

Curriculum Vitae

John B. Simpson, PhD, MD

Degree and Training:

1963-1967	B.S., Ohio State University, Columbus, Ohio
1967-1969	M.S., University of Texas, Houston, Texas
1969-1971	Ph.D., University of Texas, Houston, Texas
1971-1973	M.D., Duke University School of Medicine, Durham, North Carolina
1973-1975	Medical Internship and Residency, Duke University, Durham, North Carolina
1976-1978	Fellow in Cardiology, Stanford University, School of Medicine, Stanford, California

Honors:

09/10/87	Andres Gruentzig Award, European Cardiology Society Santiago de Compostela, Spain
11/15/19	Duke Alumni Award Durham, North Carolina
2003	Lifetime Achievement Award Transcatheter Cardiovascular Therapeutics Conference
10/26/05	Lifetime Achievement Award Cardiovascular Institute of the South
06/03/08	Ernst & Young – Master Entrepreneur Award
09/23/15	The Jean-Kunlin Medal The German Vascular Society Outstanding Inventor and Innovator of Vascular Medicine
02/15/19	The Russ Prize, National Academy of Engineering Ohio State University

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Staff Positions.

1970 - 1971	Instructor in Physiology, Graduate School of Biomedical Science, Houston, Texas
1975 - 1976	Associate in Medicine, Duke University School of Medicine, Durham, North Carolina
1975 - 1976	Consultant in Medicine, North Carolina Area Health Education Commission, Fayetteville, North Carolina
1978 - 1982	Physician Specialist/Clinical Assistant Professor of Medicine, Division of Cardiology, Stanford University School of Medicine, Stanford, California
1979 - 1981	Associate Director, Cardiac Catheterization Laboratory, Division of Cardiology, Stanford University School of Medicine, Stanford, California
1981 - present	Staff Cardiologist, Sequoia Hospital, Redwood City, California
1984 - present	Assistant Consulting Professor of Medicine, Duke University School of Medicine, Durham, North Carolina
1984- 1988	Assistant Clinical Professor of Medicine, Stanford University School of Medicine, Stanford, California

Committees

- National Heart, Lung and Blood Institute Executive Committee for Percutaneous Transluminal Coronary Angioplasty
- Committee to Study Scientific Evidence Relevant to Mandatory Age Retirement for Airline Pilots, National Academy of Sciences
- The Medical Committee on the Use of Human Subjects in Research, Stanford University School of Medicine

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Societies

- American Association for the Advancement of Science
- Santa Clara County Medical Society
- Bay Area Heart Association
- American College of Physicians
- American College of Cardiology, Fellow

Board Certification

- American Board of Internal Medicine - Diplomate: September 13, 1978
- Board of Cardiovascular Diseases: June 20, 1979

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2. Fetal allograft: Maternal cellular immune response to paternal fetal antigens. Doctoral dissertation. Houston, Texas. University of Texas Graduate School of Biomedical Sciences, 1971.
3. Harrison DC, Mason JW, **Simpson JB**. Studies of the cardiac electrophysiologic and antiarrhythmic effects of acebutolol and its major metabolite. *Excerpta Med*, 1979.
4. **Simpson JB**, Baim DS, Robert EW, Harrison DC. A new catheter system for percutaneous transluminal coronary angioplasty. *Am J Cardiol* 49(5):1216-1222, 1982.
5. Block PC, Cowley MJ, Kaltenbach M, Kent KM, **Simpson JB**. Percutaneous angioplasty of stenoses of bypass grafts or of bypass graft anastomotic sites. Accepted for publication to the *Am J Cardiol*, Nov 1983.
6. McAuley BJ, Oesterle SN, **Simpson JB**. Advances in guidewire technology. *Am J Cardiol* 53:94C-96C, 1984.
7. Oesterle SN, McAuley B, Buchbinder M, **Simpson JB**. Angioplasty at coronary bifurcations: single guide, two wire technique. *Cath & Cardiovasc Diag* 12:57-63, 1986.

