

SIMON HENRY STERTZER, M.D., F.A.C.C., F.A.C.P., F.A.H.A.

CURRICULUM VITAE

UNDERGRADUATE EDUCATION:

Union College, Schenectady, NY (A.B.) Graduated Phi Beta Kappa	1953 -1957
University of Paris (Sorbonne) <i>Certificat De Physiologie Cardiovasculaire</i>	1955 -1956

POSTGRADUATE EDUCATION:

New York University School of Medicine, New York, NY (M.D.) Graduated Alpha Omega Alpha	1957-1961
Internship-University of California Hospitals San Francisco, CA	1961-1962
Residency-Assistant Resident in Medicine New York University (III & IV)	1962-1964
Residency-Chief Medical Resident New York University (III & IV) Division of Bellevue Hospital, NY, NY	1964-1965
Fellowship-New York University Hospital Cardiovascular Disease	1965-1967

ACADEMIC & HOSPITAL APPOINTMENTS:

Attending Physician Bellevue Hospital	1965-1983
Attending Cardiologist Instructor in Medicine New York University School of Medicine	1965-1983
New York University Department of Medicine Full-Time Faculty Assistant Director Cardiac Catheterization Laboratory	1967-1969
New York University, Institute of Physical Medicine and Rehabilitation: Attending Cardiologist	1969-1970
Attending Cardiologist Lenox Hill Hospital, NY, NY	1969-1983
Chief, Hemodynamics Laboratory Lenox Hill Hospital, NY, NY	1971-1983
Associate Clinical Professor of Medicine New York Medical College	1976-1983

Director, Interventional Cardiology Lenox Hill Hospital, NY, NY	1978-1983
Director, Medical Research, San Francisco Heart Institute, Seton Medical Center, Daly City, CA	1983-1994
Director, Interventional Cardiology, San Francisco Heart Institute, Seton Medical Center, Daly City, CA	1992-1994
Director, Cardiac Catheterization Laboratory, Seton Medical Center, Daly City, CA	1983-1994
Associate Clinical Professor of Medicine University of California, San Francisco, CA	1983-1994

STANFORD UNIVERSITY SCHOOL OF MEDICINE

Director, Experimental Angioplasty Stanford University Medical Center, Stanford, CA	1994-1999
Clinical Professor of Medicine, Stanford University School of Medicine, Stanford, CA	1994-1997
Associate Director, International Medical Services, Stanford University Medical Center, Stanford, CA	1994-1997
Acting Professor of Medicine, Stanford University School of Medicine, Stanford, CA	3/1/97-6/1/98
Professor of Medicine Stanford University School of Medicine, Stanford, CA	6/1/98-2011
Professor of Medicine, Emeritus Stanford University School of Medicine	2011-Present

INTERNATIONAL APPOINTMENTS AND AWARDS

Staff Cardiologist Centre Hospitalier Regional de Toulouse, Toulouse France	1984 - 1985
Attending Interventional Cardiologist, American Hospital, Paris, France	1987 - 2000
Doctor Honoris Causa Instituto Universitario de Ciencias de la Salud, Buenos Aires, Argentina	1999
Professor Honorario Universidad del Salvador, Buenos Aires, Argentina	2001

PAST MEDICAL LICENSES:

New York State	#88034	1962
New Jersey State	#34225	1977
Arizona	#10326	1978
Hauts-de-Seine, l'Hôpital Américan	NOR:ASEP8701586A	1987
Colorado	#33130	1993
New Mexico	#2000-113	2000

ACTIVE MEDICAL LICENSES:

California State	#G35818	1977
Wyoming	#9926A	2014

BOARD CERTIFICATIONS:

National Board of Medical Examiners	1962
American Board of Internal Medicine	1968
American Board of Internal Medicine Cardiovascular Disease	1974

FELLOWSHIPS:

Fellow, American College of Cardiology	1975
Fellow, American College of Physicians	1972
Fellow, American Council of Clinical Cardiology, American Heart Association	1975
Fellow, Society of Cardiac Angiography	1983

HONORS:

New York University Founders Day Award	1961
Knight of the Knights of Malta	1974
Knight Commander of the Knights of Malta	1983
Guest Professor, Emory University School of Medicine, Department of Medicine	1983
Elected Member of the Sociedad Argentina de Cardiología	1990
Title of "Dato", conferred by the King of Malaysia	1994
Guest Faculty, Cardiology Department, Hospital General Universitario Gregorio Marañón, Madrid, Spain	1995
Honorary Professor Insituto Nacional de Cardiología, Ignacio Chavez, Mexico City, Mexico	1996

Commemoration of the 20 th Anniversary of the First Angioplasty performed in the United States and in recognition of two decades of outstanding leadership in research, teaching, and patient care. Presented by Stanford University Medical Center.	1998
“Doctor Honoris Causa” Conferred by University Institute of Health Sciences of the H. A. Barcelo Foundation, Buenos Aires, Argentina.	1999
“Profesor Honorario” Conferred by the Universidad del Salvador, Buenos Aires, Republica Argentina.	2001
“Miembro Titula Honorario” Conferred by Colegio Argentino De Cardioangiologos Intervencionistas, Buenos Aires, Republica Argentina.	2003
Created Simon H. Stertzler, M.D. Professorship of Cardiovascular Medicine and Radiology oppupied by the director of the Stanford Cardiovascular Institute	2016

MILITARY HISTORY:

Commissioned, Captain USAFR	1968
Commander, 429 th MSFIt ADC	
Honorable Discharge, Major USAFR	1976

SCIENTIFIC – INDUSTRIAL:

Founder: Arterial Vascular Engineering	1990
Founder: Quanam Medical Inc.	1994
Founder: BioCardia Inc.	1999
Founder: Care Dx Inc.	1999
Current Board Status:	
Chairman of the Board, BioCardia, Inc. San Carlos, CA	2002-

JOURNAL ARTICLES (Peer Reviewed)

1. Dumont AE, Stertzler SH, Mulholland J: Experimental Biliary Obstructions: Effects of Thorotrast on Lymph and Serum Bilirubin Levels. Am J Physiol 202:4, 1962.
2. Spencer FC, Reppert EH, Stertzler SH: Surgical Treatment of Mitral Insufficiency Secondary to Coronary Artery Disease. Arch Surg 95:858-861, 1967.

3. Green GE, Stertzer SH, Reppert EH: Coronary Arterial Bypass Grafts. *Ann Thor Surg* 5:443-450, 1968.
4. Green GE, Stertzer SH, Gordon RB, Tice DA: Anastomosis of the Internal Mammary Artery to the Distal Left Anterior Descending Coronary Artery. *Circ* 41:11-19, 1970.
5. Green GE, Spencer FC, Tice DA, Stertzer SH: Arterial and Venous Microsurgical Bypass Grafts for Coronary Artery Disease. *J Thor Cardio Surg* 60: 491, 1970.
6. DePasquale NP, Bruno MD, Stertzer SH: Disappearance of Papillary Muscle Dysfunction After Bypass Surgery. *Arch Surg* 107:99-100, 1973.
7. Weinstein G, Franzone AJ, Stertzer SH, Wallsh E: Subvalvular Stenosis of Aortic Prosthesis: A Complication of the Suture Buttress Technique. *J Thor Cardio Surg* 68:17-20, 1974.
8. Stertzer SH, DePasquale NP, Bruno MS, Cohn LJ: Early Evaluation of Rechargeable Pacemaker Systems. *Circ* 54:4, 1975.
9. DePasquale NP, Bruno MS, Stertzer SH: Coronary Arteriography Appearances in Patients with Left Anterior Hemiblock. *European J of Cardiol* 2(3):295-297, 1975.
10. Stertzer SH, DePasquale NP, Bruno MS, Cohn LJ: Right Ventricular Apex Angioplasty for Precise Placement of Transvenous Pacemakers. *Chest* 69:222-223, 1976.
11. Weinstein G, Nichols NH, Rogers MR, Franzone AJ, Stertzer SH, Wallsh E: Endocarditis of Aortic Valvular Prosthesis Due to *Listeria Monocytogenes*. *Chest* 69:6, 1976.
12. Wallsh E, Franzone AJ, Weinstein G, Stertzer SH: Distal Right Coronary Endarterectomy with Saphenous Coronary Bypass for Diffuse Coronary Disease. *NY J Med* 11:1827-1833, 1976.
13. Franzone AJ, Wallsh E, Stertzer SH, DePasquale NP, Bruno MS: Reduced Incidence of Intraoperative Myocardial Infarction During Coronary Bypass Surgery with the Use of Intracoronary Shunt Technique. *Am J Cardiol* 39:1017, 1977.
14. Wallsh E, Franzone AJ, Fiume F, Stertzer SH: Occurrence of Coronary Spasm During Coronary Bypass Surgery. *NY J Med* 77:2078-2085, 1977.

