

Curriculum Vitae

PART I: General Information

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DEMOGRAPHIC INFORMATION:

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Place of Birth: New York, NY

Education:

1971 B.A. Amherst College, Amherst, MA
1975 M.D. Mt. Sinai School of Medicine, New York, NY

Postdoctoral Training:

1975-1976 Intern in Medicine, Peter Bent Brigham Hospital
1976-1977 Assistant Resident in Medicine, Peter Bent Brigham
1977-1978 Senior Resident in Medicine, Peter Bent Brigham Hospital
1977-1978 Chief Resident in Medicine, West Roxbury V.A. Hospital

Licensure and Certification:

1975 Massachusetts License Registration No. 42740
1976 Diplomate, National Board of Medical Examiners
1977 Diplomate, American Board of Internal Medicine
1981 Diplomate, Endocrinology and Metabolism, American Board
of Internal Medicine

Academic Appointments:

1975-1978 Clinical Fellow in Medicine, Harvard Medical School
1978-1980 Research Fellow in Medicine, Harvard Medical School
1980-1982 Instructor in Medicine, Harvard Medical School
1982-1987 Assistant Professor of Medicine, Harvard Medical School
1987-1999 Associate Professor of Medicine, Harvard Medical School
1999- Professor of Medicine, Harvard Medical School

Hospital or Affiliated Institution Appointments:

1978-1979	Clinical Fellow in Medicine, Massachusetts General Hospital
1980-1981	Clinical Assistant in Medicine, Massachusetts General Hospital
1981-1984	Assistant in Medicine, Massachusetts General Hospital
1984-1987	Assistant Physician, Massachusetts General Hospital
1985-1986	Acting Chief, Diabetes Unit, Massachusetts General Hospital
1988-1996	Associate Physician, Massachusetts General Hospital
1996-	Physician, Massachusetts General Hospital
2011-2014	Physician, Department of Medicine, Brigham and Women's Hospital

Major Administrative Responsibilities:

1980-2016	Director, Diabetes Clinic, Massachusetts General Hospital
1983-	Director, Diabetes Research Center, Massachusetts General Hospital
1990-2008	Director, Mallinckrodt General Clinical Research Center
2008-	Director, MGH Clinical Research Center of the Harvard Catalyst (CTSC) Program
2008-2011	Institutional Representative for MGH, Harvard Catalyst (CTSC)
2008-	Primary Physician, Pancreas and Pancreas/Kidney Transplantation Program, Massachusetts General Hospital
2011-2014	Primary Physician, Pancreas Transplantation Program, Brigham and Women's Hospital

Major Committee Assignments:

1986-1988	Hospital Safety Committee, Massachusetts General Hospital
1989-1990	Scientific Advisory Committee, GCRC, Massachusetts General Hospital
1993	Clinical Research Task Force. Chairman, Clinical Physiology Research Subcommittee; Co-chairman, Clinical Trials Subcommittee
1995-2000	Committee on Research, Massachusetts General Hospital
1995-	Clinical Research Council, Massachusetts General Hospital
2000-2008	Executive Committee and Founding Member, Scholars in Clinical Science Program
2000-2004	Executive Committee on Research, Massachusetts General Hospital
2004-2010	Diabetes Council, Partners Health
2006-2008	Executive Committee, CTSA, Harvard Medical School Chairman, "Incubator, Research Support" Subcommittee
2008-	Executive Committee on Research, Massachusetts General Hospital

Professional Societies:

1971	Sigma Xi, Amherst College Chapter
1974	Alpha Omega Alpha, Mt. Sinai School of Medicine
1975	Alpha Omega Alpha, President
1980-	American Diabetes Association
1981-1986	Board of Directors, American Diabetes Association, Massachusetts Affiliate
1983	National Diabetes Advisory Board, Insulin Delivery Workgroup
1984	Special Study Section, Diabetes, NIADDK
1985-1987	American Diabetes Association, National Committee on Professional Education
1992	Special Committee on Clinical Trials, NIDDK
1994	American Society of Clinical Investigation

