



REFERENCES

REFERENCES

- Angel WW, angell JD, Woodruff A, Sywak A, Kosek JC.** The tissue valve as a superior cardiac valve replacement. Surg. 1977; 82: 875.
- Angel WW, Shumway NE, Kosek JC:** A five year study of variable homografts. J Thorac Cardiovasc Surg 64: 329, 1972.
- Angell WW, Shummay NE. Valve replacement:** Present status of homograft valves. Progress in cardiovascular diseases. 1973; 15: 589.
- Aris A, Crexelles C, Ange JM, Oriol A, Caralps JM.** Hemodynamic evaluation of the integral monostrut Bjork prosthesis in aortic position. Ann Thorac Surg. 1985; 40: 234.
- Baily CP:** Surgical treatment of mitral stenosis. Dis Chest 15: 377-97, 1949.
- Beall AC, Morris GC, Noon GP.** An improved mitral prostheses. Ann Thorac Surg. 1973; 15: 25.

- Bincheck LI, Starr A.** Ball valve prostheses: current appraisal of late results. *Am J Cardio.* 1975; 35: 843.
- Bissell DM.** Formation and elimination of bilirubin. *Gastroenterology.* 1975; 69: 519.
- Bjork VO:** A new tilting disc valve prosthesis. *Scand J Thorac Surg* 31: 1969.
- Bjork VO:** The improved Bjork-Shiley tilting disc valve prosthesis. *Scand J Thorac Cardiovasc Surg* 12: 81, 1978.
- Björk VO.** A new Tilting disc valve disc valve prosthesis. *Scandinavian Journal of Thoracic and cardiovascular Surgery.* 1969; 3:1.
- Björk VO.** the pyrolytic carbon occluder for Björk-Shiley tilting disc valve prostheses. *Scan J Thorac Cardiovasc Surg.* 1972; 6: 109.
- Braunwald NS, Tatroles C, Turira M, Dtmer D.** New developments in the design of fabric covered prosthetic heart valves. *J Thorac Cardiovasc Surg.* 1971; 62: 673.
- Brawley RK, Donahoo JS, Gott VL.** Current status of the Beall, Björk-Shiley, Braunwald-Cutter, Lillehei-kaster and

Smel of-Cutter cardiac valve prostheses. Am J Cardiol. 1975; 35:855.

Bull BS, Fuchs AZ, Braunwald NS. Mechanism of formation of tissue layers on the fabric lattice covering intravascular prosthetic devices. Surg. 1969; 65: 640.

Carpentier A, Blondeau P, Laurens B: Mitral valve replacement with frame mounted aortic heterografts. J Thorac Cardiovasc Surg 56: 388, 1968.

Carpentier A, Dubost C, Lave E, Nashef A, Carpentier S, Relland J, Deloche A, Fabiani J, Chauvand S, Perier P, Mazwel S. Continuing improvements on valvular bioprostheses. J Thorac Cardiovasc Surg. 1982; 83: 27.

Carpentier A, Neloche A, Relland J. Six Year follow-up of gluteraldehyde preserved heterograft: with particular reference to the treatment of congenital valve malformations. j Thorac Cardiovasc Surg. 1974; 68: 771.

Cartwright RS, Giacobine JW, Ratan RS, Ford WB, polich WF. Combined aortic and mitral valve replacement. J Thorac Cardiovasc Surg. 1963; 45: 35.

Chandran KB. Pulsatile flow past St. Jude medical bileaflet valve: an in vitro study. J Thorac Cardiovasc Surg. 1985; 89: 743.

Cohn LH, Koster JK, Mee RBB, Collins J. Long term follow up of the hancock bioprosthetic heart valves, as six year review. Circulation. 1979; 60 (Suppl. I): 87.

Cohn LH, Mudge GH, Gasper J, Barry WH, Collins J. Am Thorac Sur. 1983; 35: 359.

Cohn LH. Discussion of Buch WS, et al. Archieves of Surgery. 1975; 100: 1408.

Cooley DA, Okies JE, Wukasch DC, Sandiford FM, Haliman GL. Ten Year experience with cardiac valve replacement: results with a new mitral prostheses. Annals of Surgery. 1973; 177: 818.

Cooper RA, Shattil SJ. Mechanisms of hemolysis-the minimal red cell defect. New Engl. J. Med. 1971; 285: 1514.

Cosgrove DM, Lytle BW, Gill CC, Golding LAR, Stweart RW, Loop FD, William GW. In vivo hemodynamic comparison of porcine and bovine pericardial valves. J Thorac Cardiovasc Surg. 1985; 89: 358.

