

CURRICULUM VITAE

PERSONAL INFORMATION

Name: John McBarron Hodgson, M.D.

Date and Place of Birth: June 22, 1953, San Diego, California

Spouse: Dinah Lee Hodgson, R.N.

Children: Matthew David, son, 11/3/82
Christopher Aaron, son, 12/2/85
Caitlin Elizabeth, daughter, 3/23/90

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EDUCATION

Dartmouth College, Hanover, New Hampshire: 1971-1975 - Awarded A.B. Degree, Magna Cum Laude

Dartmouth Medical School, Hanover, New Hampshire: 1975-1978 - Awarded M.D. Degree with Honors

POST GRADUATE TRAINING

Internship - Upstate Medical Center, Syracuse, New York - Internal Medicine 1978-1979

Residency - University of Michigan Hospitals, Ann Arbor, Michigan -Internal Medicine 1980-1982

Fellowship - University of Michigan Hospitals, Ann Arbor, Michigan – Cardiology 1982-1984

Invasive Cardiology Research Fellowship - Rhode Island Hospital, Brown University, Providence, Rhode Island 1984-1985

LICENSURE and ACADEMIC BOARDS

State of Ohio, 1989-2006 (#35058413)

State of Arizona, 2004-current (#32892)

Diplomat, National Board of Medical Examiners, 1979

Diplomat, American Board of Internal Medicine, 1982

Diplomat, American Board of Internal Medicine – Cardiovascular medicine, 1985

Diplomat, American Board of Internal Medicine – Added qualification in interventional cardiology, 1999

PROFESSIONAL MEMBERSHIPS

Member, Alpha Omega Alpha Medical Honor Society

Fellow, American College of Cardiology

Fellow, Council on Circulation, American Heart Association

Fellow, Society for Cardiovascular Angiography and Interventions

Founding Member, Society for Cardiovascular Computed Tomography

HONORS AND AWARDS

Elected to AOA in junior year medical school- 1977

PROFESSIONAL SERVICE

Reviewer: American Journal of Cardiology
 American Heart Journal
 Journal of the American College of Cardiology
 Circulation
 Catheterization and Cardiovascular Interventions
 European Heart Journal

Editorial Board: Catheterization and Cardiovascular Interventions, 1995-Present
 First Consult (Cardiovascular section Senior Editor), 2000-present

Appointments: Governor, Society for Cardiac Angiography and Interventions, 1995-2003
 Chairman, Training Standards Committee, Society for Cardiac Angiography and Interventions, 1997- present
 Trustee, Society for Cardiac Angiography and Interventions, 1997-2004
 Secretary, Society for Cardiac Angiography and Interventions, 2001-2002
 Member, Task Force on Core Cardiology Training Symposium (COCATS), American College of Cardiology, 2002.
 President, Society for Cardiac Angiography and Interventions, 2003-2004
 Member, Task Force on Interventional meeting planning. American College of Cardiology, 2004
 Member, Writing Group for CT/MR Clinical Competency Statement, American College of Cardiology, 2005.
 Chair, Ad Hoc Committee on Cardiac CT, Society for Cardiac Angiography and Interventions, 2005-present

COMMITTEES AND POSITIONS HELD

CWRU Institutional Animal Care and Use Committee; 1991 - 1996
 University Hospitals PPO Care Plan Committee; 1989-1990
 CWRU Animal Use Committee: 1992-1996
 Cardiac Fellowship review committee. MetroHealth, 1998-present
 Executive steering committee, Heart and vascular Center, MetroHealth; 1999-present
 President's ad Hoc committee on bed utilization. MetroHealth, 1999.
 Laser Committee, MetroHealth, 1999-present
 CWRU Dean's Committee for Clinical Skills and Simulation Center, 2002- 2004
 MetroHealth Leadership Institute, 2002
 Institutional Review Board, St. Joseph's Hospital and Medical Center, 2005-present
 Chair, Research Committee, St. Joseph's Hospital and Medical Center, 2005-present

Positions held:

1975-1978: Director, Hanover Athletic Performance Laboratory
 1985-1989: Director, Cardiac Catheterization Laboratory, McGuire VAMC
 1985-1989: Consultant, Clinical Development Site - ADAC Laboratories, Milpitas, CA
 1987-1995: Consultant, USCI Division, Billerica, MA
 1987-1994: Clinical Advisory Board, ACS, Temecula, CA
 1987- present: Scientific Advisory Board, Volcano Therapeutics, Sacramento, CA
 1989-95 Consultant, General Electric Medical Systems, Milwaukee, MN
 1989-90 Consultant, Medilase, Minneapolis, Minn.
 1989-91 Director, Cardiac Catheterization Laboratory, Wade Park VAMC
 1989-94 Director, Cardiac Catheterization Laboratories, University Hospitals of Cleveland.
 1995-1998: Consultant, Cordis Corporation, a Johnson & Johnson Company
 1997-1999 Director, Cardiac Catheterization Laboratories, MetroHealth Medical Center
 1999-2004 Director, Invasive Cardiology Section, MetroHealth Medical Center
 2004- present Chief, Division of Academic Cardiology, St. Joseph's Hospital and Medical Center
 2005-present Director Adult Cardiac Catheterization Laboratories. St. Joseph's Hospital and Medical Center
 2005-present Medical Director, Cardiovascular Product Line. St. Joseph's Hospital and Medical Center
 2005 Vice Chair, Department of Cardiology. St. Joseph's Hospital and Medical Center

TEACHING ACTIVITIES AND ACADEMIC AFFILIATIONS

Appointments

University of Michigan Medical School: Assistant Clinical Instructor 1979-1983
 Medical College of Virginia: Assistant Professor of Medicine 1985-1989
 Case Western Reserve University: Associate Professor of Medicine 1989 -
 2004
 Case Western Reserve University: Tenure, 1994 – present
 Case Western Reserve University: Professor of Medicine, 2004-present

Medical School (excludes '96-'97 while on sabbatical; includes only CWRU activities)

2003 Research Elective Mentor (Dardas '03) 100 hours
 1989-2003 Type B elective (Cardiology Consults); 3-5 students/session; 160
 hours/yr
 1989-2003 Core Clerkship (CICU, Telemetry); 1-2 students/year; 80 hour/yr
 1989-2003 Electrocardiographic interpretation; 3-4 students/session; 2-3
 sessions/mo; 24-36 hour/yr
 1991 Core teaching (Homeostasis I) 4 hours

Graduate Residency Training

1989-2003 Attending inpatient (CICU, Telemetry) ; 400 hr/yr
 1989-2003 Attending inpatient (consult service); 200 hr/yr
 1989-2003 Attending outpatient (clinic); 80 hr/yr
 1998-2003 Special core curriculum lectures; 15 hr/yr
 1989-2003 Other: supervision of residents in cath lab; 1000 hr/yr

Graduate and Undergraduate student teaching

1993-1995 Thesis advisor/mentor; Dhawale; 150 hr/year
 2001-2002 Lecture PHOL 514; 4-10 students/yr; 6 hr/yr
 1995-1998 Research Mentor; Mueller; '95-'96 200 hr/yr; '96-'98 25 hr/yr
 1998 Research Mentor; Usegi; 50 hr
 1999-2001 Research Mentor; Takayama; 150 hr/yr

Regional Teaching

1989-2005 Lay presentation on Cardiology topics; 1-2/yr
 1989-2005 Cardiology Grand rounds; approx 8

National Teaching

1989-2005 Invited guest lecturer at multiple academic centers
 1989-2005 Invited lecturer at multiple ACC, AHA, SCAI scientific sessions
 1995-2005 Course director IVUS and Functional measurement training
 seminars; 6-8 year.