1995-2001	Member, Subspecialty Board Diabetes, Endocrinology, and Metabolism, American Board of Internal Medicine
1996-1997	Professional Practices Committee, American Diabetes Association
1996	Member, Juvenile Diabetes Foundation Research Task Force
1997	Co-chairman, Diabetes Therapy Subcommittee of NIH Special Task Force on Directions for Diabetes Care and Research
2001	Chair, American Diabetes Association Panel on Postprandial Glycemia
2002-2005	Member, Expert Committee on the Diagnosis and Classification of Diabetes Mellitus, American Diabetes Association
2003-2004	Member, Institute of Medicine Committee on Crossing the Quality Chasm
2003-2009	Member, World Health Organization Prevention and Treatment of Diabetes Group
2005-2010	Chair, American Diabetes Association/European Association for the Study of Diabetes Committee on Treatment of Type 2 diabetes mellitus
2006	Chair, American Diabetes Association, Consensus Committee on IFG/IGT
2007	Chair, Planning meeting for future NIDDK clinical trials. NIDDK, NIH
2008-	Chair, Expert Committee on the Diagnosis of Diabetes, American Diabetes Association, European Association for the Study of Diabetes, International Diabetes Federation, World Health Organization
2008	Co-chair, Individualizing therapy of type 2 diabetes, Endocrine Society-ADA program
2009	Chair, Clinical Research/Clinical Trials section, NIDDK 10 year strategic plan
2010	Co-Chair, Clinical Recommendations Panel on Closed Loop Systems, Juvenile Diabetes Research Foundation

Major Research Project Responsibilities

1981-1987	Co-principal Investigator – Cognitive and Sensory Function in the Aging Diabetic, National Institute on Aging, NIH
1982-1995	Principal Investigator at Massachusetts General Hospital for <u>Diabetes Control and Complications Trial</u> , a multicenter, NIH-supported 10-year study: Steering Committee (1982-1995) Planning Committee (1985-1995) Treatment Committee (1982-1985) Clinic Monitoring Group (1983-1985) Publications and Presentations Committee (1982-1995) Chair (1985-1995) Editor for DCCT Publications (1985-1995)
1988-1998	Co-investigator, diabetes investigations for <u>Framingham Heart Study</u>
1990-1996	Co-investigator of <u>PORT</u> study on “Variations in the Management and Outcome of Type II Diabetes”, AHCPR
1990-1994	Co-investigator of <u>Nurses Health Study</u> , Channing Labs, Boston, MA
1994-	Principal Investigator, <u>Epidemiology of Diabetes, Interventions and Complications Trial</u> , NIDDK, NIH
1994-2015	Co-Chair, <u>Epidemiology of Diabetes, Interventions and Complications Trial</u> , Long-term Follow-up of DCCT, NIDDK
1994-2002	Chair, <u>Diabetes Prevention Program</u> , NIH Multicenter Trial