15. Stertz SH, DePasquale NP, Cohn LG, Bruno MS: Evaluation of a Rechargeable Pacemaker System. *Pace* 1:186-188, 1977.
16. Gruentzig A, Kaltenbach M, Myler RK, Stertz SH: Perkutane Transluminale Angioplastik der Koronararterien (Zusammenfassung der Ergebnisse), *verh Dtsch. Ges. Herz-u. Kreislaufforsch* 45:136-139, 1979.
17. Stertz SH, Myler RK, Bruno M, Wallsh E: Transluminal Coronary Artery Dilatation. *Prac Cardiol* 5(3):25, 1979.
18. Wallsh E, Franzone AJ, Clauss RH, Bruno MS, Steichen F, Stertz SH: Transluminal Coronary Angioplasty During Saphenous Coronary Bypass Surgery: A Preliminary Report. *Ann of Surg* 191:234-237, 1980.
19. Stertz SH, Myler RK, Wallsh E, Bruno MS, DePasquale N: Frontiers of Therapy: Dilatation of Obstructed Coronaries by Percutaneous Transluminal Coronary Angioplasty. *J Cardiovasc Med* 5(12):1059-1064, 1980.
20. Kaltenbach M, Kober G, Salter P, Gruentzig A, Myler RK, Stertz SH: Konservative Therapie, aortokoronare Bypassoperation oder transluminale Angioplastik: *Verh. Dtsch. Ges. Herz-u. Kreislaufforsch* 6:130-137, 1980.
21. Block PC, Myler RK, Stertz SH, Dallon JT: Morphology After Transluminal Angioplasty in Human Beings. *N Engl J Med* 305(7):382-385, 1981.
22. Wallsh E, Clauss RH, Armellin C, Franzone AJ, Steichen F, Stertz SH: Manual Coronary Endarterectomy with Saphenous Bypass: Experience with 263 Patients. *Ann Thor Surg* 32(5):451-455, 1981.
23. Alcan KE, Stertz SH, Wallsh E, Franzone AJ, DePasquale NN, Bruno MS: The Expanding Role of Intra-Aortic Balloon Counterpulsation in Critical Care Cardiology in a Community-Based Hospital. *Cardiovasc Rev and Rep* 3(1):61-69, 1982.
24. Williams DO, Stertz SH: Guidelines for the Performance of Percutaneous Transluminal Coronary Angioplasty. *Circ* 66(4):693-694, 1982.
25. Wallsh E, Franzone AJ, Weinstein GS, Alcan K, Clavel A, Stertz SH: Use of Operative Transluminal Coronary Angioplasty as an Adjunct to Coronary Artery Bypass. *J Thor Cardiovasc Surg* 84:843-848, 1982.
26. Dorros G, Stertz SH, Bruno MS, Kaltenbach M, Myler RK, Spring DA: The Brachial Artery Method to Transluminal Coronary Angioplasty. *Cath Cardiovasc Diagn* 8:233-242, 1982.

27. Choy DS, Stertz SH, Rotterdam HZ, Sharrock N, Keminow N: Transluminal Laser Catheter Angioplasty. *Am J Cardiol* 50:1206-1208, 1982.
28. Choy DS, Stertz SH, Rotterdam HZ, Bruno MS: Laser Coronary Angioplasty: Experience with Cadaver Hearts. *J Cardiol* 50:1209-1211, 1982.
29. Dorros G, Stertz SH, Myler RK, et al: Percutaneous Transluminal Coronary Angioplasty Registry: The First 1500 Cases. *Terapevtichesky Arkhiv* 11:15, 1982.
30. Alcan KE, Stertz SH, Wallsh E, Depasquale NP, Bruno MS: The Role of Intra-Aortic Balloon Counterpulsation in Patients Undergoing Percutaneous Transluminal Coronary Angioplasty. *Am Heart J* 105(3):527-530, 1983.
31. Dorros G, Stertz SH: Percutaneous Transluminal Coronary Angioplasty: Brief Review of the First 1500 Cases in the NHLI-PTCA Registry. *Applied Radiology* 12(4):69, 1983.
32. Dorros G, Stertz SH, Myler RK, Kaltenbach M, Spring D: Transluminal Coronary Angioplasty: Comparison of the Brachial and Femoral Methods. *Cath Cardiovasc Diagn* 9:547-553, 1983.
33. Dorros G, Stertz SH: Percutaneous Transluminal Coronary Angioplasty Bulletin. *Vsesoyoznogo Nauchnogo Tsentra Amnssr* 1:105-115, 1983.
34. Dorros G, Cowley MJ, Simpson J, Bentivoglio LG, Block PC, Bourassa MG, Detre KM, Gosselin AJ, Gruentzig AR, Kelsey SF, Kent KM, Mock MB, Mullin SM, Myler RK, Passamani ER, Stertz SH, Williams DO, Percutaneous Transluminal Coronary Angioplasty (PTCA): Report of Complications from the National Heart, Lung, and Blood Institute PTCA Registry. *Circ* IV-67:723-230, 1983.
35. Choy DSJ, Stertz SH, Myler RK, Marco J, Fournial G: Human Coronary Laser Recanalization. *Clin Cardiol* 7:377-381, 1984.
36. Dorros G, Stertz SH, Cowley MJ, Myler RK: Complex Coronary Angioplasty: Multiple Coronary Dilatations. *Am J Cardiol* 53:126C-130C, 1984.
37. Jang GC, Block PC, Cowley MJ, Gruentzig AR, Dorros G, Holmes DR, Kent KM, Leatherman LL, Myler RK, Sjolander SME, Stertz SH, Vetrovec GW, Willis WH, Williams DO: Relative Cost of Coronary Angioplasty and Bypass Surgery in a One-Vessel Disease Model. *Am J Cardiol* 53:52C-55C, 1984.
38. Kent KM, Bentivoglio LG, Block PC, Bourassa MG, Cowley MJ, Dorros G, Detre KM, Gosselin AJ, Gruentzig AR, Kelsey SF, Mock MB, Mullin SM, Passamani ER, Myler RK, Simpson J, Stertz SH, VanRaden MJ, Williams DO:

- Long Term Efficacy of Percutaneous Transluminal Coronary Angioplasty (PTCA): Report from the National Heart, Lung, and Blood Institute PTCA Registry. *Am J Cardiol* 53:27C-31C, 1984.
39. Wallsh E, Weinstein GS, Franzone AJ, Clavel A, Stertzer SH: Adjunctive Operative Coronary Artery Balloon-Catheter Dilatation: Review of Lenox Hill Experience. *Am Heart J* 107:856, 1984.
 40. Choy DSJ, Stertzer SH, Loubeau JM, Kessler H, Quilici P, Rotterdam H, Meltzer L: Embolization and Vessel Wall Perforation in Argon Laser Recanalization. *Lasers in Surg and Med* 5:297-308, 1985.
 41. Topol EJ, Myler RK, Stertzer SH: Selection of Dilatation Hardware for PTCA. *Cath Cardiovasc Diagn* 11:629-637, 1985.
 42. Stertzer SH, Myler RK, Insel H, Wallsh E, Rossi P: Percutaneous Transluminal Coronary Angioplasty in Left Main Stem Coronary Stenosis: A Five-Year Appraisal. *Intl J Cardiol* 9:149-159, 1985.
 43. George GS, Myler RK, Stertzer SH, Clark DA, Cote G, Shaw RE, Fishman-Rosen J, Murphy MC: Balloon Angioplasty of Coronary Bifurcation Lesions: The Kissing Balloon Technique. *Cath Cardiovasc Diagn* 12(2):124-138, 1986.
 44. Myler RK, Stertzer SH, Clark DA, Shaw RE, Fishman-Rosen J, Murphy MC: Coronary Angioplasty at the Time of Initial Cardiac Catheterization: "Ad Hoc" Angioplasty Possibilities and Challenges. *Cath Cardiovasc Diagn* 12:213-214, 1986.
 45. Choy DS, Marco J, Fournial G, Stertzer SH: Argon Laser Recanalization of Three Totally Occluded Human Right Coronary Arteries. *Clin Cardiol* 9:296-298, 1986.
 46. Shaw RE, Cohen F, Fishman-Rosen J, Murphy MC, Stertzer SH, Clark DA, Myler RK: Psychologic Predictors of Psychosocial and Medical Outcomes in Patients Undergoing Coronary Angioplasty. *Psychosomatic Med* 48(8):582-597, 1986.
 47. Myler RK, Topol EJ, Stertzer SH, Clark DA, Fishman-Rosen J, Murphy MC: Multiple Vessel Coronary Angioplasty: Classification, Results and Patterns of Restenosis in 494 Consecutive Patients. *Cath Cardiovasc Diagn* 13:1-15, 1987.
 48. Cote G, Myler RK, Stertzer SH, Clark DA, Fishman-Rosen J, Murphy MC, Shaw RE: Percutaneous Transluminal Angioplasty of Stenotic Coronary Artery Bypass Grafts: 5 Years Experience. *JACC* 9:8-17, 1987.