International Teaching

1990-2005 Invited guest lecturer at multiple international meetings,
 congresses

1997-2001 designed, edited and produced two enduring CME activities (CDROMs) on IVUS and Functional Measures
 2004-2005 designed and launched web-based teaching sites for IVUS, FFR and CT

Invited Lectures (partial listing)

Hurley Medical Center 8/83: Mitral Valve Prolapse
 Flint Osteopathic Hospital 9/83: Mitral Valve Prolapse
 University of Rochester 10/84: Coronary Flow Reserve
 ADAC Users Meeting 6/85: Digital Angiography
 ADAC Users Meeting 11/86: Physiologic Monitoring
 Cardiology Update (MCV) 5/87: Coronary Flow Reserve
 ACS Clinical Update, Nashville 6/87: Complex Coronary Angioplasty
 ACS Clinical Update, Charlotte 4/87: Interventional Techniques
 ACS Clinical Update, Virginia Beach 5/88: Coronary Angioplasty
 8th International Symposium on Echocardiography, Erasmus, Netherlands 5/89:
 Intracoronary Ultrasound Imaging
 AAMI National Meeting 5/89: Intravascular Ultrasound Imaging
 ACS Clinical Advisory Board Meeting 6/89: Intracoronary Ultrasound Imaging
 Tufts Symposium on Intravascular Imaging of Coronary Arteries Using High Frequency
 Ultrasound and Fiberoptic Angioscopy: 11/11/89 Intravascular Ultrasound
 St. Elizabeth's Hospital Dept. of Medicine Cardiovascular Seminar 11/21/89: Phased Array
 Intravascular Ultrasound
 ACS Clinical Update: Importance of Angiographic Views in PTCA; Cleveland 12/6/89.
 Medical Grand Rounds: Angioplasty, An Eye to the Future; Case Western Reserve
 University, 1/27/90
 American College of Cardiology: Advances in Diagnostic and Therapeutic Cardiac
 Catheterization, 2/18/90, Orlando, Florida
 William Beaumont Hospital Division of Cardiology Grand Rounds 3/6/90: Intravascular
 Ultrasound.
 Society for Angiography and Interventions National Meeting: Intravascular Ultrasound,
 Colorado Springs, CO, 6/90
 ACS Advisory Board: Intravascular Ultrasound, Colorado Springs, CO, 6/90
 ACC Heart House 10/3/90: Intravascular Ultrasound
 Transcatheter Coronary Therapeutics: ICUS Demonstration, 12/6/90, Washington
 Tufts Ultrasound Symposium, New Orleans, LA, 3/3/91
 Japan Chapter Chest Physicians, Intracoronary Ultrasound Tokyo, 3/9/91
 IVUS Study Group of Japan Ultrasound Seminar: Intracoronary Ultrasound, Tokyo, Japan,
 4/7/91
 Republic of China Society of Cardiology: Intracoronary Ultrasound, Taipei, Taiwan, 5/91
 University Hospitals Cardiology Seminar: Tegusegalpa Honduras: 8/91.
 Transcatheter Coronary Therapeutics: "Intravascular Ultrasound", Washington, D.C.,
 1/10/92.
 Intravascular Ultrasound Symposium, National Hospital, Beijing, China, 4/92.
 AHA Scientific Sessions. Meet the Experts invited lecture, Intravascular Ultrasound,
 11/18/92.
 Grand Rounds, University of Virginia, 12/8/92.
 Grand Rounds, Rhode Island Hospital, 1/8/93.

Transcatheter Coronary Therapeutics, "Intravascular Ultrasound", Washington, D.C.,
1/14/93.

Fourth Symposium on Intravascular Ultrasound, Tokyo, Japan, 4/11/93.

Society for Cardiac Angiography and Interventions, San Antonio, Texas, 5/18/93.

New Devices Workshop, Orlando, FLA 7/1/93.