Crexells C, Aerichide N, Bonny Y, Lepage G, Campeau L.
Factors influencing hemolysis in valve prosthesis.
Circulation. 1972; August. Vol. 84, No. 2. PP. 161-170.

Dale J, Myhre E. Mechanical fragility of erythrocytes in normals
and patients with heart valve prostheses. acta Med Scan.
1971; Vol. 190, PP. 127-131.

Darey TB, Kaufman B, Smeloff EA. Design and testing of
prosthetic heart valves. In advanced cardiovascular
Physics. Vol 5 (part IV), Karger, Basel. 1983; PP. 1-15.

David H, Tsung O, Benjamin L. Hemolytic anemia and acute
mitral regurgitation caused by a torn cusp of a porcine
mitral prosthetic valve 7 years after its implantation. Am
Heart J Feb. 1987, Vol, 113, Nov 2, Part 1: 404-6.

**De Wall R, Pelletier LC, panebianco A, Hicks G, Schuster B,
Bonan R, Martineau JP, Vipl.** Five-year clinical
experience with the Omniscience cardiac valve. Ann
Thorac Surg. 1984; 28: 275.

Emery RW, Mettler E, Nicolof DM: A new cardiac prosthesis.
The St. Jude Medical Cardiac Valve. Circulation
60(suppl2): 48-54, 1979.

Erik Myhre, Jon Dale, and Knut Rasmussen, Quantitative aspects of hemolysis in aortic valvular disease and Ball valve prosthesis. *Acta Med Scan.* 1971; Vol. 189, PP. 101-104.

Eyster E Traumatic hemolysis with hemoglobinuria due to ball variance. *Blood.* 1969 Mar; 33(3): 391-5.

Fananapazir L, Clarke DB, Dark JF, Lawson Ram, Mousselli H. Results of valve replacement with the Omniscience prosthesis. *J Thorac Cardiovasc Surg.* 1983; 86: 621.

Ferriere M, Saussine M, Delpech S, Dinal D, Negree G, Coulon P, Blenchet P, Latour H. Hemolysis in patients with heart valve prostheses. Comparisons between Björk-Shiley and Saint-Jude medical valves. *Arch Mal Coeur.* 1985; Aug; 78(8): 1243-8.

Fleisch A, Fleisch H, Schweiz. *Med Wschr.* 1960; 8: 186.

Gabby S, Bortolotti U, Wassermann F, Factor S, Strom J, Frater RW. Fatigue-induced failure of Ionescu pericardial xenograft in the mitral position. In-vivo and in-vitro correlation and a proposed calcification. *J Thorac Cardiovasc Surg.* 1984; 87: 836.

Gibbon JHJR: Application of mechanical heart and lung apparatus to cardiac surgery. Minn Med 37: 171-85, 1954.

Greenberg J. Panel discussion of Cloth-Covered prosthetic valves. J Thorac Cardiovasc Surg. 1970; 59: 107.

Halsey WD. Merit students encyclopedia dictionary. McMillan educational corporation, New York, 1977.

Harken DE Soroff HS, Taylor WG: Partial and complete prosthesis in aortic insufficiency. J Thorac Cardiovasc Surg 40: 744, 1960.

Harken DE, Soroff HS, Taylor WJ, et al.: Partial and complete prosthesis in aortic insufficiency. J Throac Cardiovasc Surg 40: 744, 1960.

Herr R, Starr A, McCard CW, Wood JA. Special problems following valve replacement: Embolus, lead, infection, red cell damage. Ann Thorac Surg, 1865; 1: 403.

Hillman RS, Henderson PA. J Clin Invest. 1969; 48: 454.

Horseley HT, Rappoport WJ, Vigoda PS, Vogel JHK. Fatal malformation of Edwards low-profile mitral valve. Circulation. 1969; 39-40: 109.

- Horstkotte D, Aul C, Seipel L, Körfer R, Budde T, Schulte HD, Birck W, Loogen F.** Effect of valve type and valve function on chronic intravascular hemolysis after alloprosthetic mitral and aortic valve replacement. *Z Kardiol.* 1983, Feb; 72(2) 119-31.
- Hufnagel CA, Harvey WP,:** The surgical correction of aortic regurgitation. Preliminary report, *Bull Georgetown Med Ctr* 6: 60, 1953.
- Hufnagel CA, Harvey WP.** The surgical correction of aortic insufficiency. *Bull Georgetown. U MED cENT.* 1953; 6: 60. In Lefrac and Starr (55) P. 19.
- Indegha RA, Shea MA, Varco RL, et al.** Erythrocyte destruction by prosthetic heart valves. *Circulation.* 1968; 37(Suppl. II): 11-86.
- International Committee For Standardization In Hematology (1971).** Recommended methods for radioisotope red cell survival studies. *Brit J Hemat.* 21: 241.
- Ionescu MI, Tanden AP, Mary DAS, A.** Heart valve replacement with Ionescu-Shiley pericardial xenograft. *J Thorac Cardiovasc Surg.* 1977; 73: 31.