49. Myler RK, Shaw RE, Stertzer SH, Clark DA, Fishman-Rosen J, Murphy MC: Recurrence After Coronary Angioplasty. *Cath Cardiovasc Diagn* 13:77-86, 1987.
50. Shaw RE, Myler RK, Stertzer SH, Clark DA: Recurrence After Coronary Angioplasty: Prediction and Prevention. *Cardiol* 4:42-25, 1987.
51. Topol EJ, Ellis S, Fishman-Rosen J, Leimgruber P, Myler RK, Stertzer SH, O'Neill WW, Roubin GS, Douglas JS, King SB III: Multicenter Study of Percutaneous Transluminal Angioplasty for Right Coronary Artery Ostial Stenosis. *JACC* 9:1214-1218, 1987.
52. Potkin BN, Myler RK, Motamed HE, Mann JM, Hendel JL, Sperling DC, Stertzer SH, Roberts WC: Delayed Clinical Evidence of Coronary Arterial Disruption After Presumably Successful Percutaneous Transluminal Coronary Angioplasty for Angina Pectoris. *Am J Cardiol* 60:909-911, 1987.
53. Mooney MR, Myler RK, Stertzer SH, Clark DA, Fishman J: The Balloon on a Wire Device: A New Ultra-Low Profile Coronary Angioplasty System/Concept. *Cath Cardiovasc Diagn* 14:135-140, 1988.
54. Boucher RA, Myler RK, Clark DA, Stertzer SH: Coronary Angiography and Angioplasty. *Cath Cardiovasc Diagn* 14:269-285, 1988.
55. Bashour TT, Myler RK, Andreae GE, Stertzer SH, Clark DA, Ryan CJ: Current Concepts in Unstable Myocardial Ischemia. *Am Heart J* 115:850-861, 1988.
56. Ellis SG, Roubin GS, King SB III, Douglas Jr JS, Shaw RE, Stertzer SH, Myler RK: In-Hospital Cardiac Mortality After Acute Closure After Coronary Angioplasty: Analysis of Risk Factors from 8207 Procedures. *JACC* II(2):211-6, 1988.
57. Green GE, Stertzer SH, Reppert EH: Use of the Internal Mammary Artery in Myocardial Revascularization. *Ann Thor Surg* 45:4, 1988.
58. Bergin P, Myler RK, Shaw RE, Stertzer SH, Clark DA, Ryan C, Murphy MC: Transluminal Coronary Angioplasty in the Treatment of Silent Ischemia. *Cath Cardiovasc Diagn* 15:223-228, 1988.
59. Clark DA, Marquardt W, Myler RK, Shaw RE, Stertzer SH, Andreae GE, Andreae LT, Fishman J, Murphy MC: Coronary Angioplasty in Patients with Prior Bypass Surgery: Early and Long Term Results. *Cath Cardiovasc Diagn* 15:205, 1988.
60. Stertzer SH, Shaw RE, Myler RK, O'Donnell MJ: The Setting of Coronary Angioplasty in Multivessel Disease: Current Status and Future Directions. *Cardiol Clinics*, 7(4):771-782, 1989.

61. Ellis SG, Shaw RE, Gershony G, Thomas R, Roubin GS, Douglas JS, Topol EJ, Stertzer SH, Myler RK, King SB III: Risk Factors, Time Course and Treatment Effect for Restenosis After Successful Percutaneous Transluminal Coronary Angioplasty of Chronic Total Occlusion. *Am J Cardiol* 63:897-901, 1989.
62. Myler RK, Mooney MR, Fishman-Mooney J, Shaw RE, Stertzer SH, Murphy MC: Longterm Follow-Up 12 Years After Coronary Angioplasty: Outcome in Coronary Bypass and Angioplasty Groups. *Cath Cardiovasc Diagn* 17:62, 1989.
63. Nguyen KPV, Shaw RE, Stertzer SH, Myler RK: Does Coronary Angioplasty Cause Progression of Atherosclerotic Disease? *Cath Cardiovasc Diagn* 17:64, 1989.
64. Mayo JR, Myler RK, Stertzer SH, Cumberland DC, Bashour T, Manubens S, Hidalgo : Angioplasty of Unusually Large Coronary Arteries Using the Hugging Balloon Technique Via a Single Guiding Catheter. *Cath Cardiovasc Diagn* 17:87-91, 1989.
65. Crew J, Stertzer SH, Myler RK, Hanna E, White R, Cumberland DC, Hidalgo B, Dean M: Blood Vessel Welding By Laser: Preliminary Clinical Application. *J Inv Cardiol* 1:77-89, 1989.
66. Myler RK, Stertzer SH, Cumberland DC, Web JG, Shaw RE: Coronary Angioplasty: Indications, Contraindications and Limitations: Historical Perspective and Technological Determinants. *J Interven Cardiol* 2(3):179-185, 1989.
67. Myler RK, Stertzer SH, Cumberland DC, Shaw RE: Multiple Vessel Angioplasty. *J Inv Cardiol* 1(4):191-199, 1989.
68. Nguyen K, Myler RK, Hieshima G, Ashraf M, Stertzer SH: Treatment of Coronary Artery Stenosis and Coronary Arteriovenous Fistula By Interventional Cardiology Techniques. *Cath Cardiovasc Diagn* 18(4):240-243, 1989.
69. Ellis S, Shaw RE, Gershony G, Thomas R, Roubin GS, Douglas JS, Topol EJ, Stertzer SH, Myler RK, King SB III: Risk Factors, Time Course and Treatment Effect for Restenosis After Successful Percutaneous Transluminal Coronary Angioplasty of Chronic Total Occlusion. *Am J Cardiol* 63:897-901 1989.
70. Stertzer SH, Shaw RE, Myler RK, O'Donnell MJ: The Setting of Coronary Angioplasty in Multivessel Disease: Current Status and Future Directions. *Cardiol Clinics* 7(4):771-782, 1989.
71. Webb JG, Myler RK, Shaw RE, Anwar A, Murphy MC, Fishman-Mooney J, Mooney MP, Stertzer SH: Bidirectional Cross-Over and Late Outcome After

- Coronary Angioplasty and Bypass Surgery: 8 to 11 Year Follow-Up. *JACC* 16(1):57-65, 1990.
72. Webb JG, Myler RK, Stertzer SH, Guermontprez JL, Jais JM, Maouad J: Angioplasty of Small Diameter Coronary Arteries Using an Angiographic Catheter and Probe. *Cath Cardiovasc Diagn* 20(4):261-266, 1990.
 73. Dorros G, Lewin RF, Stertzer SH, King JF, Waller F, Myler RK, Mathiak L, Murphy M, Shaw RE, Assa J, Anderson AJ: Percutaneous Transluminal Aortic Valvuloplasty - the Acute Outcome and Follow-Up of 149 Patients Who Underwent the Double Balloon Technique. *European Heart J* 11:429-440, 1990.
 74. Myler RK, Boucher RA, Cumberland DC, Stertzer SH: Guiding Catheter Selection for Right Coronary Artery Angioplasty. *Cath Cardiovasc Diagn* 19(1):58-67, 1990.
 75. Myler RK, Stertzer SH: Cardiopulmonary Support: The Risk and Benefits of Assisted Coronary Angioplasty. *JACC* 15(1):30-31, 1990.
 76. Webb JG, Myler RK, Shaw RE, Anwar A, Mayo JR, Murphy MC, Cumberland DC, Stertzer SH: Coronary Angioplasty After Coronary Bypass Surgery: Initial Results and Late Outcome in 422 Patients. *JACC* 16(4), 1990.
 77. Myler RK, Frink RJ, Shaw RE, Bashour TT, Hecht HS, Ryan C, Cumberland DC, Stertzer SH: The Unstable Plaque: Pathophysiology and Therapeutic Implications. *J Inv Cardiol* 2(3):117-128, 1990.
 78. Nguyen KPV, Shaw RE, Myler RK, Webb JG, Stertzer SH: Does Percutaneous Transluminal Coronary Angioplasty Accelerate Atherosclerotic Lesions? *Cath Cardiovasc Diagn* 21(1):1-6, 1990.
 79. Myler RK, Shaw RE, Stertzer SH, Bashour TT, Ryan C, Hecht HS, Cumberland DC: Unstable Angina and Coronary Angioplasty. *Circ* 82(3 Suppl):II-88-95, 1990.
 80. Stertzer SH, Myler RK: Left Ventricular Support During High Risk Coronary Angioplasty: An Argument for the Use of Cardiopulmonary Support. *J Inv Cardiol* 2(4):155-156, 1990.
 81. Anwar A, Mooney MR, Stertzer SH, Mooney JF, Shaw RE, Madison JD, VanTassel RA, Murphy MC, Myler RK: Intra-Aortic Balloon Counterpulsation Support for Elective Coronary Angioplasty in the Setting of Poor Left Ventricular Function: A Two Center Experience. *J Inv Cardiol* 2(4):175-180, 1990.
 82. Bowes RJ, Oakley GD, Fleming JS, Myler RK, Stertzer SH, Shaw RE, Cumberland DC: Early Clinical Experience With a Hot Tip Laser Wire in