1996-	Founding member, National Glycohemoglobin Standardization Group
1999-	Principal Investigator, <u>Look:AHEAD</u> clinical trial. NIDDK, NIH
1999-2004	Director, Clinical Research Trials for JDF-Harvard Islet Transplantation Center
2000-2002	Steering Committee, <u>Prevention and Treatment of Type 2 diabetes in children and adolescents</u> . NIDDK, NIH
2001-2012	Data Safety Monitoring Board, <u>ACCORD Study</u> . NHLBI, NIH
2002-	Scientific Advisory Committee, <u>CRIC Study</u> . NIDDK, NIH
2002-	Scientific Advisory Committee, <u>AASK Study</u> . NIDDK, NIH
2002-	Principal Investigator, <u>TODAY Study</u> . NIDDK, NIH
2002-	Chair, <u>Diabetes Prevention Program Outcome Study</u> . NIDDK, NIH
2005	Chair, External Advisory Committee, <u>STOPP-T2D Study</u> . NIDDK, NIH
2005	External Advisory Committee, <u>BARI-2D study</u> . NHLBI, NIH
2005-10	Principal Investigator, International Study of Mean Blood Glucose and HbA1c, American Diabetes Association, IDF, and EASD
2010-12	Member, Scientific Advisory Board, Carlos Slim Health Institute
2010-	Principal Investigator and Chair, <u>Glycemia Reduction Approaches in Diabetes: A Comparative Effectiveness (GRADE) Study</u>
2015-	Chair, <u>Epidemiology of Diabetes Interventions and Complications Study</u> , NIDDK, NIH
2016-	Diabetes Consultant, Executive Committee for <u>Trial to Assess Chelation Therapy (TACT-2) Study</u> , NHLBI, NIH
2016-	Member, Clinical Study Oversight Committee, National Institute of Dental and Craniofacial Research (NICDR), NIH
<u>Peer Review:</u>	Frequent reviewer for <i>Diabetes, Diabetes Care, Diabetologia, New England Journal of Medicine, Journal of the American Medical Association, Journal of Clinical Investigation, Journal of Clinical Endocrinology and Metabolism, Annals of Internal Medicine, Lancet, Medical Letter</i>
<u>Editorial roles:</u>	
1982-1987	Associate Editor, <i>Clinical Diabetes</i> , Journal of American Diabetes Association
1986-1987	Contributing Editor, <u>Type I Diabetes Textbook</u> , ADA
1986-	Chairman, Publications Committee and Editorial Board, Diabetes Control and Complications Trial
1988-1991	Editorial Board, <i>Diabetes Care</i>
1991-1999	Author of "Diabetes Mellitus" and "Hypoglycemia" chapters in <u>Scientific American Medicine</u> series
1991-1995	Editorial Board, <i>Journal of Diabetes and its Complication</i>
1993-1998	Associate Editor, <u>Yearbook of Endocrinology</u>
1995-1996	Editorial Board, <i>Diabetes</i>
1996-2001	Associate Editor, <i>Diabetes</i>
1997-	Editor, <u>Epidemiology of Diabetes, Interventions and Complications (EDIC) Study</u>
1997-2005	Editorial Board, <i>American Journal of Medicine</i>
1997	Guest Editor, <i>Diabetes and the Heart, Lancet</i> , 1997 (suppl 1)
2001-2003	Editorial Board, <i>Current Diabetes Reports</i>
2002-2003	Editorial Board, <i>Up-to-date</i>

2003- Editor-in-Chief, Diabetes and Endocrinology *Up-to-date*
2004- Editor, Harvard Medical School Publications, *Diabetes, A Plan for Living and Healthy Eating for Diabetics*

Awards and Honors:

1970 Sigma Xi
1971 Magna Cum Laude graduate, English and Biology, Amherst College
1971 Oscar E. Schotte Award for “Excellence in Scientific Research and Best Honors Thesis”
1974 Alpha Omega Alpha
1975 James Felt Memorial Prize for “Best All Around Performance During Four Years of Medical School”, Mt. Sinai School of Medicine
1975 Mt. Sinai Journal of Medicine Prize
1978 United States Veterans Administration Special Commendation for “Outstanding Performance as Chief Resident, West Roxbury VA Hospital”
1981-83 Capps Scholar in Diabetes, Harvard University
1987 Outstanding Service Award, American Diabetes Association
1990-94 Senior Fellow, Walter Bradford Cannon Society, Harvard Medical School
1994- American Society of Clinical Investigation
1994 Charles Best Award, American Diabetes Association, as part of the DCCT Research Group
1996-2004 Excellence in Teaching Award, Primary Care, MGH
1997 Saul Horowitz, Jr. Memorial Award, for outstanding contributions in investigation and teaching, Mt. Sinai School of Medicine
2001 American Association of Physicians
2002 Outstanding Physician/Clinician Award, ADA
2003 Modan Award for Outstanding Abstract in Epidemiology, ADA
2004 Charles H. Best Award, Toronto Diabetes Association
2010 Distinguished Scientist Award, NIDDK, NIH
2014 Honorary Member, American Gynecological and Obstetrical Society
2015 Inaugural Outstanding Achievement in Clinical Diabetes Research Award, American Diabetes Association
2018 Abbas Kitabchi Distinguished Visiting Professorship, University of Tennessee Health Sciences College of Medicine
2018 Outstanding Diabetes Investigator Award, Berrie Center, Columbia University

Part II: Bibliography

Original Articles (selected from more than 800 original articles):

1. **Nathan DM.** The respiratory distress syndrome and glucocorticoid treatment: The case for enzyme induction. *Mt. Sinai J Med* 1975; 2:150-161.
2. **Nathan DM, Siegal AJ, Bunn HF.** Acute methemoglobinemia and hemolytic anemia with phenazopyridine. *Arch Int Med* 1977;137:1636-1638.