- Isom CW, Culliford A, Colvin S:** Porcine valves. *Circulation* 62 (suppl 3): 156, 1980.
- Isomura T, Hisatomi K, Hiran A, Kosuga K 1994** The st. Jude medical prosthesis in the mitral position. *Eur. J. Cardiothoracic Surgery* vol. 8(1), P: 11-4.
- Javid J.** Human serum haptoglobin. A brief review. *Sem Hemat.* 1967. 4: 35.
- John T, Jairus D, John Batsakis, Marvin M.** Hemolysis in patients with the Cloth-Covered aortic valve prosthesis. *The American J of Cardiol.* Oct. 1974; Vol. 34: 533-37.
- John V Dacie, S M Lewis.** Hemoglobin estimation. *Practical hematology*, Sixth Edition. 1985, PP. 27.
- John V Dacie, S M Lewis.** Measurement of hematocrit. Sixth Edition, 1985, PP. 32.
- John V Dacie, S M Lewis.** Osmotic Fragility test. *Practical hematology*. Sixth edition. 1985, PP. 152-153.
- Kay JH, Kawas Shima Y, Kagawa Y, Tsuji HK, Redington JV.** Experimental mitral valve replacement with a new disc valve. *Ann Torac Surg.* 1966; 2: 485.

- Keith A, Paul E, Gordon A, Jack G.** Late thrombotic occlusion of a Björk-Shiley valve producing hemolysis without hemodynamic compromise. *Am Heart J.* 1981; Jan 101(1): 112.
- Knott E, Reul H, Knotch M, et al.:** In vitro comparison of aortic heart valve prostheses part I: mechanical valves. *J Thorac Cardiovasc Surg.* 96: 952, 1988.
- Knut Rasmussen, Andress Andersen, Erik Myhre and Leif Hillestad.** Hemolysis during acute exercise in patients with aortic Ball valve prostheses. *Acta Med Scan.* 1970; vol. 188, PP. 281-286.
- Lefemine AA, Miller M, Pinder GC.** Chronic hemolysis produced by cloth-covered valves. The effect of design and valve position. *J Thorac Cardiovasc Surg.* 1974; Jan; 67(6): 857-62.
- Lefrac E, Starr A.** Cardiac valve prostheses. Applentan-Contury-Crofts, New York, 1979.
- Lizana J, Holling K.** Serum Haptoglobin assay. *Clin Chem.* 1972; 18:335.

Magilligan DZ and Alam M. hemolytic anemia with porcine xenograft aortic and mitral valves. J Thorac Cardiovasc Surg. 1980; 79: 628-631.

Magovern GJ, Cromie HW. Sutureless prosthetic heart valve. J Thorac Cardiovasc Surg. 1963; 46: 726.

Mcclung JA, Stein JH, Amrose JA, Herman MV, Reed GE: Prosthetic heart valves: a review Prog Cardiovasc Dis 26: 237-70, 1983.

McQueen MD, Peskin CS. Computer assisted design of pivoting disc prosthetic mitral valves. J Thorac Cardiovasc Surg. 1983; 86: 126.

Mehlman DJ: A guide to the radiographic identification of prosthetic heart valves. Circulation 69: 102-5, 1984.

Mestres CA, Soo C S, Adebo O.A 1992 Cardiothoracic Surg, Vol.: 6(2), P: 103-5.

Miller DC, Oyer PE, Stinson EB, Reitz BA, Jameison SW, Braunmgartner WA, mitchall RS, Shumuat NE. Ten to fifteen year assessment of the performance characteristics of Starr-Edwards model 6210 mitral valve prosthesis. J Thorac Cardiovasc Surg. 1983; 85: 1.