- Patients With Chronic Coronary Artery Occlusions. *J Interven Cardiol* 2(6):241-245, 1990.
83. Hecht HS, Shaw RE, Bruce RT, Ryan C, Stertzer SH, Myler RK: Usefulness of Tomographic Thallium-201 Imaging for Detection of Restenosis After Percutaneous Transluminal Coronary Angioplasty. *Am J Cardiol* 66:1314-1318, 1990.
 84. Stertzer SH: Angioplastie Sous Assistance Cardio-pulmonaire Chez les Patients a Haut Risque. *L'Information Cardiologique* 14(10):3-4, 1990.
 85. Webb JG, Myler RK, Shaw RE, Anwar A, Stertzer SH: Coronary Angioplasty in Young Adults: Initial Results and Late Outcome. *JACC* 16(7):1569-1574, 1990.
 86. Anwar A, Myler RK, Nguyen K, Shaw RE, Webb J, Anwar LB, Murphy MC, Cumberland DC, Stertzer SH: Combined Coronary Angioplasty, Urokinase and Heparin in the Treatment of Acute Ischemic Syndromes. *J Inv Cardiol* 3(1):41-48, 1991.
 87. Hecht HS, Shaw RE, Chin HL, Ryan C, Stertzer SH, Myler RK: Silent Ischemia After Coronary Angioplasty: Evaluation of Restenosis and Extent of Ischemia in Asymptomatic Patients by Tomographic Thallium-201 Exercise Imaging and Comparison With Symptomatic Patients. *JACC* 17(3):670-677, 1991.
 88. Schechtmann NS, Rosenblum J, Shaw RE, Myler RK, Stertzer SH: Angioplasty of the Completely Occluded Coronary Vessel. *Surg Tech Int'l*, 1:191-195, 1991.
 89. Myler RK, Webb JG, Nguyen KPV, Shaw RE, Anwar A, Schechtmann NS, Bashour TT, Stertzer SH, Zapolanski A: Coronary Angioplasty in Octogenarians: Comparisons to Coronary Bypass Surgery. *Cath Cardiovasc Diagn* 23(1):3-9, 1991.
 90. Myler RK, Stertzer SH, Shaw RE: Coronary Angioplasty and Coronary Bypass Surgery. *J Inv Cardiol* 3(4): 180-190, 1991.
 91. Myler RK, Schechtmann NS, Rosenblum J, Collinsworth KA, Bashour TT, Ward K, Murphy MC, Stertzer SH: Multiple Coronary Artery Aneurysms in an Adult Associated with Extensive Thrombus Formation Resulting in Acute Myocardial Infarction: Successful Treatment with Intracoronary Urokinase, Intravenous Heparin, and Oral Anticoagulation. *Cath Cardiovasc Diagn* 24(1):51-54, 1991.
 92. Rosenblum J, Stertzer SH, Schechtmann NS, Hidalgo B, Baciewicz PA, Myler RK: Brachial Rotational Atherectomy. *Cath Cardiovasc Diagn* 24(1):51-54, 1991.

93. Rosenblum J, Stertz SH, Ward K, Myler RK: Guide Damage - An Unusual Technical Problem Associated with Rotational Atherectomy. *J Inv Cardiol* 3(6):259-261, 1991.
94. Schechtman NS, Rosenblum J, Stertz SH, Hidalgo B, Baciewicz PA, Feind CR, Ward K, Myler RK: Rotational Ablation of Chronic Coronary Occlusions. *Cath Cardiovasc Diagn* 24(4):295-299, 1991.
95. Ellis SG, Myler RK, King SB III, Douglas JS Jr, Topol EJ, Shaw RE, Stertz SH, Roubin GS, Murphy MC: Causes and Correlates of Death After Unsupported Coronary Angioplasty: Implications for Use of Angioplasty and Advanced Support Techniques in High Risk Settings. *Am J Cardiol* 68(15):1447-1451, 1991.
96. Zapolanski A, Rosenblum J, Myler RK, Shaw RE, Stertz SH, Millhouse FG, Zatzkis M, Wulff C, Schechtman NS, Siegel S, Bronstein M, Ellertson D, Leary L: Emergency Coronary Artery Bypass Surgery Following Failed Balloon Angioplasty: Role of the Internal Mammary Artery Graft. *J Cardiac Surg* 6(4):439-448, 1991.
97. Rosenblum J, O'Donnell MJ, Stertz SH, Schechtman NS, Baciewicz PA, Hidalgo B, Myler RK: Rotational Ablation of a Severely Angulated Stenosis Previously Not Amenable to Balloon Angioplasty. *Am Heart J* 122(6):1766-1768, 1991.
98. Feldman T, Carroll JD, Isner JM, Chisholm RJ, Holmes DR, Massumi A, Pichard AD, Herrmann HC, Stertz SH, O'Neill WW, Dorros G, Sundram P, Bashore TM, Ramaswamy K, Jones LS, Inoue K: Effect of Valve Deformity on Results and Mitral Regurgitation After Inoue Balloon Commissurotomy. *Circ* 85(1):180-187, 1992.
99. Myler RK, Shaw RE, Stertz SH, Hecht HS, Ryan C, Rosenblum J, Cumberland DC, Murphy MC, Hansell HN, Hidalgo B: Lesion Morphology and Coronary Angioplasty: Current Experience and Analysis. *JACC* 19(7):1641-1652, 1992.
100. Myler RK, Shaw RE, Stertz SH, Zipkin RE, Rosenblum J, Hecht HS, Ryan C, Briskin JG, Dunlap RW, Hanson CL, Zapolanski Z, Cumberland DC: There is No Such Thing as "Restenosis". *J Inv Cardiol* 4(6):282-290, 1992.
101. Rosenblum J, Stertz SH, Shaw RE, Hidalgo B, Hansell HN, Murphy MC, Myler RK: Rotational Ablation of Balloon Angioplasty Failures. *J Inv Cardiol* 4(6):312-318, 1992.
102. Huber MS, Fishman-Mooney J, Shaw RE, Myler RK, Stertz SH, Van Tassel RA, Mooney MR: Restenosis Presenting as Total Occlusion After Percutaneous

