

BIBLIOGRAPHY OF PUBLISHED ARTICLES ON HEART VALVES

- 1977 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
- 1977 Godwin, R. J., "Cineradiographic Assessment of Björk-Shiley Aortic and Mitral Prosthetic Heart Valves," Clin Radiol, 1977, 28:355-60. PMID# 872501
- 1978 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
- 1979 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
- 1979 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
- 1981 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
- 1981 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
- 1982 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
- 1982 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

- 1983 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
- 1983 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
- 1983 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
- 1983 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
- 1983 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
- 1983 Scotten, L. N., Walker, D. K., Brownlee, R. T., "The Björk-Shiley and Ionescu-Shiley Heart Valve Prostheses. In Vitro Comparison of Their Hydrodynamic Performance in the Mitral Position," Scand J Thorac Cardiovasc Surg, 1983, 17(3):201-9.
PMID# 6648395
- 1983 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
- 1984 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
- 1984 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

- 1984 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
- 1984 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
- 1984 Jaumin, P., Ponlot, R., Schoevaerdt, J. C., Brasseur, L., Chaland, C. H., "Strut Fracture of the Björk-Shiley Aortic Valve," J Thorac Cardiovasc Surg, 1984, 88:787-91.
PMID# 6492846
- 1984 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
- 1984 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
- 1984 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
- 1984 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
- 1985 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
- 1985 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

- 1985 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
- 1985 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
- 1985 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
- 1986 "Decreased Thrombogenicity of Björk-Shiley Convexo-Concave Valve," (1986), To the Editor, The Annals of Thoracic Surgery, 41:346-348, No. 5.
PMID# 3954512
- 1986 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
- 1986 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
- 1986 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
- 1986 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
- 1986 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
- 1986 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
- 1987 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
- 1987 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.
- 1987 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
- 1987 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
- 1987 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
- 1987 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
- 1987 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

- 1987 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
- 1987 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
- 1987 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 Cardiol, 1987, 1:369-372.
- 1988 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
- 1988 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
- 1988 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
- 1988 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

- 1988 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
- 1988 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): 130-7.
PMID# 3281994
- 1988 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
- 1988 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
- 1988 Mehlman, D. J., "A Pictorial and Radiographic Guide for Identification of Prosthetic Heart Valve Devices," Prog Cardiovasc Dis, 1988, 30:441-64.
PMID# 3368577
- 1988 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
- 1988 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
- 1989 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
- 1989 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
- 1989 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
- 1989 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
- 1989 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
- 1989 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
- 1989 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
- 1989 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.

- 1989 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
- 1989 Lindblom, D., Rodriguez, L., Björk, V. O., "Mechanical Failure of the Björk-Shiley Valve. Updated Follow-Up and Considerations on Prophylactic Replacement," Department of Thoracic Surgery, Karolinska Hospital, Stockholm, Sweden, J Thorac Cardiovasc Surg, 1989, Jan., 97(1):95-7. PMID# 2911201
- 1989 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
- 1989 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
- 1990 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
- 1990 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
- 1990 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
- 1991 Bloomfield, P., Wheatley, D. J., Prescott, R. J., Miller, H. C., "Twelve-Year Comparison of a Björk-Shiley Mechanical Heart Valve with Porcine Bioprotheses," N Engl J Med, 1991, 324:573-79. PMID# 1992318
- 1991 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
- 1991 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
- 1991 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
- 1991 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 für Kardiologie und Angiologie, Berufsgenossenschaftliche Krankenanstalten Bergmannsheil Bochum, Universitätsklinik, Z Kardiol, 1991, Aug., 80(8): 537-40.
PMID# 1950077
- 1991 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
- 1991 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
- 1991 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
- 1992 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
- 1992 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
- 1992 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
- 1992 Graaf, Yvd, et al., "Risk of Strut Fracture of Björk-Shiley Valves," The Lancet, 1992, 339(8788):257.
PMID# 1013360
- 1992 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
- 1992 van der Graff, 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.
PMID# 1346279
- 1993 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
- 1993 Fielder, J. H., "Getting the Bad News About Your Artificial Heart Valve," The Hastings Center Report, 1993, 23(2):22.
PMID# 8463086
- 1993 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
- 1993 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
- 1993 Lancaster, J., Metallurgy of Welding, 1993, 12:81.
- 1993 Montorsi, P., Repossini, A., Bartorelli, A. L., "Cinefluoroscopic Identification of Björk-Shiley Prosthetic Heart Valves," Instituto di Cardiologia, Università di Milano, Fondazione I. Monzino, Italy, Eur Heart J, 1993, Nov., 14(11):1514-8.
PMID# 8299634
- 1993 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
- 1993 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
- 1994 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
- 1994 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.
- 1994 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
- 1994 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

- 1994 Hedger, P., "Single-Leg Separations in Explanted Björk-Shiley Convexo-Concave Heart Valves," Lancet, 1994, 343:294-5.
PMID# 7905199
- 1994 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
- 1994 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
- 1994 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
- 1994 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
- 1995 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
- 1995 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
- 1995 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
- 1995 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
- 1995 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
- 1995 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.
PMID# 8550803
- 1995 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
- 1995 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
- 1995 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
- 1995 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

- 1995 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
- 1995 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
- 1995 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
- 1995 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
- 1995 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
- 1995 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
- 1996 Sivertssen, E., "The Failing Heart Valve. History of the Björk-Shiley Convex-Concave Heart Valve," [Article in Norwegian], Avdeling for hjertesykdommer Medisinsk klinikk Ullevål sykehus, Oslo, Tidsskr Nor Laegeforen, 1996, Sep., 20;116(22):2666-8.
PMID# 8928144
- 1996 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