- Mint GS, Carlson EB, Kotler MV.** Comparison of non-invasive techniques in evaluation of the cardiac valve prostheses. *Am J Cardiol.* 1982; 49: 39.
- Morischita Y, Arikawa K, Yamashita M, Yuda T, Shimokawa S, Saigenji H, Hashiguchi M, Taira A.** Fatal hemolysis due to unidentified causes following mitral valve replacement with bileaflet tilting disc valve prosthesis. *Heart Vessels.* 1987; (2): 100-3.
- Muller Eberhard U. Hemopexin.** *New Engl J Med.* 1970; 283: 1090.
- Murray G:** Homologous aortic valve segment transplants for aortic and mitral insufficiency. *Angiology* 7: 466, 1956.
- Myhre E, Dale J, Rasmussen K.** Erythrocyte destruction in different types of Starr-Edwards aortic ball valves. *Circulation.* 1970; Sep; 42(3): 515-20.
- Myhre E, Rasmussen K, Anderson A.** Serum lactic dehydrogenase activity in patients with prosthetic heart valves: a parameter of intravascular hemolysis. *Vol. 80, No. 4, PP. 463-468 Oct, 1970.*

Neef H, Fischer U, Panzner R, Schober KL. Blood traumatization after heart valve replacement (Author's transl). Zentrable Chir. 1977; 102 (1): 14-23.

Nitter-Hange S, Semb B, Abdelnoor M, Hall KV. A 5-year experience with the Medtronic-Hall disc valve prosthesis. Circulation. 1983; 68 (Suppl II), 11-169.

Nitter-Hange. Hemolysis after mitral valve replacement with Björk-Shiley and Lellihei-Kaster disc valve prosthese. Br Heart J. 1976; 38: 977.

Nitter-Hauge S, Sommer Felt SC Hall K V Chronic intravascular hemolysis after aortic valve replacement: Comparative study between Lellihei-Kaster and Björk-Shiley disc valve prostheses. Br Heart J. 1974; 36: 781.

Okada M, Tsukube T, Matsuda H. 1993 Evaluation of various mechanical heart valves in the mitral & Aortic positions. Kobe J. Med. Sci. 1993 Jun, Vol: 39(3) P: 81-93.

Oleseon KH, Anderseon JD, Rugg I. Hemolysis and hyposiderinamia in patients with Lillehei-Kaster prosthetic heart valves: a long term follow-up. Life Support Syst. 1983 Oct; 1(4): 247-53.

- Pierach CA, Baur HR.** Hemolysis after heart valve replacement (Another trans). *Wien Klin Wochenschr.* 1975; Feb 7; 87(3): 81-3.
- Pimstone NR.** Renal degradation of hemoglobin. *Sem Hemat.* 1972. 9: 31.
- Pyrofsky B, Sutherland DW, Starr A, Griswold HE.** Hemolytic anemia complicating aortic valve surgery. *N Engl J Med.* 1965; 272: 235.
- Rao KMS, Learyod PA, Rao RS, Rajah SM, Watson DA.** Chronic hemolysis after Lillehei-Kaster valve replacement: comparison with the findings after Björk-Shiley and Starr-Edwards mitral valve replacement. *Thorac.* 1980; Apr; 35(4): 290-3.
- Reynolds RD, Coltman CA, Jr, Baller BW.** *Ann Intern Med.* 1967; 66: 659.
- Robert WC** Choosing a suitable cardiac valve: type, size surgeon. *Am J Cardiol.* 1976; 38: 633.
- Robert WC.** Complications of cardiac valve replacement: Characteristic abnormalities of prostheses pertaining to any or specific site. *Am Heart J.* 1982; 103: 133.

Rodgers BW, Sabiston DC. Circulation. 1969; 39 (Suppl. I): 155.

Ross DN. Replacement of the aortic and mitral valve with a pulmonary autograft. Lancet. 1976; 2: 956.

Sallam IA, Show A, Bain WH. Experimental evaluation of mechanical hemolysis with Starr-Edwards, Kay-Shiley and Björk-Sheiley valves. Scan J Thorac Cardiovasc Surg. 1976; 10(2): 117-22.

Sallam IA, Slater SD, Bain WH, Turner MA, Lawride TDV. Hemolysis with Björk-Shiley and Starr-Edwards prosthetic heart valves: a comparative study. Thorax. 1974; Nov; 29 (6): 624-32.

Salo A, Schoevaeddts J, Jammin P, Pantot R, Chelant C. Review of 387 isolated mitral valve replacement by the model 6120 Starr-Edwards prosthesis. J Thorac Cardiovasc Surg. 1982; 84: 744.

Schottenfeld M, Wisheart JD, Ross JK, Lincoln JCR, and Ross DN. Cloth destruction and hemolysis with totally cloth-covered Starr-Edwards prostheses. Thorax. 1971; 26: 159.