Beyond Balloons, Atlanta, Georgia 11/93

Transcatheter Coronary Therapeutics, Washington, D.C., 2/94

New Jersey Society of Interventional Cardiologists, Newark, N.J., 12/94

Transcatheter Coronary Therapeutics, Washington, D.C., 2/95

International Intravascular Ultrasound Course, Edinburgh, Scotland, 4/95

Society for Cardiac Angiography and Interventions, Orlando, Fla., 5/95

First Annual International Meeting of Interventional Cardiology, Jerusalem, 6/95

Beyond Angiography III, Anaheim, Ca. 11-95

AHA Symposium on ICUS, Anaheim, Ca. 11-95

IVUS for the Interventionalist, Stanford, Ca. 1-96

Transcatheter Coronary Therapeutics IV, Washington, D.C. 2-96

SCAI Scientific Sessions, Colorado Springs, Co. 5-96

Optimizing Stent Results, Birmingham, England, 8-96

Mayo-Mainz-Essen Ultrasound Symposium, Essen, Germany, 10-96

Beyond Angiography IV, New Orleans, La. 11-96

APIC Scientific Sessions, Madras, India, 12-96

Use of Focal Balloon Technology: ACC, Anaheim California 3-97

2nd International Meeting of Interventional Cardiology, Jerusalem, 6-97

TCT IX, Washington, DC, 9-97

University of Louisville, Louisville, Ky, 6-98

Multiple events since 1998 have not been systematically recorded.

RESEARCH SUPPORT (does not include funded patient (clinical) research trials in which JMcBH participated but was not the study PI)

- 1983 E Lilly & Co. – \$90,000 for a double blind controlled study of outpatient Dobutamine infusion. University of Michigan. Effort 30%.
- 1984 E Lilly & Co. - \$340,000 for a multicenter, double blind controlled study of outpatient Dobutamine infusion. University of Michigan effort 15%.
- 1985 Medical College of Virginia - \$6,000 for study of collateral blood flow. McGuire VAMC. 25% effort.
- 1985 Veterans Administration – Research Advisory Group \$28,000 for evaluation of intracoronary reflexes in pigs. McGuire VAMC. 25% effort.
- 1986 Veterans Administration – Program Project Grant \$258,000 for evaluation of coronary blood flow in transplant recipients. McGuire VAMC. 15% effort.
- 1985-1990 USCI, Billerica, Mass >\$150,000 for animal projects related to new device development. McGuire VAMC. 25% effort.
- 1989 Case Western Reserve University – Research Initiation Grant \$5,000 for evaluation of pharmacologic restenosis prevention via perfusion balloons.

- University Hospitals of Cleveland. 10% effort.
- 1989-1995 Endosonics, Ranch Cordova, Ca - >\$200,000 for evaluation of new IVUS and Physiology devices in animals and humans. Contract work done at McGuire VAMC and University Hospitals of Cleveland. 15% effort.
- 1990 AHA-NE Ohio affiliate - \$21,435 supporting Fellow K. Reddy, MD "Vasoreactivity in minimal coronary disease" University Hospitals of Cleveland
- 1993 SCA&I-Bracco Imaging fellowship - \$25,000 for the study of IVUS in patients. supporting Fellow Kaiser Rasheed, M.D. University Hospitals of Cleveland. 5% effort.
- 1995 Cordis Corporation, Miami, Fla. - \$250,000 for the SIPS trial of IVUS guided interventions. Herzcentrum, Bad Krozengen, Germany 75% effort.
- 1995 Cordis Corporation and Endosonics- \$90,000 for the development of an IVUS laboratory at Herzcentrum, Bad Krozengen, Germany. 25% effort.
- 1996 Cordis Corporation - \$150,000 for the development of IVUS training tools. 80% effort. Technology Solutions Group
- 1996 Sci Med Corporation, Fukuda Corporation, JJIS-KK Japan – aggregate \$100,000 for the development of IVUS training tools. 80% effort. Technology Solutions Group
- 1997 SBIR, Phase 1- \$100,000 "Quantitative Volumetric Intravascular Ultrasound" (R43 HL 59071-01) 20% effort. Technology Solutions Group.
- 1998 Endosonics - \$85,000 for the development of Physiology training tools. 25% effort. Technology Solutions Group
- 1999 General Electric, Merck and Co - \$65,000 for the development of a multimedia training center. 5% effort. MetroHealth Medical Center
- 2001 JOMED: Evaluation of Pressure wire in Unstable Angina Direct \$60,000 indirect \$0 5% effort. MetroHealth Medical Center
- 2001 JOMED: Barricade Covered Stent Trial: Direct \$4771, Indirect \$3690, Salary \$9989 5% effort. MetroHealth Medical Center. Ongoing as of 3-2003.
- 2001 King Pharma: MRE 0470 Phase two investigations: Direct \$40470, Indirect \$8523, Salary \$34750 5% effort. MetroHealth Medical Center.
- 2001 Acumetrics: Trial of Ultegra. Direct \$2500 Indirect \$500, Salary \$1500 Effort 1% . MetroHealth Medical Center
- 2002 King Pharma: MRE Reversal. Direct \$26017, Indirect\$ 6430, effort 1%
- 2003 Bristol Myers Squibb: BMS 068645. Direct: \$72,720, Indirect:\$46,650, effort: 1%