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8. Hinohara T, **Simpson JB**, Phillips HR, Behar VS, Peter RH, Kong Y, Carlson EB, Stack RS. Transluminal catheter reperfusion: a new technique to reestablish blood flow following coronary occlusion during PTCA. *Am J Cardiol* 57:684-86, 1986.
9. Ferguson TB, Hinohara T, **Simpson J**, Stack RS, Wechsler AS. Catheter reperfusion to allow optimal coronary bypass grafting following failed transluminal coronary angioplasty. *Ann Thor Surg* 42:399-405, 1986.
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11. **Simpson JB**. "Future Interventional Techniques". Acute Coronary Care in the Thrombolytic Era. Eds. Robert M. Califf, Daniel B. Mark, Galen S. Wagner. Yearbook Medical Publishers, Chicago, 1988, pp.392-404.
12. Hinohara T, **Simpson JB**, Phillips HR, Stack RS. Transluminal intra-coronary reperfusion catheter: a device to maintain coronary perfusion between failed coronary angioplasty and emergency coronary bypass surgery. *J Am Coll Cardiol* 11:977-82, 1988.
13. Hofling B, Polnitz AV, Backa D, Arnim TV, Lauterjung L, Jauch KW, **Simpson JB**. Percutaneous removal of atheromatous plaques in peripheral arteries. *The Lancet*, Feb 1988, pp. 384-386.
14. **Simpson JB**, Selmon MR, Robertson GC, Cipriano PR, Hayden WG, Johnson DE, Fogarty TJ. Transluminal atherectomy for occlusive peripheral vascular disease. *Am J Cardiol* 61:96G-101G, 1988.
15. Robertson GC, Hinohara T, Selmon MR, Johnson DE, Braden LJ, **Simpson JB**. "Early experience with directional coronary atherectomy". Interventional Cardiology. Ed. Bernhard Meier, 1989.
16. Hofling B, Polnitz AV, Bauriedel G, Backa D, Lauterjung L, **Simpson JB**. Use of angioscopy to assess the results of percutaneous atherectomy. *Am J of Cardiac Imaging* 3:20-26, 1989.
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18. **Simpson JB**. "Percutaneous transluminal atherectomy of the peripheral and coronary arteries". Eds. B. Hofling and AV Polnitz. Interventional Cardiology

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California Medical License G33266 - expires 02/29/2016

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8. Hinohara T, **Simpson JB**, Phillips HR, Behar VS, Peter RH, Kong Y, Carlson EB, Stack RS. Transluminal catheter reperfusion: a new technique to reestablish blood flow following coronary occlusion during PICA. *Am J Cardiol* 57:684-86, 1986.
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ABSTRACTS:

1. **Simpson JB**, Robert EW, Billingham ME, Myler RM, Harrison DC. Coronary transluminal angioplasty in human cadaver hearts. Presented: American Heart Association Meeting, November, 1978. *Circulation* 50, 58, suppl 11-174, 1978.
2. Robert EW, **Simpson JB**, Harrison DC. Coronary percutaneous transluminal angioplasty in a canine model. Presented: American Heart Association Meeting November, 1978. *Circulation* 57, 58, suppl 11-174, 1978.
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4. **Simpson JB**, Robert EW, Harrison DC. Angiographic-pathologic correlations in coronary angioplasty. Presented: American Heart Association Meeting, May, 1980. *Circulation* 111-219, October, 1980.
5. Kent K, Banka V, Bentivoglio L, Block P, Cowley M, Diamond G, Dorros G, Ellestad M, Faxon D, Diedotin A, Goldberg S, Greuntzig A, Hamby R, Hirsfeld J, Kaltenbach M, Lach R, Leatherman L, Lee G, Meyer J, Myler R, Ockene I, Robert E, Rosing D, **Simpson J**, Sosa J, Spring D, Stertzer S, Vlietstra R, Walton J, Williams D, Fisher L, Mullins S, Mock M. Percutaneous transluminal coronary angioplasty (PTCA): Update from NHLBI Registry. Presented: American Heart Association Meeting, May, 1980.
6. Baim D, Tothman MT, Harrison DC, **Simpson JB**. The hemodynamic consequences of percutaneous transluminal coronary angioplasty. Presented: American Heart Association Meeting, May, 1980.
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8. Dorros G, Cowley M, **Simpson J**. National Heart, Lung and Blood Institute Registry report of complications of percutaneous transluminal coronary angioplasty. American College of Cardiology presentation, San Francisco, March, 1981.
9. **Simpson JB**. Basic Research. Presented at Symposium on Coronary Intervention in Ischemic Syndromes, Stanford University, Stanford, California, March 13-14, 1981.

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