Scotten LN, Racca RG, Nugent AH, Walker DK, Brownlee RT. New tilting disc cardiac valve prostheses: In vitro

comparison of their hydrodynamic performance in the mitral position. J Thorac Cardiovasc Surg. 1981; 82: 136.

Sezai Y, Umeda S, Okazaki T, Okemoto I, Rikukawa H, Shiono M. Hemodynamic and hemolytic features of the st. Jude Medical valve prostheses. J Cardiol Surg. (Torino). 1984; Jan-Feb 25(9): 16-24.

Shioi K, Nagata Y, Katah S, April 1993 Evaluation of intravascular hemolysis by haptoglobin administration after prosthetic valve replacement. Circ J. Vol.: 57(4) P: 322-7.

Skoularigis J, Essop MR, Sareli P. 1993, Am. J. Cardiol Vol; 71(7), P: 587-91.

Starr A, Edwards ML: Mitral replacement: clinical experience with a ball valve prosthesis. Ann Surg 154: 726, 1961.

Starr A, Herr R, Wood JA, Mitral replacement: a review of six years experience. J Thorac Cardiovas Surg. 1967; 54: 333.

Steven S Khan, Lawrence SC Czer: Follow up after valve replacement (ed) The late phase follow up, 1988.

- Stohlman F, Sarnoff SJ, Case RB, Ness AT.** Hemolytic syndrome following the insertion of a lucite ball valve prosthesis into the cardiovascular system. *Circulation*. 1956; 13: 586.
- T'oszegi A, Boti Z, Kov'acs G.** Renal siderosis in cardiac hemolysis. *Magyar Igazságügyi Orv Sz.* 1981 Jul; 21(3): 224-32.
- Tarascuk NP, Barbarash LS.** Effect of heart valve prostheses on hemolytic processes in patients with acquired heart diseases. *Kardiologiya*. 1985 Jul; 25(7): 28-31.
- Todd D.** Diagnosis of hemolytic states. *Clin. Hemat.* 1975; 4: 63.
- Uglov FO, Gubachev IUM, Davydenko VV, Orlovski PI, Gritsenko VV.** Hemolysis indicators in the evaluation of the function of artificial heart valves after heart valve prosthesis. *Vestn Khir.* 1987; Oct; 139(10): 10-4.
- Usher FC.** Use of hyophilized homografts of dura mater in the repair of inguinal hernias. *Ann Surg.* 1957; 23: 281.
- Wain WH, Drury PJ, Ross DN.** Aortic valve replacement with Starr-Edwards valves over 14 years. *Ann Thorac Surg.* 1982; 33: 562.

Wallace HW, Kenepp DL, Blakemore WS. Quantitation of red blood cell destruction associated with valvular disease and prosthetic valves. *J Thorac Cardiovasc Surg.* 1970; Dec; 60(6); 842-52.

Walsh JR, Starr A, Ritzmann LW. *Circulation* 1969 suppl 1: 135.

Warners CA, McIntosh CL, Roberts WC. Wear of the metallic studs on the composite seat of the 2320 Starr-Edwards aortic valve and its clinical consequences. *Am J Cardiol.* 1983; 52: 1062.

Weesner KM, Rocchini AP, Rosenthal A, Behrendt D. Intravascular hemolysis associated with porcine mitral valve calcification in children. *Am J Cardiol.* 1981 June; 47(6): 1286-8.

Westhay S, Karp RB, Blackstone EH, Bishop SF. Adults Human valve dimensions and their surgical significance. *Am J Cardiol.* 1984; 53: 552.

William J William, Ernest Beutler, Allan J, Erslev Marchall A, Lichtman. Blood, marrow and urine iron stains. *Hematology.* Third Edition. 1983, A3, PP. 1603-1604.

William J William, Ernest Beutler, Allan J, Erslev Marchall A, Lichtman. Schistocytes. Hematology. Third Edition, 1983. PP. 620, 273-274, 1601-1602.

William J Williams, Ernest Beytler Alln J, Erslav, Marashall A Lichtman. Treticulocyte statining and counting. Hematology. third edition, 1983. PP. 1604-1605.

Williams JC, Vernon, CR, Daicoff GR. Hemolysis following mitral valve replacement with the Beall valve prostheses. J Thorac Cardiovasc Surg. 1971; 61: 393.

Yacoub MH, Rogers K, and Taylor PC. Red cell surgival in patients with aortic valve disease. Torax. 1965; 20: 367.

Young DS, Pestanger LC, Gibberman V. Serum LDH assay. Clin Chem. 1975; 21: 10.