2003 Pfizer IVUS A5091005. Direct:\$66,782. Indirect:\$41,010., effort: 2%.

2004 Lilly. TIMI 38. Effort 2% ongoing

PUBLICATIONS

1. Hodgson JMcB: A physiologic approach to sports medicine. Dartmouth Medical School Alumni Magazine 1978; Spring: 9-37.
2. Hodgson JMcB, Aja M, Sorkin R: Intermittent ambulatory dobutamine infusions: Use in a patient awaiting cardiac transplantation. Am J Cardiology 53:375, 1984.
3. LeGrand V, Aueron FM, Bates ER, O'Neill WW, Hodgson JMcB, Mancini GBJ, Vogel RA: Reversibility of coronary collaterals and alteration in regional coronary flow reserve following successful angioplasty. Am J Cardiol 54:453-4, 1984.
4. Hodgson JMcB, O'Neill WW, Laufer NL, Bourdillion PDV, Walton JA, Jr, Pitt B: Assessment of potentially salvageable myocardium during acute myocardial infarction: Use of post extrasystolic potentiation. Am J Cardiol 54:1237-44, 1984.
5. Hodgson JMcB, LeGrand V, Bates E, Mancini GBJ, Aueron FM, O'Neill WW, Simon SB, Beauman GJ, LeFree MT, Vogel RA: Validation in dogs of a rapid digital angiographic technique to measure relative coronary blood flow during routine cardiac catheterization. Am J Cardiol 55: 188-193, 1985.
6. Hodgson JMcB, Mancini GBJ: The relationship between coronary flow, reactive hyperemia and regional dysfunction induced by dopamine infusion in dogs: Limitation in detecting subcritical coronary stenosis. J Am Coll Cardiol 5:664-71, 1985.
7. Hodgson JMcB, Mancini GBJ: Relation between graded, subcritical impairments of coronary flow reserve and regional myocardial dysfunction induced by atrial pacing in dogs. JACC 5:1116-24, 1985.
8. Hodgson JMcB, Mancini GBJ, LeGrand V, Vogel RA: Characterization of changes in coronary blood flow during the first six seconds after intracoronary contrast injection. Invest Radiol 20:246-252, 1985.
9. Mancini GBJ, Hodgson JMcB, LeGrand W, Bates ER, Aueron FM, LeFree MT, Smith JS, Beauman GJ, Vogel RA: Quantitative assessment of global and regional left ventricular function with low dose digital subtraction ventriculography. Chest 87:598-602, 1985.
10. Hodgson JMcB, Singh AK, Drew TM, Riley RS, Williams DO: The coronary flow reserve provided by sequential internal mammary artery grafts. J Am Coll Cardiol 7:32-37, 1986.
11. Bates ER, Aueron FM, LeGrand V, LeFree MT, Mancini GBJ, Hodgson JMcB,