3. Thiemke WA, **Nathan DM**. Simultaneous nosocomial outbreaks caused by multiple resistant Klebsiella pneumoniae type 2 and 30. *J Clin Micro*. 1978;8:769-771.
4. **Nathan DM**, Daniels GH, Ridgway EC. Gastrinoma and pheochromocytoma: Is there mixed multiple endocrine adenoma syndrome? *Acta Endocrinologica* 1980; 93: 91-93.
5. **Nathan DM**, Axelrod L, Flier JS, Carr D. U-500 insulin in the treatment of antibody mediated insulin resistance. *Ann Intern Med* 1981; 94:653-656.
6. **Nathan DM**, Axelrod L, Proppe KH, Wald R, Hirsch HJ, Martin DB. Nesidioblastosis: A cause of insulin mediated hypoglycemia in an adult. *Diabetes Care* 1981; 4:383-388.
7. **Nathan DM**. Labile glycosylated hemoglobin contributes to hemoglobin A1 as measured by liquid chromatography or electrophoresis. *Clin Chem*. 1981; 27:1261-1263.
8. **Nathan DM**, Avezzano ES, Palmer JL. A rapid chemical means for removing labile glycohemoglobin. *Diabetes* 1981; 30:700-701.
9. **Nathan DM**. Successful treatment of extremely brittle, insulin-dependent diabetics with a new subcutaneous insulin pump regimen. *Diabetes Care* 1982; 5:105-110.
10. **Nathan DM**, Avezzano ES, Palmer JL. Rapid method to eliminate labile glycosylated hemoglobin from the assay for hemoglobin from the assay for hemoglobin A1. *Clin Chem*. 1982; 28:512-515.
11. **Nathan DM**, Lou PL, Avruch J. A crossover study of intensive conventional and insulin pump therapies in adult type I diabetes. *Ann Int Med*. 1982; 97:31-36.
12. **Nathan DM**, Francis TB, Palmer J. Effect of aspirin on glycosylated hemoglobin determinations. *Clin Chem*. 1983; 29:466-469.
13. **Nathan DM**. The importance of intensive supervision in determining the efficacy of insulin pump therapy. *Diabetes Care* 1983; 6:295-297.
14. Grinvalsky MA, **Nathan DM**. Diets for insulin pump and multiple daily injection therapy. *Diabetes Care* 1983; 6:241-244.
15. **Nathan DM**, Dunn BS, Francis TB. Two commercial methods evaluated for eliminating the labile fraction from the assay for glycated hemoglobin (glycohemoglobin). *Clin Chem*. 1984; 30:109-110.
16. **Nathan DM**, Singer DE, Hurxthal K, Goodson JD. The clinical information value of the glycosylated hemoglobin assay. *N Engl J Med* 1984; 310:341-346.
17. **Nathan DM**, Godine JE, Gauthier-Kelley C, Kawahara D, Grinvalsky M. Ice cream in the diet of insulin-dependent diabetic patients. *JAMA* 1984; 251:2825-2827.
18. **Nathan DM**, Raskin P. Convenient automated method for liquid chromatographic measurement of glycated hemoglobin. *Clin Chem* 1984;30:813-814.

