler Echocardiography,” Department of Cardiovascular

- Surgery, Okayama University Medical School, Japan, J Cardiovasc Surg (Torino), 1994, Aug., 35(4):301-6.  
PMID# 7929540
- Signorello, L. B., Kennedy, J. A., Richmond, R. A., Sieu, K. L., Blot, W. J., Harrison, D.C., "Self-Reported Quality of Life and Health Among Björk-Shiley Convexo-Concave Prosthetic Heart Valve Patients, Journal of Heart Valve Disease, 2001, March, 10(2):210-8.  
PMID# 11297208
- Sivertssen, E., "The Failing Heart Valve. History of the Björk-Shiley Convex-Concave Heart Valve," [Article in Norwegian], Avdeling for hjertesykdommer Medisinsk klinikk Ulleval sykehus, Oslo, Tidsskr Nor Laegeforen, 1996, Sep., 20;116(22):2666-8.  
PMID# 8928144
- Sivertssen, E., Field, N. B., Semb, G., "Long Term Results of the Use of Björk-Shiley Convex-Concave Heart Valves," [Article in Norwegian], Ullevol Hospital 1978-83, Avdeling for hjertesykdommer Medisinsk klinikk, Oslo, Tidsskr Nor Laegeforen, 1996, Sep, 116(22):2662-5.  
PMID# 8928143
- Skjelland, Mona, Michelsen, Annika, Frank Brosstad, Svennevig, Jan L, Brucher, Rainer, and Russell, David, "Solid Cerebral Microemboli and Cerebrovascular Symptoms in Patients With Prosthetic Heart Valves," Stroke, April 2008;1159-1164.  
PMID# 18292387
- Sohn K., Manning K.B., Fontaine A.A., Tarbell J.M., Deutsch S. "Acoustic and Visual Characteristics of Cavitation Induced by Mechanical Heart Valves." J Heart Valve Dis. 2005 July;14(4):551-8.  
PMID# 16116884 [PubMed - indexed for MEDLINE]
- Solem, J. O., Kugelberg, J., Stahl, E., "Acute Immobilization of the Disc in the Björk-Shiley Aortic Tilting Disc Valve Prosthesis. A report of 3 cases," Scand J Thorac Cardiovasc Surg. 1983, 17(3):217-9.  
PMID# 6359391
- Speziale, Giuseppe, MD.; Nasso, Giuseppe, MD; Barattoni, Maria Cristina, MSS; Bonifazi, Raffaele, MD; Esposito, Giampiero, MD, Coppola, Roberto, MD; Popoff, Georges, MD; Lamarra, Mauro, MD; Scorcini, Marcio, MD; Greco, Ernesto, MD; Argano, Vincenzo, MD; Zussa, Claudio, MD; Cristell, Donald, MD; Bartolomucci, Francesco, MD; Tavazzi, Luigi, MD, "Operative and Middle-Term Results of Cardiac Surgery in Nonagenarians, A Bridge Toward Routine Practice," Circulation 2010: 121:208-21
- Stein, P.D., Sabah, H.N. Albert, D.E., and Snyder, J.E., "Spectral Signature of the Opening Sound of the Björk-Shiley Convexo Concave Valve as a Potential Indicator of Strut Fracture," Am J Noninvas Cardioiol, 1987, 1:369-372.