- 1996 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
- 1996 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
- 1996 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
- 1996 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
- 1996 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
- 1996 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
- 1996 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
- 1997 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# 9151041
- 1997 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
- 1997 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
- 1997 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
- 1997 Vrooman, H. A., Maliepaard, C., van der Linden, L. P., Jessurun, E. R., Ludwig, J. W., Plokker, H. W., Schalijs, 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
- 1997 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
- 1997 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
- 1998 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
- 1998 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
- 1998 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
- 1998 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
- 1998 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
- 1998 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
- 1999 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
- 1999 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
- 1999 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
- 1999 King, R., “Medical Journals Rarely Disclose Researchers’ Ties, Wall Street Journal, Feb., 2, 1999. Abstract Not Available
- 1999 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
- 1999 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
- 1999 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
- 1999 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
- 2000 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

- 2000 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
- 2001 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
- 2001 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
- 2001 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
- 2001 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
- 2001 Omar, R. Z., Morton, L. S., Halliday, D. A., Dannels, 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
- 2001 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

- 2001 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
- 2002 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]
- 2003 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]
- 2003 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]
- 2003 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]
- 2003 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]
- 2004 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]
- 2004 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]

- 2004 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]
- 2004 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]
- 2004 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]
- 2005 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]
- 2005 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]
- 2006 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]
- 2007 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.¹
- 2007 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

¹ This document is available on the World Wide Website of the American College of Cardiology, www.acc.org and the American Heart Association, myamericanheart.org

- 2007 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
- 2007 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
- 2007 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.
PMID# 17846320
- 2007 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.
PMID# 17893279
- 2007 Vlahakes, Gus J. "Mechanical Heart Valves: The Test of Time . . ." Circulation, 2007;116:1759 to 1760.
PMID# 17938299
- 2008 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

- 2008 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
- 2008 Eitz, Thomas, Schenk, Soren, Fritzsche, Dirk, Bairaktaris, Andreas, Wagner, Otto, Koertke, Heinrich, and Koefler, 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
- 2008 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
- 2008 Kent, David M., David E. Thaler, "Stroke Prevention -- Insights from Incoherence", The New England Journal of Medicine, Volume 359: 1287-1289, September 18, 2008.
PMID# 18753641
- 2008 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
- 2008 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
- 2008 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# 18702976

- 2008 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
- 2008 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
- 2008 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.
PMID# 18480197
- 2008 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
- 2008 Schoen, Frederick J., "Evolving Concepts of Cardiac Valve Dynamics, The Continuum of Development, Functional Structure, Pathobiology, and Tissue Engineering," Circulation. 2008; 118:1864-1880.
- 2009 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
- 2009 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
- 2009 Schoen, Frederick J., MD, PhD; "Evolving Concept of Cardiac Valve Dynamics, The Continuum of Development, Functional Sturcture, Pathobiology and Tissue Engineering" Circulation, 2008; 118:1864-1880.

- 2009 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.
- 2009 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.
- 2010 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.
- 2010 Eikelboom, John W. and Weitz, Jeffrey I., "Update on Antithrombotic Therapy, New Anticoagulants," *Circulation*.2010; 121:1523-1532
- 2010 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.
- 2010 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.
- 2010 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 45th anniversary of the first valve implantation 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]

- 2010 Kvitting JP, Dyverfeldt P, Sigfridsson A., Franzen S, Wigström L., Bolger AF, Ebberts 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]
- 2010 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.
- 2010 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.
- 2010 Prendergast, Bernard D., DM, FRCP; Tornos, Pilar, MD, FESC, “Surgery for Infective Endocarditis, Who and When?,” Circulation 2010; 121:1141-1152.
- 2010 Rahimtoola, Shahudin, H., MBm, FRCP, DSc (Hon), “Choice of Prosthetic Heart Valve in Adults,” J Am Coll Cardiol 2010; 55:2413-26
- 2010 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: 121:208-213
- 2010 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.
- 2010 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.

- 2011 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.
- 2011 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.
- 2011 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
- 2012 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
- 2012 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.
- 2012 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.
- 2012 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.
- 2012 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.
- 2012 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.
- 2012 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.)
- 2012 Tuzcu, E. Murat, Kapadia, Samir R. and Svensson, Lars G., “Valve in Valve : Another Milestone for Transcatheter Valve Therapy”, *Circulation*. 2012; 126:2280-2282;
- 2012 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).

- 2013 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.
- 2013 Buja, Paolo, MD, PhDa,, Napodano, Massimo MDa,†, Tamburino,Corrado MD, PhDb, Petronio, Anna Sonia, MDc, Etti, 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, Antonucci, 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.
- 2013 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.
- 2013 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.
- 2013 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.
- 2013 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., MD, “The Björk-Shiley Convexo-Concave Heart Valve Experience from the Perspective of the Supervisory Panel” *Am J Cardiol* 2013;112:1921e1931.
- 2013 Hoen, Bruno, M.D., Ph.D., and Duval, Xavier, M.D., Ph.D., “Infective Endocarditis”, *N Engl J Med* 2013;368:1425-33.
- 2013 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.
- 2013 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.
- 2013 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*.
- 2013 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.

- 2013 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.
- 2013 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.
- 2013 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.
- 2013 Vemulapalli, Sreekanth MD, Patel, Manesh R. MD, “Prosthetic Valve Thrombosis, When and How Should We Lyse?”, *JACC: Cardiovascular Imaging*, Vol. 6, No. 2, 2013.
- 2013 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., MBBCh, PhD, Chukwuemeka, Andrew, MBBS, MD, Blackman, Daniel J. , MBChB, MD, Moat, Neil, MBBS, Ludman, Peter F., MBBChir, MD, Francis, Darrel P., MBBChir, 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.
- 2014 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).
- 2014 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.
- 2014 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.

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

2014 Tchetché, 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.