- Vogel RA: Comparative long-term effects of coronary artery bypass graft surgery and percutaneous transluminal coronary angioplasty on regional coronary flow reserve. *Circulation* 72:833-839, 1985.
12. LeGrand V, Hodgson JMcB, Bates ER, Aueron FM, Mancini GBJ, Smith JS, Gross MD, Vogel RA: Abnormal coronary flow reserve and abnormal radionuclide exercise tests in patients with normal coronary angiograms. *J Am Coll Cardiol* 6:1245-53, 1985.
 13. Hodgson JMcB, Reinert S, Most AS, Williams DO: Prediction of long-term clinical outcome with final translesion pressure gradient during coronary angioplasty. *Circulation* 74:563-566, 1986.
 14. Krell MJ, Kline EM, Bates ER, Hodgson JMcB, Dilworth LR, Laufer N, Vogel RA, Pitt B: Intermittent ambulatory dobutamine infusion in patients with severe congestive heart failure. *Am Heart J*, 112:787-791, 1986.
 15. LeGrand V, Aueron FM, Bates ER, O'Neill WW, Hodgson JMcB, Mancini GBJ, Vogel RA: Value of exercise radionuclide ventriculography and thallium-201 scintigraphy in evaluating successful coronary angioplasty. Comparison with coronary flow reserve, translesional gradient and percent diameter stenosis. *Eur Heart J*, 8:329-339, 1987.
 16. LeGrand V, Mancini GBJ, Bates ER, Hodgson JMcB, Gross MD, Vogel RA: Comparative study of coronary flow reserve, coronary anatomy and results of radionuclide exercise tests in patients with coronary artery disease. *J Am Coll Cardiol*, 8:1022-32, 1986.
 17. Hodgson JMcB, Williams, DO: Superiority of intracoronary papaverine to radiographic contrast for measuring coronary flow reserve in patients with ischemic heart disease. *Am Heart J*, 114:704-710, 1987.
 18. Hodgson JMcB, Riley RS, Most AS, Williams DO: Assessment of coronary flow reserve utilizing digital angiography before and after successful percutaneous transluminal coronary angioplasty. *Am J Cardiol* 60:61-65, 1987.
 19. Hodgson JMcB, Cohen MD, Szentpetry S, Thames MD: Effects of regional alpha and beta blockade on resting and hyperemic coronary blood flow in conscious, unstressed humans. *Circulation* 79:797-809, 1989.
 20. Hodgson JMcB, Marshall JJ: Direct vasoconstriction and endothelium dependent vasodilation: Mechanisms of acetylcholine effects on coronary flow and arterial diameter in patients with non-stenotic coronaries. *Circulation* 79:1043-1051, 1989.
 21. Hodgson JMcB, Graham SP, Savakus AD, et. al.: Clinical percutaneous imaging of coronary anatomy using an over-the-wire ultrasound catheter system. *Intl J of Cardiac Imaging* 4:187-193, 1989.
 22. Hodgson JMcB: Catheter-based intravascular ultrasound imaging. *Cardio*, November: 99-140, 1989.

23. Arrowood JA, Mohanty PK, Hodgson JMcB, Szentpetry S, Thames MD: Ventricular sensory endings mediate reflex bradycardia during coronary arteriography in humans. *Circulation* 80: 1293-1300, 1989.
24. Graham SP, Cohen MD, Hodgson JMcB: Comparison of digital and Doppler techniques to measure coronary flow reserve. *Cath and Cardiovas Diag* 19:214-221, 1990.
25. Hodgson JMcB, Graham SP, Sheehan H, Savakus AD: Percutaneous intracoronary ultrasound imaging: Initial applications in patients. *Echocardiography* 7: 403-413, 1990.
26. Hodgson JMcB, Graham SP, Sheehan H: Percutaneous intravascular ultrasound imaging: Validation of a real time synthetic aperture array catheter. *Am J Cardiac Imag* 5: 65-71, 1991.
27. Topaz O, Mackall JA, Nair R, Thames MD, Hodgson JMcB: Anomalous septal perforator artery: A source for supportive circulation in severe coronary artery disease. *Angiology* 43:501-505, 1992.
28. Cacchione JG, Reddy K, Richards M, Sheehan H, Hodgson JMcB: Combined intravascular ultrasound/angioplasty balloon catheter: Initial use during PTCA. *Cath and CV Diag* 24:99-101, 1991.
29. Suneja R, Hodgson JMcB: Imaging in the catheterization laboratory. *Cur Opin Cardiol* 6:978-984, 1991.
30. Hodgson JMcB, Reddy KG, Suneja R, Nair RN, Lesnefsky EJ, Sheehan HM: Intracoronary ultrasound imaging: Correlation of plaque morphology with angiography, clinical syndrome, and procedural results in patients undergoing coronary angioplasty. *J Am Coll Cardiol* 21:35-44, 1993.
31. Dhawale PJ, Griffin N, Wilson DL, Hodgson JMcB: Calibrated 3-D reconstruction of intracoronary ultrasound images with cardiac gating and catheter motion compensation. In: *Comp in Cardiol*, Published by: IEEE Comp Soc Press, Los Alamitos, CA, pp 31-34, 1992.
33. Suneja R, Hodgson JMcB: Use of intraaortic balloon counterpulsation for treatment of recurrent acute closure after coronary angioplasty. *Am Heart J* 125:530-532, 1993.
34. Rasheed Q, Hodgson JMcB: Application of intracoronary ultrasonography for the study of coronary artery pathophysiology. *J Clin Ultrasound*, 21:569-578, 1993.
35. Reddy KG, Suneja R, Nair RN, Dhawale PJ, Hodgson JMcB: Measurement by intracoronary ultrasound of in vivo arterial distensibility within atherosclerotic lesions. *Am J Cardiol*, 72:1232-1237, 1993.
36. Suneja R, Nair RN, Reddy KG, Rasheed Q, Sheehan HM, Hodgson JMcB:

- Mechanisms of angiographically successful directional coronary atherectomy: Evaluation by intracoronary ultrasound and comparison with transluminal coronary angioplasty. *Am Heart J*, 126:507-514, 1993.
37. Dhawale PJ, Rasheed Q, Griffin N, Wilson DL, Hodgson JMcB: Intracoronary ultrasound plaque volume quantification. In: *Comp in Cardiol*, Published by: IEEE Comp Soc Press, Los Alamitos, CA, pp 121-124, 1993.
 38. Dhawale PJ, Wilson DL, Hodgson JMcB: In vivo estimation of elastic properties of arteries with intracoronary ultrasound. *IEEE Med Biol*, 1:204-205, 1993.
 39. Reddy KG, Nair RN, Sheehan HM, Hodgson JMcB: Abnormal response to acetylcholine in coronary arteries without ultrasound evidence of atherosclerosis: Evidence in patients that endothelial dysfunction may precede atherosclerosis when risk factors for atherosclerosis are present. *J Am Coll Cardiol*, 23:833-843, 1994.
 40. Rasheed Q, Cacchione JG, Berry J, Richards F, Bryant L, Strony J, Enger C, Hodgson JMcB: Safety of local intramural drug delivery using an infusion balloon following angioplasty in normal and atherosclerotic vessels. *Cath CV Diag*, 31:240-245, 1994.
 41. Rasheed Q, Nair RN, Sheehan HM, Hodgson JMcB: Correlation of intracoronary ultrasound plaque characteristics in atherosclerotic coronary artery disease patients with clinical variables. *Am J Cardiol*, 73:753-758, 1994.
 42. Dhawale PJ, Wilson DL, Hodgson JMcB: Optimal data acquisition for volumetric intracoronary ultrasound. *Cath CV Diag*, 32:288-299, 1994.
 43. Dhawale PJ, Wilson DL, Hodgson JMcB: Volumetric intracoronary ultrasound: Methods and validation. *Cath CV Diag*, 33:296-307, 1994.
 44. Hausmann D, Erbel R, Alibelli-Chemarin MJ, et al: The safety of intracoronary ultrasound: A multicenter survey of 2207 examinations. *Circulation*, 91(3): 623-630, 1995.
 45. Folland ED, Vogel RA, Hartigan P, Bates ER, Beauman GJ, Boucher C, Parisi AF and Veterans Affairs ACME Investigators: Relation between coronary artery stenosis assessed by visual, caliper, and computer methods and exercise capacity in patients with single-vessel coronary artery disease. *Circulation*, 89:2005-2014, 1994.
 46. Rasheed Q, Dhawale P, Anderson J, Hodgson JMcB: Intracoronary ultrasound defined plaque composition: Computer-aided plaque characterization and correlation with histologic samples obtained during directional coronary atherectomy. *Am Heart J*, 129:631-637, 1995.
 47. Rasheed Q, Nair RN, Sheehan HM, Hodgson JMcB: Coronary artery plaque morphology in stable angina and subsets of unstable angina: an in vivo intracoronary ultrasound study. *Int J Card Imag* 11:89-95, 1995.