19. Perlmutter LC, Hakami MK, Hodgson-Harrington C, Ginsberg J, Katz J, Singer DE, **Nathan DM**. Decreased cognitive function in aging non-insulin-dependent diabetics. *Am J Med*. 1984; 77:1043-1048.
20. Barbieri RL, Cooper DS, Daniels RH, **Nathan DM**, Klibanski A, Ridgway EC. Prolactin response to thyrotropin releasing hormone (TRH) in patients with hypothalamic-pituitary disease. *Fertility and Sterility* 1985; 43:66-73.
21. **Nathan DM**, Madnek SF, Delahanty L. Programming pre-exercise snacks to prevent post-exercise hypoglycemia in intensively treated insulin-dependent diabetes. *Ann Int Med*. 1985; 102:483-486.
22. Johnson RG, Godine JE, Hurxthal K, **Nathan DM**. The preparation of an acceptable placebo for NPH insulin. *Diabetes Care* 1985; 8:601-602.
23. Blackshear PJ, Shulman GI, Roussell AM, **Nathan DM**, et al. Metabolic response to three years of continuous, basal rate intravenous insulin infusion in type II diabetic patients. *J Clin Endo Metab*. 1985; 61:753-760.
24. Godine JE, Hurxthal K, **Nathan DM**. Bedside capillary glucose measurement by staff nurses in a general hospital. *Am J Med*. 1986; 80:803-806.
25. The Diabetes Control and Complications Trial (DCCT): Design and Methodologic Considerations - The DCCT Research Group. *Diabetes* 1986; 35:530-545.
26. **Nathan DM**. New methods for monitoring insulin-dependent diabetes: Clinical application and results. *J Kentucky Med Assoc*. 1986; 84:108-112.
27. **Nathan DM**, Singer DE, Godine JE, Harrington CH, Perlmutter LC. Retinopathy in older type II diabetics: Association with glucose control. *Diabetes* 1986; 35:797-801.
28. Trifiro M, **Nathan DM**. Purification of rat hepatic glucokinase. *Prep Biochem*. 1986; 1986; 16(2):155-173.
29. Goodson JD, Singer DE, Hurxthal K, **Nathan DM**. The limited clinical value of home urine testing in diabetic patients. *J Gen Int Med*. 1986; 1:243-247.
30. **Nathan DM**, Singer DE, Godine JE, Perlmutter LC. Non-insulin-dependent diabetes in the elderly: Complications and risk factors. *Am J Med*. 1986;81:837-842.
31. The Diabetes Control and Complications Trial (DCCT): Results of the feasibility study (phase II). The DCCT Research Group. *Diabetes* 1986;10:1-19.
32. Perlmutter LC, Tun PA, Sizer N, **Nathan DM**. Age and diabetes-related changes in verbal fluency. *Exp Aging Research* 1987; 13:9-14.
33. **Nathan DM**, Rosenbaum C, Protasowicki VD. Single void urine samples can be used to estimate quantitative microalbuminuria. *Diabetes Care* 1987; 10:414-418.
34. **Nathan DM**. The glycemic index: Meat and potatoes or just gravy? *Diabetes Care* 1987; 10:524-525.