- Stevenson, D. M., Yoganathan, A. P., Franch, R. H., "The Björk-Shiley Heart Valve Prosthesis. Flow Characteristics of the New 70 Degrees Model," Scand J Thorac Cardiovasc Surg, 1982, 16(1):1-7.  
PMID# 7071540
- Steyerberg, E. W., Kallewaard, M., van der Graaf, Y., van Herwerden, L. A., Habbema, J. D., "Decision Analyses for Prophylactic Replacement of the Björk-Shiley Convexo-Concave Heart Valve an Evaluation of Assumptions and Estimates," Center for Clinical Decision Sciences, Department of Public Health, Erasmus University, Rotterdam, The Netherlands, Med Decis Making, 2000, Jan-Mar, 20(1):20-32.  
PMID# 10638533
- Steyerberg, E. W., van der Meulen, J. H., van Herwerden, L. A., Habbema, J. D., "Prophylactic Replacement of Björk-Shiley Convexo-Concave Heart Valves -- An Easy-to-Use Tool to Aid Decision-Making in Individual Patients," Department of Public Health, Erasmus University, Rotterdam, Netherlands, Heart, 1996, Sep, 76(3):264-8.  
PMID# 8868987
- Stuber, T., Kaufmann, U., Kipfer, B., Meier, B., "[Björk-Shiley Heart Valves at the Bern University Hospital. Long-Term Follow-Up of 12 to 23 years After Mitral and Aortic Valve Replacement in 503 Patients." Schweizerische Rundschau Fur Medizin Praxis, 1999, February., 88(9):355-63.  
PMID# 10191683
- Suri, Rakesh M. and. Schaff, Hartzell V., "Selection of Aortic Valve Prostheses: Contemporary Reappraisal of Stephen f Mechanical Versus Biologic Valve Substitutes", Circulation. 2013;128:1372-1380.
- Svennig, Jan L., Abdelnoor, Michel, Nitter-Hauge, Sigurd "Twenty-Five Year Experience with Medtronic-Hall Valve Prosthesis in the Aortic Position: A Follow-Up Cohort Study of 816 Consecutive Patients" Circulation. 2007; 116; 1795-1800.
- Symersky, Petr, MD, "Comparison of Multidetector-Row Computed Tomography to Echocardiography and Fluoroscopy for Evaluation of Patients With Mechanical Prosthetic Valve Obstruction," The American Journal of Cardiology 2009; 104:1128-1134.
- Tanaka, M., Abe, T., Takeuchi, E., Watanabe, T., Tamaki, S., "Intraoperative Echocardiography of a Dislodged Björk-Shiley Mitral Valve Disc," Department of Thoracic Surgery, Nagoya University School of Medicine, Japan, Ann Thorac Surg, 1991, Feb., 51(2): 315-6.  
PMID# 1989555
- Tchetche, Didier MD, Farah, Bruno MD, Misuraca, Leonardo MD, Pierri, Adele MD, Vahdat, Olivier MD, Lereun, Corinne MSE, BA, Dumonteil, Nicolas MD, Modine, Thomas MD, Laskar, Marc MD, Eltchaninoff, Helene MD, Himbert, Dominique MD, Iung, Bernard MD, PHD, Teiger, Emmanuel MD, Chevreul, Karine MD, Lievre, Michel PHD, Lefevre, Thierry MD, Donzeau-Gouge, Patrick MD, Gilard, Martine MD, PHD, Fajadet, Jean MD, "Cerebrovascular Events Post-

- Transcatheter Aortic Valve Replacement in a Large Cohort of Patients, A FRANCE-2 Registry Substudy”, *JACC: Cardiovascular Interventions*, Vol. 7, No. 10, 2014.
- Teoh, K. H., Weisel, R. D., Ivanov, J., Slattery, S. A., “Survival and Valve Failure After Aortic Valve Replacement,” Division of Cardiovascular Surgery, Toronto General Hospital, Ontario, Canada, *Ann Thorac Surg*, 1991, Aug., 52(2):270-5.  
PMID# 1863149
- Tribouilloy, Christophe, Levy, Franck, Rusinaru, Dan, Guéret, Pascal, Petit-Eisenmann, Hélène, Baleynaud, Serge, Jobic, Yannick, Adams, Catherine, Lelong, Bernard, Pasquet, Agnès, Chauvel, Christophe, Metz, Damien, Quéré, Jean-Paul, Monin, Jean-Luc; "Outcome After Aortic Valve Replacement for Low-Flow/Low-Gradient Aortic Stenosis Without Contractile Reserve on Dobutamine Stress Echocardiography": *Journal of the American College of Cardiology* Vol. 53, No. 20, May 19, 2009, 1865-1873.
- Tsai, I-Chen, Lin, Yung-Kai, Chang, Yen, Fu, Yun-Ching, Wang, Chung-Chi, Hsieh, Shih-Rong, Wei, Hao-Ji, Tsai, Hung-Wen, Jan, Sheng-Ling, Wang, Kuo-Yang, Chen, Min-Chi, Chen, Clayton Chi-Chang; "Correctness of Multi-Detector-Row Computed Tomography for Diagnosing Mechanical Prosthetic Heart Valve Disorders Using Operative Findings as a Gold Standard": *Eur Radiol* (2009) 19: 857-867.
- Tuzcu, E. Murat, Kapadia, Samir R. and Svensson, Lars G., “Valve in Valve : Another Milestone for Transcatheter Valve Therapy”, *Circulation*. 2012; 126:2280-2282;
- van der Graaf, Y., Kallewaard, M., Algra, A., “Chronicle of a Defective Heart Valve Prosthesis,” [Article in Dutch], Julius Centrum voor Patientgebonden Onderzoek, TA Utrecht, *Ned Tijdschr Geneesk*, 1998, Jul., 142(29): 1645-8.  
PMID# 9763855
- van der Meulen, J. H., Steyerberg, E. W., van der Graaf, Y., van Herwerden, L. A., Verbaan, C. J., Defauw, J. J., Habbema, J. D., “Age Thresholds for Prophylactic Replacement of Björk-Shiley Convexo-Concave Heart Valves. A Clinical and Economic Evaluation,” Center for Clinical Decision Sciences, Erasmus University, Rotterdam, The Netherlands, *Circulation*, 1993, Jul., 88(1):156-64.  
PMID# 8319328
- van der Graaf, Y., de Waard, F., van Herwerden, L.A., Defauw, J., "Risk of Strut Fracture of Björk-Shiley Valves," Department of Epidemiology, University of Utrecht, Netherlands, *Lancet*, 1992, Feb., 339(8788):257-61.
- van Gorp, M.J., Steyerberg E.W., Kallewaard M., van der Graaf Y. "Clinical Prediction Rule for 30-day Mortality in Björk-Shiley Convexo-Concave Valve Replacement." *J Clin Epidemiol*, 2003 Oct;56(10):1006-12.  
PMID# 14568633 [PubMed - indexed for MEDLINE]
- van Gorp, M.J., Steyerberg, E.W., Van der Graaf Y. "Decisions Guidelines for Prophylactic Replacement of Björk-Shiley Convexo-concave Heart Valves: Impact on Clinical Practice." *Circulation*. 2004 May 4:109(17):2092-6. Epub 2004 Apr 12. Review.