- Transluminal Coronary Angioplasty: Clinical Parameters and Efficacy of Repeat Angioplasty. *J Inv Cardiol* 4:376-382, 1992.
103. Stertzer SH, Rosenblum J, Shaw RE, Sugeng I, Hidalgo B, Ryan C, Hansell HN, Murphy MC, Myler RK: Coronary Rotational Ablation: Initial Experience in 302 Procedures. *JACC* 21(2):287-295, 1993.
 104. Hecht HS, DeBord L, Shaw R, Dunlap R, Ryan C, Stertzer SH, Myler RK: Usefulness of Supine Bicycle Stress Echocardiography for Detection of Restenosis After Percutaneous Transluminal Coronary Angioplasty. *Am J Cardiol* 71(4):293-296, 1993.
 105. Teirstein PS, Vogel RA, Dorros G, Stertzer SH, Vandormael MH, Smith SC, Overlie PA, O'Neill WW: Prophylactic Versus Standby Cardiopulmonary Support for High Risk Percutaneous Transluminal Coronary Angioplasty. *JACC* 21(3):590-596, 1993.
 106. Hecht HS, DeBord L, Shaw R, Dunlap R, Ryan C, Stertzer SH, Myler RK: Digital Supine Bicycle Stress Echocardiography: A New Technique for Evaluating Coronary Artery Disease. *JACC* 21(4):950-956, 1993.
 107. Shaw RE, Myler RK, Murphy MC, Mooney J, Hansell HN, Stertzer SH: The Evolution of a Clinical Database to Evaluate the Treatment of Coronary Artery Disease. *J Inv Cardiol* 5(4):162-169, 1993.
 108. Myler RK, Shaw RE, Stertzer SH, Pomerantsev EV, Raju P, Zipkin RE: A Classification System for Coronary Angioplasty Based Upon Atheroma Burden. *J Inv Cardiol* 5(4):153-161, 1993.
 109. Baciewicz PA, Shaw RE, Rosenblum J, Myler RK, Zapolanski A, Anwar A, Stertzer SH, Murphy MC, Hansell HN, Chan J, Leary L: Late Outcome of Multivessel Coronary Artery Disease After Angioplasty or Bypass Surgery. *J Inv Cardiol* 5(5):179-187, 1993.
 110. Pomerantsev EV, Stertzer SH, Shaw RE, Hanson CL, Hecht H, Hidalgo B, Jacobs DM, Paju PK, Myler RK: Directional Coronary Atherectomy for Myocardial Infarction as an Ad Hoc Procedure - Role of Brachial Approach. *J Inv Cardiol* 5(6):225-232, 1993.
 111. Raju PK, Shaw RE, Myler RK, Stertzer SH, Pomerantsev EV, Murphy MC: Factors Predicting Worsening of Lesion Morphology in Restenotic Lesions After Coronary Angioplasty. *Cath Cardiovasc Diagn* 29:85, 1993.
 112. Myler RK, Shaw RE, Stertzer SH, Hecht H, Ryan C: Restenosis After Coronary Angioplasty: Pathophysiology and Therapeutic Implications (Part 1 of Two Parts). *J Inv Cardiol* 5(8):278-287, 1993.

113. Stertzer SH, Rosenblum J, Shaw RE, Zipkin RE, Hidalgo BO, Murphy MC, Myler RK, Ryan C: Restenosis Following Successful Rotational Ablation of De Novo Coronary Stenoses. *J Inv Cardiol* 5(8):295-301, 1993.
114. Myler RK, Shaw RE, Stertzer SH, Hecht H, Ryan C, Cumberland DC: Restenosis After Coronary Angioplasty: Pathophysiology and Therapeutic Implications (Part 2 of Two Parts). *J Inv Cardiol* 5(9):319-333, 1993.
115. Anwar A, Stertzer SH, Hidalgo B, De La Fuente L, Morales MC, Fischer EI, Shaw RE, Murphy MC, Myler RK: Coronary Stenting with a New Ultra-Short Balloon Expandable Device: Early and Late Animal Results. *Cath Cardiovasc Diagn* 31(1):85-89, 1994.
116. Stertzer SH, Pomerantsev EV, Shaw RE, Boucher RA, Millhouse F, Zipkin RE, Hidalgo B, Murphy MC, Hansell NH, Myler RK: Comparative Study of the Angiographic Morphology of Coronary Artery Lesions Treated with PTCA, Directional Coronary Atherectomy, or High-Speed Rotational Ablation. *Cath Cardiovasc Diag* 33(1):1-9, 1994.
117. Pomerantsev EV, Stertzer SH, Shaw RE: Quantitative Left Ventriculography: Methods of Assessment of the Regional Contractility. *J Inv Cardiol* 7(1):11-18, 1995.
118. Ozaki Y, Keane D, Ruygrok P, de Feyter P, Stertzer SH, Serruys PW: Acute Clinical and Angiographic Results With the New AVE Micro Coronary Stent in Bailout Management. *Am J Cardiol* 76(3):112-116, 1995.
119. Stertzer SH, Pomerantsev EV, Fitzgerald PF, Shaw RE, Walton AS, Singer AH, Yeung A, Yock PG, Oesterle SN: Effects of Technique Modification on Immediate Results of High Speed Rotational Atherectomy in 710 Procedures on 656 Patients. *Cath Cardiovasc Diag* 36(4):304-310, 1995.
120. Walton AS, Pomerantsev EV, Oesterle SN, Yeung AC, Singer AH, Shaw RE, Stertzer SH: Outcome of Narrowing Related Side Branches Following High Speed Rotational Atherectomy. *Am J Cardiol* 77(5): 370-373, 1996.
121. Webb J, Stertzer S, Ahmad T, Carere R, Mercier B, Dodek A: Multicenter Clinical Experience With the Development of a Novel Short Coronary Stent and Its Prototype Device. *Cath Cardiovasc Diag* 37(2):120-124, 1996.
122. Stertzer SH, Pomerantsev EV, Oesterle SN, Yeung AC, Yock PG, Fitzgerald PJ, Shaw RE, Walton AS, Singer AH, Sanders WJ: High Speed Rotational Atherectomy: Six Months Serial Quantitative Coronary Angiographic Follow Up. *Am Heart J* 131(4):639-648, 1996.

123. Pomerantsev EV, Kim C, Kernoff RS, Oesterle SN, Yeung A, Fitzgerald PJ, Virmani R, Sertzer SH, Yock PG: Coronary AVE Micro Stents: Serial Quantitative Angiography and Histology in A Canine Model. *Cath and Cardiovasc Diagn* 41:213-224, 1997.
124. Sertzer SH, Pomerantsev EV, Oesterle SN: Quantitative Coronary Angiographic Analysis of Spasm and Recoil After High Speed Rotational Atherectomy. *J Interven Cardiol* 10(1):29-40, 1997.
125. Overlie PA, Shawl FA, Vogel RA, Mooney MR, Smith SC Jr., Sertzer SH, Freeman RJ Jr., Ohman EM, Teirstein PS, George BS, Moore KE, RN: Failed Angioplasty with Cardiac Arrest: Survival Characteristics and Outcomes From the National Registry for Emergency Cardiopulmonary Bypass Investigators. *Chest* 1997.
126. Oesterle, SN, Fitzgerald PJ, Yeung AC, Sertzer SH, Dake MD, Virmani R, Yock PG: The Stent Decade: A Current Perspective. *Circulation* 1997.
127. Pomerantsev EV, Colombo A, Delafuente L, Grube E, Juergens C, Mathey D, Schaliy M, Goy JJ, Morice MC, Schofer J, Sugeng I, Sertzer SH: Microstent to GFX: experience in 2,325 patients. *J of Interven Cardiol* 11:101-106, 1998.
128. Pomerantsev EV, Kobayashi Y, Fitzgerald PJ, Grube E, Sanders WJ, Alderman EL, Oesterle SN, Yock PG, Sertzer SH: Coronary Stents: In vitro aspects of an angiographic and ultrasound quantification with in vivo correlation. *Circulation* 98:1495-1503, 1998.
129. Oesterle SN, Limpijankit T, Yeung AC, Sertzer SH, Pomerantsev EV, Yock PG, Fitzgerald PJ. Ultrasound Logic: The Value of Intracoronary Imaging for the Interventionist. *Catheterization and Cardiovascular Interventions* 47(4): 475-490, 1999.
130. Lo S, Fearon W, Sertzer SH: Left Ventricular Pseudoaneurysm. *Clinical Cardiology* April,24(4):345, 2001.
131. Rezaee M, Yeung AC, Altman P, Lubbe D, Takeshi S, Schwartz RS, Sertzer SH, Altman JD: Evaluation of the Percutaneous Intramyocardial Injection for Local Myocardial Treatment. *Catheterization and Cardiovascular Interventions* 53:271-276, 2001.
132. Honda Y, Grube E, De la Fuente LM, Yock PG, Sertzer SH, Fitzgerald PJ: Novel Drug-Delivery Stent Intravascular Ultrasound Observations From the First Human Experience With the QP2-Eluting Polymer Stent System. *Circulation* 104 (4): 380-383, 2001.