35. Tun PA, Perlmutter LC, Russo P, **Nathan DM**. Memory self-assessment and performed in aged diabetics and non-diabetics. *Exp Aging Research* 1987; 13:151-157.
36. Goldstein DE, Soeldner S, Cleary PA, **Nathan DM**. Feasibility of centralized measurements of glycated hemoglobin in the Diabetes Control and Complications Trial (DCCT): A multicenter trial. *Clin Chem*.1987; 33:2267-71.
37. Geringer ES, Perlmutter LC, Stern TA, **Nathan DM**. Depression and diabetic neuropathy: A complex relationship. *J Ger Psych & Neuro*. 1988; 1:11-15.
38. Greene D, Brown MJ, Pfeifer M, Cleary PA, Gilbert PR, Neilsen VK, Rand DL, **Nathan DM**. Factors in the development of diabetic neuropathy: Baseline analysis of neuropathy in the feasibility phase of the Diabetes Control and Complications Trial (DCCT). *Diabetes* 1988; 37:476-481.
39. **Nathan DM**, Roussell A, Godine JE. Glyburide or insulin for metabolic control in non-insulin-dependent diabetes mellitus: A randomized double-blind study. *Ann Int Med*. 1988; 334-340.
40. Cosimi AB, Auchincloss H, Delmonico FL, Fang L, **Nathan DM**, Tolkoff-Rubin N, Rubin N, Russell PS. Combined pancreatic and renal transplantation in diabetics. *Arch Surg*. 1988; 123:621-625.
41. Perlmutter LC, **Nathan DM**, Goldfinger SH, Russo PA, Yates J, Larkin M. Triglyceride levels affect cognitive function in non-insulin-dependent diabetes mellitus. *J Diab Complications* 1988; 2:210-213.
42. **Nathan DM**. The modern management of insulin-dependent diabetes mellitus. *Med Clin NA*. 1988; 72:1365-1378.
43. Singer DE, Coley CM, Samet JM, **Nathan DM**. Screening for diabetes mellitus. *Ann Int Med* 1988; 109:639-649.
44. Singer DE, Samet JM, Coley CM, **Nathan DM**. Tests of glycemia in diabetes mellitus. *Ann Int Med* 1989; 110:125-137.
45. Singer DE, Moulton AW, **Nathan DM**. Diabetic myocardial infarction: Interaction with other pre-infarction risk factors. *Diabetes* 1989; 38:350-357.
46. Dunbar J, Cleary PA, Siebert C, Baker L, Brink S, **Nathan DM** for the DCCT Research Group. Implementation of a multicomponent process to obtain informed consent in the Diabetes Control and Complications Trial. *Controlled Clinical Trials* 1989; 10:83-96.
47. Blackshear PJ, Roussell AM, Cohen AM, **Nathan DM**. Basal rate intravenous insulin infusion compared to conventional insulin treatment in patients with type II diabetes. *Diabetes Care* 1989; 12:455-463.
48. Tun PA, **Nathan DM**, Perlmutter LC. Cognitive and affective disorders in elderly diabetics *Clin Geriatr Med* 1990;6:731-46.

49. **Nathan DM**, Fogel HA, Godine JE, Lou PL, D'Amico DJ, Regan CDJ, Topping TM. The role of the internist in evaluating diabetic retinopathy. *Diabetes Care* 1991; 14:26-33.
50. **Nathan DM**, Fogel HA, Norman D, Russell PS, Tolkoff-Rubin N, Delmonico FL, Auchincloss H, Camuso J, Cosimi AB. Long-term metabolic and quality of life results with pancreatic/renal transplantation in IDDM. *Transplantation* 1991; 52:85-91.
51. **Nathan DM**, Schreiber E, Fogel HA, Mojsov S, Habener JF. Preliminary studies of insulinotropic action of glucagon-like peptide- I (7-37) in diabetic and non-diabetic human subjects. *Diabetes Care* 1992; 15:270-276.
52. Singer DE, **Nathan DM**, Fogel HA, Schachat AP. Screening for diabetic retinopathy. *Ann Int Med.* 1992; 116:660-671.
53. Singer DE, Schachat AP, **Nathan DM**, Patz A, et al. Screening guidelines for diabetic retinopathy. *Ann Int Med* 1992; 116:684-685.
54. Singer DE, **Nathan DM**, Anderson KM, Wilson PWF, Evans JC. The association of hemoglobin A1C with prevalent cardiovascular disease in the original cohort of the Framingham Heart Study. *Diabetes* 1992; 41:202-208.
55. Dunn FL, Schrott HG, Oexmann MJ, Castle G, Cleary PA, Steffes MW, **Nathan DM** for the DCCT Research Group. Lipid and lipoprotein levels in patients with insulin-dependent diabetes mellitus: The Diabetes Control and Complications Trial (DCCT) experience. *Diabetes Care* 1992; 15:885-894.
56. Selam JL, Micossi P, Dunn FL, **Nathan DM**. Clinical trial of a programmable implantable pump for type I diabetes. *Diabetes Care* 1992; 15:877-885.
57. **Nathan DM**. The rationale for glucose control in diabetes mellitus. *Endocrinol. & Metab. North America* 1992; 21:221-235.
58. Manson JE, Rimm EB, Colditz GA, Willett WC, **Nathan DM**, Rosner B, Henekens CH, Speizer FE, Stampfer MJ. A prospective study of post-menopausal estrogen therapy and subsequent incidence of NIDDM. *Ann Epidemiol.* 1992; 2:665-673.
59. Manson JE, **Nathan DM**, Krolewski AS, Stampfer MJ, Willett WC. A prospective study of exercise and incidence of diabetes among U.S. male physicians. *JAMA* 1992; 268:63-67.
60. Lewandrowski K, Cheek R, **Nathan DM**, Godine JE, Hurxthal K, et al. Implementation of capillary blood glucose monitoring in a teaching hospital and determination of program requirements to maintain quality testing. *Am J Med* 1992; 93:419-426.
61. Cohen RM, **Nathan DM**, Clements RS. Hyperproinsulinemia in type II diabetes. *Diabetes Care* 1992; 15:723-24.
62. Molitch ME, Steffes MW, Cleary PA, **Nathan DM**. Baseline analyses of renal function in the Diabetes Control and Complications Trial. *Kidney International* 1993; 43:668-674.