PMID# 150789796 [PubMed - indexed for MEDLINE]

van Gorp, M.J., van der Graaf Y., de Mol B.A., Bakker C.J., Witkamp T.D., Ramos L.M., Mali W.P. "Björk-Shiley Convexoconcave Valves; Susceptibility Artifacts at Brain MR Imaging and Medical Valve Fractures." *Radiology*. 2004 Mar;230(3):709-14. Epub 2004 Jan 22.

PMID# 14739310 [PubMed - indexed for MEDLINE]

van Neer, PL, Bouakaz A, Vlaanderen E, de Hart J, van de Vosse FN, van der Steen AF, de Jong N. "Detecting Broken Struts of a Björk-Shiley heart valve using ultrasound: A feasibility study." *Ultrasound Med Biol*. 2006 Apr;32(4):503-12.

PMID# 16363068 [PubMed - indexed for MEDLINE]

Van Nooten GJ, Caes F, François K, Van Belleghem Y, Bové T, Vandenplas G, Taeymans Y., "Twenty years' single-center experience with mechanical heart valves: a critical review of anticoagulation policy," *J Heart Valve Dis*. 2012 Jan;21(1):88-98.

van Straten, Albert H. M., Safari, Mojyan, Özdemir, H. Ibrahim, Elenbaas, Ted W., Soliman Hamad, Mohamed, A., "Does the Body Mass Index Predict Mortality after Isolated Aortic Valve Replacement?", *The Journal of Heart Valve Disease* 2013;22:608-614.

Vassileva, Christina M., Mishkel, Gregory, McNeely, Christian, Boley, Theresa, Markwell, Stephen, Scaife, Steven and Hazelrigg, Stephen "Long-Term Survival of Patients Undergoing Mitral Valve Repair and Replacement: A Longitudinal Analysis of Medicare Fee-for-Service Beneficiaries", *Circulation*. 2013;127:1870-1876.

Vemulapalli, Sreekanth MD, Patel, Manesh R. MD, "Prosthetic Valve Thrombosis, When and How Should We Lyse?", *JACC: Cardiovascular Imaging*, Vol. 6, No. 2, 2013.

Vlahakes, Gus J. "Mechanical Heart Valves: The Test of Time . . ." *Circulation*, 2007;116:1759 to 1760.

Vrooman, H. A., Maliepaard, C., van der Linden, L. P., Jessurun, E. R., Ludwig, J. W., Plokker, H. W., Schalij, M. J., Weeda, H. W., Laufer, J. L., Huysmans, H. A., Reiber, J. H., "Quantitative Assessment of the Presence of a Single Leg Separation in Björk-Shiley Convexoconcave Prosthetic Heart Valves," Department of Diagnostic Radiology and Nuclear Medicine, Leiden University Hospital, The Netherlands, *Invest Radiol*, 1997, Sep., 32(9):540-9.

PMID# 9291042

Walker, A. M., Funch, D. P., Bianchi, L., Blot, W. J., "Shop Order Fracture Rate as a Risk Factor for Strut Fracture in Björk-Shiley CC 60 Degrees Heart Valves," *Epidemiology Resources, Inc., Newton Lower Falls, MA, USA, J Heart Valve Dis*, 1997, May, 6(3):264-7; discussion 268.