133. De la Fuente LM, Miano J, Mrad J, Penaloza E, Yeung AC, Eury R, Froix M, Fitzgerald PJ, Stertzer SH: Initial Results of the Quanam Drug Eluting Stent (QuaDS-QP-2) Registr (BARDDS) in Human Subjects. *Catheterization and Cardiovascular Interventions* 53(4): 480-488, 2001.
134. Grube E, Gerckens U, Yeung AC, Rowold S, Kirchhof N, Sedgewick J, Yadav JS, Stertzer SH: Prevention of Distal Embolization During Coronary Angioplasty in Saphenous Vein Grafts and Native Vessels Using Porous Filter Protection. *Circulation* 104(20): 2436-2441, 2001.
135. Kataoka T, Grube E, Honda Y, Morino Y, Hur S, Bonneau HN, Colombo A, Di Mario C, Guagliumi G, Hauptmann KE, Pitney MR, Lansky AJ, Stertzer SH, Yock, PG, Fitzgerald PJ: 7-Hexanolytaxol-Eluting Stent for Prevention of Neointimal Growth. *Circulation* 106(14): 1788-1793, 2002.
136. Barcelo A, De la Fuente LM, Stertzer SH: Anatomic and Histologic Review of the Coronary Sinus. *International Journal of Morphology* 22(4): 331-338, 2004.
137. De la Fuente LM, Stertzer SH, Argentieri J, Penaloza E, Miano J, Koziner B, Bilos C, Altman P: Transendocardial Autologous Bone Marrow in Chronic Myocardial Infarction using the Helical Needle Catheter: One Year Follow-up in an Open-Label, Non-Randomized Single-Center Pilot Study (the TABMMI study) *American Heart Journal* 154:79.e1 279.e7, 2007.
138. Myler RK, Stertzer SH, Cumberland DC, Webb JG, Shaw RE: Coronary Angioplasty: Incidations, Contraindications, and Limitiations Historical Prespective and Technological Determinants. *Journal of Interventional Cardiology* 2(3): 179-185, June 2007.
139. De La Fuente LM, Stertzer SH, Penaloza E, Argentieri J, Miano J, Koziner B, Bilos C, Battaglia L, Lucero G, Rouy D, Altman P: Transendocardial Autologous Bone Marrow in Chronic Myocardial Infarction Using a Helical Needle Catheter. *Cardiovascular Revascularization Medicine* 9(2):111-112, April 2008
140. De La Fuente LM, Stertzer SH, Penaloza E, Argentieri J, Miano J, Koziner B, Bilos C, Battaglia L, Lucero G, Rouy D, Altman P: Three Year Follow-up in an Open-label, Pilot Study of Transendocardial Autologous Bone Marrow in Chronic Myocardial Infarction Using a Helical Needle Catheter. *Cardiovascular Revascularization Medicine* 10(4):273-273 October 2009
141. De la Fuente L, Stertzer S, Argentieri J, Penaloza E, Koziner B, Rouy D, Altman P: Transendocardial Autologous Bone Marrow in Myocardial Infarction Induced Heart Failure, Two-year Follow-up in an Open-Label Phase I Safety Study (the TABMMI study). *EuroIntervention* 2011;7:805-812.

142. Mitsutake Y, Pyun WB, Rouy D, Foo CWP, Stertzer SH, Altman P, Ikeno F: Improvement of local cell delivery using Helix transendocardial delivery catheter in a porcine heart. *Int. Heart J* 2017; 58:1-6. PubMed PMID:28539564

JOURNAL ARTICLES (Non-Peer Reviewed)

1. Wallsh E, Weinstein G, Franzone J, Stertzer SH: The Use of Distal Right Coronary Endarterectomy and Saphenous Coronary Bypass to Decrease Total Grafts and Extend Operability in Patients with Coronary Artery Disease. *Coronary Artery Medicine and Surgery: Concepts and Controversies* 590-597, 1975.
2. Stertzer SH, Shaw RE, Myler RK, O'Donnell MJ: The Setting of Coronary Angioplasty in Multivessel Disease: Current Status and Future Directions. *Cardiol Clinics* 7(4):771-782, 1988.
3. Webb JG, Myler RK, Stertzer SH, Bashour TT: Percutaneous Transluminal Coronary Angioplasty: Part I, Current Indications for Its Use. *Consultant* 30(5):23-31, May 1990.
4. Bashour TT, Myler RK, Stertzer SH, Webb JG: Percutaneous Transluminal Coronary Angioplasty: Part II, Its Use in Unstable Myocardial Ischemia. *Consultant* 30(5):32-34, May 1990.
5. Stertzer SH: Rotational Ablation May Offer Alternative to Bypass in Complex Coronary Disease. *Today in Medicine* 8(5):16-19, May 1993.
6. Stertzer SH, Hidalgo BO, Raju PK, Pomerantsev EV. High speed rotational ablation: technical aspects. *Cath Lab Digest*, 1:17, 1993.

BOOK CHAPTERS

1. Dorros G, Stertzer SH, Myler RK, Kaltenbach M, Spring DA: Percutaneous Transluminal Coronary Angioplasty: Comparison of Brachial and Femoral Artery Methods. *Transluminal Coronary Angioplasty and Intra-Coronary Thrombolysis*. In: *Coronary Heart Disease IV*, Ed., (Kaltenbach M, Gruentzig A, Rentrop K, Bussman WD, Editors), Springer Verlag, Berlin-Heidelberg-New York, NY pp 139-142, 1982.
2. Mock MB, Stertzer SH, Detre K, Myler RK, Cowley M, Williams DO, Simpson JB, Block P, Bentivoglio L: The National Heart, Lung and Blood Institute Percutaneous Transluminal Angioplasty Registry: The First 116 Cases. *Transluminal Coronary Angioplasty and Intracoronary Thrombolysis*. In: *Coronary Heart Disease IV*, Ed., (Kaltenbach M, Gruentzig A, Rentrop K,

- Bussman WD, Editors), Springer Verlag, Berlin-Heidelberg-New York, NY pp 11-19, 1982.
3. Stertzer SH, Myler RK, Wallsh E, Bruno MS: Transluminal Coronary Angioplasty: Results, Complications, Follow-up and Consideration of Extension of Indications. An Analysis of 409 Procedures. Transluminal Coronary Angioplasty and Intracoronary Thrombolysis. In: Coronary Heart Disease IV, Ed., (Kaltenbach M, Gruentzig A, Rentrop K, Bussman WD, Editors), Springer Verlag, Berlin-Heidelberg-New York, NY pp 6-10, 1982.
 4. Myler RK, Stertzer SH: Coronary Angioplasty. In: Cardiology Update: Reviews for Physicians, (Rapaport E, Editor), Elsevier Biomedical, New York, NY, pp 1-6, 1983.
 5. Stertzer SH: Brachial Approach to Transluminal Coronary Angioplasty. Chapter 14, Angioplasty. In: Angioplasty, (Jang GD, Editor), McGraw-Hill Book Co., New York, NY pp 260-294, 1986.
 6. Roubin GS, Topol EJ, Williams DO, Stertzer SH: Clinical Perspective. In: PTCA in Perspective, (Block PC, Topol EJ, Editors), USCI Division of C.R. Bard, Billerica, MA, pp 2-1 to 2-55, 1987.
 7. Cumberland DC, Crew JR, Myler RK, Stertzer SH, Belli AM, Bowes RJ, Welch CL: Clinical Laser-Angioplasty Experience at Northern-General Hospital and the San Francisco Heart Institute. In: Laser Angioplasty, (Sanborn TA, Editor), Alan R. Liss, Inc., New York, NY, pp 29-39, 1989.
 8. Myler RK, Stertzer SH: Coronary and Peripheral Angioplasty: Historical Perspective. In: Textbook of Interventional Cardiology, (Topol EJ, Editor), W.B. Saunders Co., Philadelphia, PA, pp 187-198, 1990.
 9. George BS, Stertzer SH: Brachial Technique to Intervention. In: Textbook of Interventional Cardiology, (Topol EJ, Editor), W.B. Saunders Co., Philadelphia, PA, pp 515-534, 1990.
 10. Myler RK, Shaw RE, Rosenblum J, Stertzer SH, Zipkin R, Hecht H, Cumberland C, Ryan C, Zapolanski A: Complex Coronary Angioplasty. In: Diagnostic and Therapeutic Cardiac Catheterization, Second Edition, (Pepine CJ, Hill JA, Lambert CR, Editors), Williams & Wilkins, Baltimore, MD, pp 494-525, 1993.
 11. Myler RK, Stertzer SH: Coronary and Peripheral Angioplasty. In: Textbook of Interventional Cardiology (2nd Edition), (Topol EJ, Editor), W.B. Saunders Co, Philadelphia, PA, pp 171-185, 1993.
 12. Raju PK, Stertzer SH, Shaw RE, Pomerantsev EV, Zipkin R, Myler RK, Murphy M: High Speed Rotational Atherectomy in coronary artery disease. (Braverman