63. **Nathan DM.** Long-term complications of diabetes mellitus. *N Engl J Med* 1993;328:676-685.
64. Fu Y, **Nathan DM**, Li F, Li X, Faustman DL. Defective MHC Class I expression on lymphoid cells in autoimmunity. *J Clin Invest* 1993; 91:2301-2307.
65. **Nathan DM**, Crofford OB, Genuth S, Lachin J , Rand L, Davis M, Siebert C, Cleary PA *for the DCCT Research Group.* The effect of intensive diabetes treatment on the development and progression of long-term complications in insulin-dependent diabetes mellitus: The Diabetes Control and Complications Trial. *N Engl J Med* 1993;329:978-986.
66. Habener JF, McManus K, **Nathan DM.** Insulinotropic actions of glucagon-like peptide 1-(7-37) in diabetic and non-diabetic subjects. *Digestion* 1993;54:376-78.
67. Greenfield S, Kaplan SH, Silliman R, Sullivan L, Manning W, D'Agostino R, Singer DE, **Nathan DM.** The uses of outcomes research for medical effectiveness, quality of care and reimbursement in type II diabetes. *Diabetes Care* 1994; 17(S1):32-39.
68. Lewandrowski E, Laposata M, Eschenbach K, Camosa C, **Nathan DM**, Godine JE, Hurxthal K, Goff J. Utilization and cost analysis of bedside capillary glucose testing in a large teaching hospital: Implications for the management of point-of-care testing. *Am J Med* 1994; 97:222-230.
69. **Nathan DM.** Prevention of long-term complications of non-insulin-dependent diabetes mellitus. *J Clin Invest Med* 1995; 18:332-339.
70. **Nathan DM**, Siebert C, Genuth S. DCCT: Design, outcome and implications. *IDF Bulletin* 1994; 39(S1):5-10.
71. Weir GC, **Nathan DM**, Singer DE. American Diabetes Association technical review on standards of care for diabetes. *Diabetes Care* 1994; 17:1514-1522.
72. **Nathan DM.** Inferences and implications: Do the DCCT results apply in NIDDM? *Diabetes Care* 1995; 18:251-257.
73. **Nathan DM.** Was it intensive therapy or glycemic control that worked in the DCCT? *Clinical Diabetes* 1995; 13:5-6.
74. Goldstein DE, Little RR, Lorenz RA, Malone JI, **Nathan DM**, Peterson CM. Technical review on tests of metabolic status to monitor diabetes mellitus. *Diabetes Care* 1995; 18:896-909.
75. **Nathan DM.** The pathophysiology of diabetic complications: how much does the glucose hypothesis explain? *Ann Int Med* 1996; 124:86-90.
76. **Nathan DM**, McKittrick C, Larkin M, Schaffran R, Singer DE. Glycemic control in diabetes mellitus: have changes in therapy made a difference? *Am J Med* 1996; 100:157-63.
77. Meigs JB, **Nathan DM** , Cupples LA, Wilson PWF, Singer DE. Tracking of glycosylated hemoglobin in the original cohort of the Framingham Heart Study. *J Clin Epidemiol* 1996; 49:411-17.