48. Sheehan HM, Hodgson JMcB: Intravascular ultrasound. Advantages and indications. *Int J Card Imag* 11 (Suppl 1):9-14, 1995.
49. Strauss WE, Fortin T, Hartigan P, Folland ED, Parisi AF and the VA ACME Investigators: A comparison of quality of life scores in patients with angina pectoris after angioplasty compared with after medical therapy. Outcomes of a randomized clinical trial. *Circulation*, 92:1710-1719, 1995.
50. Quan KJ, Hodgson JMcB: A comparison of the tissue disruption caused by excimer and mid infrared lasers in clinical simulation. *Cath CV Diag*, 38:50-55, 1996.
51. Hodgson JMcB: Whoops, I didn't realize it was so long! *Cath CV Diag* 37:452, 1996.
52. Hodgson JMcB: Oh no, even stenting is affected by calcium! *Cath CV Diag*: 38:236-237, 1996
53. Hodgson JMcB, Tommaso CL, Watson RM, Weiner BH: Core Curriculum for the training of adult invasive cardiologists: Report of the Society for Cardiac Angiography and Interventions Committee on Training Standards. *Cath CV Diag* 37:392-408, 1996.
54. Müller C, Hodgson JMcB, Roskamm H, Frey AW: Single device approach to ultrasound guided PTCA and stenting: Initial experience with a combined intracoronary ultrasound / variable diameter balloon. *Cath CV Diag* 40:393-399, 1997
55. Stone GW, Hodgson JMcB, St. Goar FG, Frey A, Mudra H, Sheehan H, Linnemeier TJ: Improved procedural results of coronary angioplasty with intravascular ultrasound guided balloon sizing: the CLOUT pilot trial. *Circulation* 95:2044-2052, 1997
56. Hodgson JMcB: Focal angioplasty: theory and practice. *Cath CV Diag* 42:445-451, 1997.
57. Hodgson JMcB: Half for me...Half for you! *Cath CV Diag* 41:377, 1997.
58. Hodgson JMcB: Focal stenting: Does it make sense? *Cath CV Diag* 42:137, 1997.
59. Lesnefsky EJ, Fundergan CF, Hodgson JMcB, Nair R, Reiner JS, Greenhouse SW, Califf RM, Ross AM: Increased left ventricular dysfunction in elderly patients despite successful thrombolysis: The Gusto-1 angiographic experience. *J Am Coll Cardiol* 28:331-337, 1996.
60. Hodgson JMcB: Is IVUS-Lite acceptable? *Cath CV Int* 46:142, 1999.
61. Stone GW, St. Goar, Hodgson JMcB, Fitzgerald PJ, Alderman EL, Yock PG, Cloverdale J, Sheehan H, Linnemeier TJ. Analysis of the relation between stent

- implantation pressure and expansion. *Am J Cardiol* 1999; 83:1397-1400.
62. Blankenship JC, Mishkel GJ, Chambers CE, Hodgson JMcB, Holmes DR, Sheldon W, Schwaiger MJ, Cowley MJ, Popma JJ: Ad Hoc Coronary Intervention. *Catheter Cardiovasc Interv*. 2000 Feb;49(2):130-4.
63. Frey AW, Hodgson JMcB, Müller C, Bestehorn H-P, Roskamm H. Ultrasound-guided strategy for provisional stenting with focal balloon combination catheter: Results from the Randomised Strategy for Intracoronary Ultrasound-guided PTCA and Stenting (SIPS) trial. *Circulation* 2000;102:2497-2502.
64. Vita JA, Yeung AC, Winniford M. Hodgson JMcB, Treasure CB, Klein JL. Werns S, Kern M. Plotkin D. Shih WJ, Mitchel Y, Ganz P. The effect of cholesterol-lowering therapy on coronary endothelial vasomotor function in patients with coronary artery disease. *Circulation* 2000;102:846-851.
65. Takayama T. Hodgson JMcB. Prediction of the physiologic severity of coronary lesions using 3D IVUS: Validation by direct coronary pressure measurements. *Catheter Cardiovasc Int* 2001;53:48-55.
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ABSTRACTS

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