- MH, Tawes RL, Editors), Surgical Technology International II, Shiny International, Hong Kong, pp 255-258, 1993.
13. Stertzer SH, Pomerantsev EV: The Applied Vascular Engineering Micro Stent. In: Endoluminal Stenting, (Sigwart U, Editor), W.B. Saunders Co., Philadelphia, PA, pp 179-189, 1996.
 14. Stertzer SH: The Brachial Approach to Coronary Intervention. In: Strategic Approaches in Coronary Intervention, (Holmes Jr, DR, Editor), Williams and Wilkins, Boston, MA, pp 598-611, 1996.
 15. Stertzer SH, Pomerantsev EV, Metz JA, Fitzgerald PJ, Yock PG: The Changing Role of High Speed Rotational Atherectomy in the Present and Future Practice of Coronary Intervention. In: Developments in Cardiovascular Medicine, (Reiber JHC, Van Der Wall EE, Editors), Kluwer Academic Publishers, Dordrecht, Netherlands, pp 1-13, 1996.
 16. Stertzer SH, Pomerantsev EV: The AVE Micro Stents. In: Developments in Cardiovascular Medicine, (Reiber JHC, Van Der Wall, EE, Editors) Kluwer Academic Publishers, Dordrecht, Netherlands, pp 15-30, 1996.
 17. Stertzer SH, Pomerantsev EV: The AVE Micro Stent II. In: Handbook of Coronary Stents. (Patrick W. Serruys, Editor) Martin Dunitz Ltd. UK. pp 41-49, 1997.
 18. Stertzer SH, Pomerantsev EV: The AVE GSX-2, S540 and S670 Stents. In: Handbook of Coronary Stents, 3rd ed. (Patrick W. Serruys, Editor) Martin Dunitz Ltd. UK. pp263-281, 2000.

ABSTRACTS (selected 26 out of a total of over 85)

1. Fitzgerald PJ, Stertzer SH, Hidalgo BO, Myler RK, Shaw RE, Yock PG: Plaque Characteristics Affect Lesion and Vessel Response to Coronary Rotational Atherectomy: An Intravascular Ultrasound Study. (Abstr), JACC Special Issue 353A:940-27, 1994.
2. Pomerantsev EV, Stertzer SH, Yeung A, Oesterle SN, Botas J, Shaw RE: High Speed Rotational Atherectomy: Assessment of spasm and elastic recoil. Circulation, 90 [Part II]: 1139, 1994.
3. Myler RK, Shaw RE, Stertzer SH, Raju PK, Pomerantsev EV, Murphy MC: Triple Vessel Revascularization using coronary angioplasty or surgery: Initial results and five year follow-up. Catheterization and Cardiovascular Diagnosis, 32:94, 1994.

4. Cohen BM, Weber VJ, Bass TA, Dorros G, Leon MB, Stertzer SH, Warth D, Whitlow PL, Zacca NM, Buchbinder M: Coronary Perforation During Rotational Ablation: Angiographic Determinants and Clinical Outcomes. (Abstr), JACC Special Issue 354A:940-28, 1994.
5. Pomerantsev EV, Walton AS, Sanders WJ, Yeung AC, Oesterle SN, Stertzer SH: Quantitative angiographic assessment of coronary lesions 6 months after high speed rotational atherectomy. *Circulation* 92 [Suppl. I]: 1-328, 1995.
6. Overlie PA, Shawl FA, Vogel RA, Mooney RM, Smith SC, Stertzer SH: Emergency Cardiopulmonary Support in Cardiac Arrest and Cardiogenic Shock: Enhanced Survival from the Registry. (Abstr), JACC Special Issue 151A: 739-6, 1995.
7. Stertzer SH, Webb JG: Initial Report of the Use of the AVE Micro Stent in 84 Patients After Balloon Angioplasty (PTCA). (Abstr), *J Inv Cardiol* 7:37C, 1995.
8. Yeung AC, Pomerantsev EV, Walton AS, Oesterle SN, Stertzer SH: Quantitative Coronary Angiographic Characteristics of the AVE Microstents Vs. Palmaz-Schatz Stent. (Abstr), *Circulation*, 92: I-546 1995.
9. Pomerantsev EV, Stertzer SH, Metz J, Sanders WJ, Alderman EL, Fitzgerald PJ: On-line coronary lesion quantitation: Integrated quantitative coronary ultrasonic angiographic approach. *JACC* 27 [Suppl A]: 247 A, 1996.
10. Pomerantsev EV, Juergens CP, Gerckens U, Grube E, Oesterle SN, Stertzer SH: Angiographic predictors of restenosis after optimal coronary stent deployment. *Circulation* 96: 2641, 1997.
11. Pomerantsev EV, Juergens CP, Whitbourn RJ, Yeung AC, Oesterle SN, Stertzer SH: QCA comparison of J-and JIS, COOK FLEXSTENT, AVE micro Stent and ACS MULTILINK stents. *Journal of the American College of Cardiology*, 29:8015, 1997.
12. Pomerantsev EV, Juergens CP, Nee J, Yeung AC, Oesterle SN, Fitzgerald PJ, Stertzer SH: Interventional Device Sizing: On-line QCA vs. visual assessment. *Journal of the American College of Cardiology*, 29: 92811, 1997.
13. Hayase M, Kobayashi Y, Pomerantsev EV, Stertzer SH, Oesterle SN, Yeung AC: Larger error of visual estimation of balloon/vessel size leads to lower balloon-to-artery ratio in larger arteries contributes to poorer stent expansion: IVUS/QCA study. *Circulation* 96:433, 1997.
14. Juergens C, Pomerantsev EV, Herchenbach M, Grube E, Oesterle SN, Stertzer SH: Quantitative Angiographic Mechanics of the Treatment of In-stent Restenosis. (Abstr). Submitted to ACC, 1997.

15. Stertzer SH: Evaluation of *In-Vitro* Release of ³H-labeled QP-2 in Rabbit Iliac Arteries. 6th International Local Drug Delivery Meeting and Cardiovascular & Molecular Strategies. Geneva, Switzerland. January 27-29, 2000.
16. Rezaee M, Lo ST, Bailey L, Suzuki T, Lee DP, Yock PG, Fitzgerald PJ, Yeung AC, Stertzer SH: Intracardiac Venous System as a Novel Conduit for Local Drug Delivery. *Journal of the American College of Cardiology* 35:2 [Suppl A] 1020-112, 2000.
17. Grube E, Gerckens U, Oesterle S, Pomerantsev E, Pomerantsev I, Froix M, Eury R, Yeung A, Stertzer SH: Inhibition of In-Stent Restenosis by the Quanam Drug Delivery Polymer Stent, in Humans Followed for up to 8 Months. *Journal of the American College of Cardiology* 35:2 [Suppl A]1086-84, 2000.
18. Rezaee M, Altman P, Altman JD, Quertermous T, Yeung AC, Carter A, Stertzer SH: Feasibility Studies of Percutaneous Mammalian Cell Delivery for Local Myocardial Treatment. *Am J. Cardiol*: 86 (suppl 8A): 4i.
19. Rezaee M, Lorenz P, Altman J, Schwartz R, Carter A, Quertermous T, Stertzer S, Yeung A: Maximizing Effective Treatment Volume while Minimizing the Volume of Tissue Damaged in Percutaneous Mechanical Revascularization of Ischemic Myocardium. *Trans Vascular Therapeutics Conf*. Sept, 2000. Washington, DC.
20. Grube E, Gerckens U, Rowold S, Yeung AC, Stertzer SH: Inhibition of In-Stent Restenosis by a Drug Eluting Polymer Stent: Pilot Trial with 18 Month Follow-Up. *AHA Annual Meeting*. November 13, 2000. Atlanta, GA.
21. Grube E, Gerckens U, Oesterle S, Pomerantsev E, Pomerantsev I, Froix M, Eury R, Yeung A, Stertzer S: Inhibition of In-Stent Restenosis by the Quanam Delivery Polymer Stent, in Humans Followed for up to 8 Months. *Journal of the American College of Cardiology* Vol. 35 [suppl A] 34, 2000.
22. Honda Y, Grube E, de la Fuente LM, Yock PG, Fitzgerald PJ, Stertzer SH: A Novel Drug-Delivery Stent: Intravascular Ultrasound Observations From the First Human Experience With the QUANAM QuaDS-QP2 Stent System. *Journal of the American College of Cardiology*. Vol. 37 Number 2.[Suppl A] 14A, 2001.
23. Rezaee M, Yeung AC, Altman P, Suzuki T, Lubbe D, Schwartz RS, Stertzer SH, Altman JD: Percutaneous Intramyocardial Delivery is an Efficient Modality for Local Myocardial Treatment. *ACC 50th Annual Scientific Session*. March, 2001.
24. Rezaee M, Yeung AC, Altman P, Suzuki T, Lubbe D, Schwartz RS, Stertzer SH, Altman JD: Local Delivery Approaches for Angiogenesis and Restenosis.