78. **Nathan DM**, Dunn FL, Bruch J, McKittrick C, Larkin M, Haggan C, Lavin-Tompkins J, Norman D, Rogers D, Simon D. Post-prandial insulin profiles with implantable pump therapy may explain decreased frequency of severe hypoglycemia, compared with subcutaneous intensive regimens, in IDDM. *Am J Med* 1996; 100:412-17.
79. Chiasson JL, Josse RG, Leiter LA, Mihic M, **Nathan DM**, Palmason C, Cohen RM, Wolever TM. The effect of acarbose on insulin sensitivity in subjects with impaired glucose tolerance. *Diabetes Care* 1996; 19:1190-93.
80. Lachin, J, Genuth S, **Nathan DM** for the DCCT Research Group. The absence of a glycemic threshold for the development of long-term complications. *Diabetes* 1996; 45:1289-1298.
81. Dunn FL, **Nathan DM**, Scavini M, Selam J-L. Long-term therapy of IDDM with an implantable insulin pump. *Diabetes Care* 1997;20:59-63.
82. Meigs JB, Singer DE, Sullivan LS, Dukes KA, D'Agostino RB, **Nathan DM**, et.al. Metabolic control and prevalent cardiovascular disease in NIDDM: The NIDDM Patient Outcome Research Team. *Am J Med* 1997; 102:38-47.
83. Grinspoon S, Askari H, Landt M, **Nathan DM**, et al. Effects of fasting and glucose infusion on basal and overnight leptin concentrations in normal-weight women. *Am J Clin Nutr* 1997; 66:1352-6.
84. Meigs JB, D'Agostino RB, Wilson PWF, Cupples LA, **Nathan DM**, Singer DE. Risk variable clustering in the insulin resistance syndrome: the Framingham Offspring Study. *Diabetes* 1997; 46: 1594-1600.
85. **Nathan DM**, Meigs J, Singer DE. The epidemiology of cardiovascular disease in type 2 diabetes mellitus: how sweet it is ... or is it? *Lancet* 1997; 350 (suppl 1): 4-9.
86. Meigs JB, **Nathan DM**, Wilson PWF, Cupples LA, Singer DE. Metabolic risk factors worsen continuously across the spectrum of nondiabetic glucose tolerance. The Framingham Offspring Study. *Ann Int Med* 1998; 128:524-33.
87. **Nathan DM**. UKPDS- Some answers, more controversy. *Lancet* 1998; 352:832-33.
88. Genuth S, Eastman R, Kahn R, Klein R, Lachin J, Lebowitz H, **Nathan DM**, Vinicor F. Implications of the United Kingdom Diabetes Prospective Study. *Diabetes Care* 1999; 22(S1): S27-31.
89. Cohen RA, Hennekens CH, Christen WG, Krolewski A, **Nathan DM**, Petersen MJ, KaMotte F, Manson JE. Determinants of retinopathy progression in Type 1 diabetes mellitus. *Am J Med* 1999;107:45-51.
90. Cagliero E, Levina E, **Nathan DM**. Immediate feedback of HbA1c levels improves glycemic control in Type 1 and insulin-treated Type 2 diabetic patients. *Diabetes Care* 1999;22:1785-89.
91. **Nathan DM**. Treating Type 2 diabetes with respect. *Ann Int Med* 1999;130:440-441.

92. Meigs JB, Mittleman MA, **Nathan DM**, Tofler GH, Singer DE, Murphy-Sheehy PM, Lipinska I, D'Agostino RB, Wilson PWF. Hyperinsulinemia, hyperglycemia, and impaired hemostasis: the Framingham Offspring Study. *JAMA* 2000; 283: 221-28.
93. Lachin JM, Genuth S, Cleary P, Davis MD, **Nathan DM** for the EDIC Research Group. Retinopathy and nephropathy in patients with Type 1 diabetes four years after a trial of intensive therapy. *N Engl J Med* 2000; 342:381-9.
94. Meigs JB, **Nathan DM**, Ordovas JM, Schaefer EJ, Cupples LA, Singer DE, Wilson PWF. Apolipoprotein E isoform polymorphisms are not associated with insulin resistance. *Diabetes Care* 2000;23: 669-74.
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