PMID# 7586309

Walker, A. M., Funch, D. P., Sulsky, S. I., Dreyer, N. A., "Patient Factors Associated with Strut Fracture in Björk-Shiley 60 Degrees Convexo-Concave Heart Valves,"

Epidemiology Resources, Inc., Newton Lower Falls, Mass 02162-1450, USA,  
Circulation 1995 Dec 1;92(11):3235-9.  
PMID# 9183725

Walker, A. M., Funch, D. P., Sulsky, S. I., Dreyer, N. A., "Manufacturing Characteristics Associated with Strut Fracture in Björk-Shiley 60 Degrees Convexo-Concave Heart Valves," Epidemiology Resources, Inc., Newton Lower Falls, MA 02162-1450, USA, J Heart Valve Dis, 1995, Nov., 4(6):640-8.  
PMID# 8611980

Walker, D. K., Scotten, L. N., "Discrimination in Vitro Between the Acoustic Emissions From Björk-Shiley Convexo-Concave Valves with and without a Broken Minor Strut," Vivitro Systems, Inc., Cardiac Development Laboratory, Royal Jubilee Hospital, Victoria, British Columbia, Canada, Med Biol Eng Comput, 1991, Sept. 29(5):457-64.  
PMID# 1817206

Watarida, S., Shiraishi, S., Nishi, T., Imura, M., Yamamoto, Y., Hirokawa, R., Fujita, M., "Strut Fracture of Björk-Shiley Convexo-Concave Valve in Japan--Risk of Small Valve Size," Annals of Thoracic and Cardiovascular Surgery, Aug., 2001, 7(4):246-9.  
PMID# 11578268

Wenzel, T. C., Manning, C. R., Chandler, J. G., Williams, D. F., "Welding Metallurgy's Putative Influence on Björk-Shiley Convexo-Concave Valve Outlet Strut Failures," Analysis, Inc., Raleigh, North Carolina, USA, J Heart Valve Dis, 1999, Mar., 8(2): 218-31.  
PMID# 10224583

Wieting, D. W., Eberhardt, A. C., Reul, H., Breznock, E. M., Schreck, S. G., Chandler, J. G., "Strut Fracture Mechanisms of the Björk-Shiley Convexo-Concave Heart Valve," Shiley Heart Valve Research Center, Irvine, California, USA, J Heart Valve Dis, 1999, Mar., 8(2):206-17.  
PMID# 10224582

Williams JW, Coeytaux R., Wang A. Glower DD. "Percutaneous Heart Valve Replacement. Technical Brief No. 2." (Prepared by Duke Evidence-Based Practice Center Under Contract No. 290-02-0025.) Rockville, MD: Agency for Healthcare Research and Quality, August 2010. Available at: [www.effectivehealthcare.ahrq.gov/reports/final.cfm](http://www.effectivehealthcare.ahrq.gov/reports/final.cfm).

Wingerchuck, Dr. Dean, Krecke, Dr. Karl N., and Fulgham, Dr. Jimmy R., "Multifocal Brain MRI Artifacts Secondary to Embolic Metal Fragments," Neurology Journal, Nov., 1997, 49:1451-1453.  
PMID# 9371940

Xiao, K., Appleby, A. J., "Stress Corrosion Cracking in Björk-Shiley Convexo-Concave Prosthetic Heart Valves Due to Random in Vivo Electrochemical Pulsing," Center for Electrochemical Systems and Hydrogen Research, Texas Engineering Experiment Station/Texas A & M University, College Station, USA, Int J Artif Organs, 1996, Aug., 19(8): 477-86.  
PMID# 8841847

Yamaki, F., Nakano, K., Endo, M., Hashimoto, A., Koyanagi, H., “Directions for Reoperation of Patients with Björk-Shiley Convexo-Concave Valve Prosthesis, Based on Long-Term Experience,” [Article in Japanese], Department of Cardiovascular Surgery, Heart Institute Japan, Nippon Kyobu Geka Gakkai Zasshi, 1994, Feb., 42(2):217-21.

PMID# 8138689

Yamamoto, Masanori MDa,, Meguro, Kentaro MDa, Mouillet, Gauthier MDa, Bergoend, Eric MDb, Monin, Jean-Luc MDc, Lim, Pascal MDc, Dubois-Rande, Jean-Luc MDc,d, and Teiger, Emmanuel MD, “Comparison of Effectiveness and Safety of Transcatheter Aortic Valve Implantation in Patients Aged >90 Years Versus <90 Years “, *Am J Cardiol* 2012;110:1156 –1163).

Yoganathan, A. P., Woo, Y. R., Sung, H. W., Jones, M., “Advances in Prosthetic Heart Valves Fluid Mechanics of Aortic Valve Designs,” Cardiovascular Fluid 1 Dynamics Laboratory, School of Chemical Engineering, Georgia Institute of Technology, Atlanta, J Biomater Appl, 1988, Apr., 2(4):579-614.

PMID# 9697058