Journal of the American College of Cardiology. Vol. 37 Number 2.[Suppl A] 43A, 2001.

25. Kataoka T, Honda Y, Yoshihiro M, Hur SH, Hauptmann KE, Stertzer SH, Yock PG, Lansky AJ, Grube E, Fitzgerald PJ: Polymer Sleeve-based 7-Hexanoyltaxol-Eluting Stent Implantation: A 3D IVUS Analysis Characterizing Neointimal Patterns. Trans-Catheter Therapeutics. (Presented-Washington, DC. 2002)
26. De la Fuente LM, Stertzer SH, Argentieri J, Penaloza E, Miano J, Koziner B, Bilos C, Altman PA: Six Month Follow-up after Transendocardial Autologous Fractionated Bone Marrow Shows Increased Ejection Fraction in Patients with Ventricular Dysfunction After Chronic Myocardial Infarction, an Open-Label, Non-Randomized, Single-Center Study (the TABMMI study). Percutaneous Endovascular Therapeutics, March 2006, Buenos Aires, Argentina.

PRESENTATIONS

1. Rezaee M, Lo S, Suzuki T, Lee DP, Yock PG, Fitzgerald PJ, Yeung AC, Stertzer SH, Carter AJ. Intracardiac Venous System as a Novel Conduit for Local Drug Delivery. ACC 49th Annual Scientific Session. March 12-15, 2000. Anaheim, CA.
2. Grube E, Gerkens U, Oesterle SN, Pomerantsev EV, Pomerantseva I, Froix M, Eury R, Yeung AC, Stertzer SH. Inhibition of In-Stent Restenosis by the Quanam Drug Delivery Polymer Stent, in Humans Followed for Up to Eight Months. ACC 49th Annual Scientific Session. March 12-15, 2000. Anaheim, CA.
3. Stertzer SH. The Role of Retrieval Atherectomy in Percutaneous Coronary Intervention. Grand Rounds, Massachusetts General Hospital, Harvard University Medical School. June 25, 2003. Boston, MA..
4. Stertzer SH. New Technologies, 2003. Japan Society for Interventional Cardiology. June 19, 2003. Tokyo, Japan.
5. Stertzer SH. Transmyocardial Stem Cell Implants in Patients with Coronary Heart Disease. Hospital Guemes, July 23, 2007. Buenos Aires, Argentina.

EDITORIALS

1. Stertzer SH: Transluminal Coronary Angioplasty - 1981: Investigative Technique or Established Procedure? Editorial, Arch Int Med 142(4):679-680, April 1982.
2. Stertzer SH: The Artery: Half full or half empty? Journal of Interventional Cardiology 16(4): 2003

INVITED LECTURES (Selected 6 out of over 86 presentations)

1. Simon Stertzer. Coronary and Pediatric Cardiological Intervention. Ignacio Chavez National Institute of Cardiology, Mexico City. 11/8/1996.
2. Simon Stertzer. Interventional Cardiology at the Millennium. Scientific Meetings sponsored by Faculty of Medicine, University Institute of Health Sciences of the H. A. Barcelo Foundation, Argentina. At this meeting the degree of "Doctor Honoris Causa" was conferred on Dr. Stertzer. 6/3/1999
3. Simon Stertzer. Cardiovascular Medicine at the Millennium. Peter A. Bing Lecture. Century Plaza Hotel, Los Angeles, CA. 1/19/2000.
4. Carter A, Cooke J, Fitzgerald P, Quertermous T, Stertzer SH, Swain J, Yeung A, Yock P. Experts Forum in Bio-Interventional Cardiology. Organized by Stanford Medical Device Network. San Francisco, CA, 2/18/2000.
5. Stem Cell Therapy for Ischemic Cardiomyopathy; Grand Rounds Massachusetts General Hospital, Harvard Medical School, Boston, MA, 2/24/2003.
6. Clinical Applications of Cellular Therapies Applied to Cardiovascular Diseases; Maimonides University, Representatives of the Argentinean National Congress, Buenos Aires, Argentina, 6/23-24/2011.
7. Stem Cell Therapy for Cardiovascular Disease; Stanford China Symposium; Stanford University Medical Center, Stanford, CA, 9/15/2017.

PATENTS ISSUED:

1. Ademovic; Martin K., Hidalgo; Ben, Crew; John, Stertzer; Simon H., 1991. Atherectomy device with helical cutter. US Patent No. 5,074,841. Filed January 30, 1990, and issued December 24, 1991.
2. Phan; Loc, Froix; Michael, Stertzer; Simon, Intravascular stent, 1997. US Patent No. 5,603,722. Filed June 6, 1995, and issued February 18, 1997.
3. Phan; Loc, Stertzer; Simon, Froix; Michael. Endoprosthetic device with therapeutic compound, 1997. US Patent No. 5,674,242. Filed November 15, 1996, and issued October 7, 1997.
4. Phan; Loc, Stertzer; Simon, Froix; Michael, Intravascular stent, 1999. US Patent No. 5,954,744. Filed June 26, 1997, and issued September 21, 1999.
5. Altman; Peter A., Altman; John D., Stertzer; Simon, 2002. Drug delivery catheters that attach to tissue and methods for their use. US Patent No. 6,416,510. Filed October 13, 1999, and issued July 9, 2002.

6. Rosenman; Daniel, Kayser; Daniel, Keleher; Michael, Fravala; Nick, Cook; Richard, Tale; Mark, Arko; Frank, Stertzler; Simon, Altman; Peter A., 2008. Steerable guide catheters and methods for their use. US Patent No. 7,402,151. Filed December 17, 2004, and issued July 22, 2008.
7. Altman; Peter A., Altman; John D., Stertzler; Simon, 2011. Drug Delivery Catheters that attach and methods for their use. US Patent No. 8,027,740. Filed July 5, 2001, and issued September 27, 2011.
8. de la Fuente; Luis M., Stertzler; Simon H, Argentieri; Julio, Penaloza; Eduardo, Altman; Peter A., 2013. Treatment for chronic myocardial infarction. US Patent No. 8,496,926. Filed April 16, 2007, and issued July 30, 2013.
9. Rosenman; Daniel, Kayser; Daniel, Keleher; Michael, Fravala; Nick, Cook; Richard, Tale; Mark, Arko; Frank, Stertzler; Simon, Altman; Peter A., 2015. Steerable guide catheters and Methods for Their Use. US Patent No. 8,939,960. Filed July 22, 2008, and issued January 27, 2015.
10. Rosenman; Daniel C., Kayser; Daniel, Keleher; Michael, Fravala; Nick, Cook; Richard, Tale; Mark, Arko; Frank, Stertzler; Simon, Altman; Peter A., 2015. Method of accessing a carotid artery of a patient. US Patent No. 9,011,373. Filed August 13, 2013, and issued April 21, 2015.
11. Rosenman; Daniel C., Kayser; Daniel, Keleher; Michael, Fravala; Nick, Cook; Richard, Tale; Mark, Arko; Frank, Stertzler; Simon, Altman; Peter A., 2015. Method of implanting a PFO occluder in a patient. US Patent No. 9,017,284. Filed August 13, 2013, and issued April 28, 2015.
12. Rosenman; Daniel C., Kayser; Daniel, Keleher; Michael, Fravala; Nick, Cook; Richard, Tale; Mark, Arko; Frank, Stertzler; Simon, Altman; Peter A., 2015. Method of accessing a renal artery of a patient. US Patent No. 9,022,977. Filed June 11, 2013, and issued May 5, 2015.
13. Rosenman; Daniel C., Kayser; Daniel, Keleher; Michael, Fravala; Nick, Cook; Richard, Tale; Mark, Arko; Frank, Stertzler; Simon, Altman; Peter A., 2015. Method of accessing a contralateral femoral artery of a patient. US Patent No. 9,078,994. Filed August 13, 2013, and issued July 14, 2015.
14. de la Fuente; Luis M., Stertzler; Simon H., Argentieri; Julio, Penaloza; Eduardo, Altman; Peter A., 2016. Treatment for chronic myocardial infarct. US Patent No. 9,504,642. Filed July 30, 2013, and issued November 29, 2016.
15. de la Fuente; Luis M., Stertzler; Simon H., Argentieri; Julio, Penaloza; Eduardo, Altman; Peter A., 2016. Treatment for chronic myocardial infarct. US Patent No. 9,517,199. Filed February 24, 2015, and issued December 13, 2016.