

5/2/08

## CURRICULUM VITAE

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**Date of Birth:** February 11, 1941

**Place of Birth:** Cambridge, Massachusetts

### Education:

1962	A.B.	Emmanuel College (Chemistry)
1966	M.D.	Harvard Medical School
1972	Ph.D.	Harvard University (Biological Chemistry)
1986		Harvard Business School, Advanced Management Program (September to December)

### Postdoctoral Training:

#### Internships and Residencies

1966-1967	Intern in Pediatrics, Massachusetts General Hospital, Boston, Massachusetts
1971-1973	Resident in Radiology (Nuclear Medicine), Peter Bent Brigham Hospital and Children's Hospital Medical Center, Boston, Massachusetts

#### Research Fellowships

1967-1970	NIH Fellow, Biophysics Research Laboratory, Harvard Medical School, Boston, Massachusetts
1970-1971	NIH Special Fellowship, Biophysics Research Laboratory, Harvard Medical School

### Licensure and Certification:

1967	Massachusetts	(#30080)
1972	California	(#G-022605)
1967	National Board of Medical Examiners	(#86066)
1973	American Board of Nuclear Medicine	(#02408)
2003	ACLS	

### Academic Appointments:

1971-1974	Clinical Fellow in Radiology, Harvard Medical School
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1974-1975	Instructor in Radiology, Peter Bent Brigham Hospital, Harvard Medical School
1975-1978	Assistant Professor of Radiology, Peter Bent Brigham Hospital, Harvard Medical School
1978-1983	Associate Professor of Radiology, Brigham and Women's Hospital, Harvard Medical School
1983-1988	Professor of Clinical Epidemiology, Harvard Medical School, Boston, Massachusetts
1983-	Professor of Radiology, Harvard Medical School, Brigham and Women's Hospital
1987-	Professor of Health Sciences and Technology, Harvard University - Massachusetts Institute of Technology - Member, Joint Faculty Committee (1987-1993)
1988-	Professor and Head, Department of Health Care Policy, Harvard Medical School
1990-	Ridley Watts Professor of Health Care Policy, Harvard Medical School
Summer 2007	Interim Dean, Harvard Medical School

#### **Hospital Appointments:**

1967-1971	Assistant in Medicine, Peter Bent Brigham Hospital, Boston, Massachusetts
1974-	Radiologist (Nuclear Medicine), Brigham and Women's Hospital
1974-1997	Associate Radiologist, The Children's Hospital, Boston, Massachusetts
1976-	Radiologist (Nuclear Medicine), Dana-Farber Cancer Institute, Boston, Massachusetts
1978-1995	Deputy Director for Residency Training, Joint Program in Nuclear Medicine, Harvard Affiliated Hospitals
1980-1993	Director, Center for Cost-Effective Care, Brigham and Women's Hospital

#### **Other Professional Positions and Major Visiting Appointments:**

1978-1981	Kieckhefer Lecturer, Harvard-MIT Division of Health Sciences and Technology
1979-1980	Visiting Scholar, Massachusetts Institute of Technology, Cambridge, Massachusetts
1980	Visiting Associate Professor of Radiology, Graduate School of Business, Stanford, California (January - June)

#### **Awards and Honors:**

1962	Emmanuel College, summa cum laude
1966	Harvard Medical School, cum laude
1976-1981	Research Career Development Award, National Institutes of Health
1995	Presidential Award, American College of Nuclear Physicians
1996	Distinguished Fellow, Association for Health Services Research
2001	Shattuck Lecturer, Massachusetts Medical Society

## Major Harvard Committee Assignments:

1975-1985	Member, Board of Advisors, M.D - Ph.D. Program
1977-1981	Associate of Mather House
1978-1979	Member, Associate Ladder Committee, Harvard Medical School
1978-1981	Member, Committee on Quantitative Science in Medical Area, Harvard Medical School - Chairperson, Subcommittee I: Courses for Credit
1979-1980	Member, Faculty of the Peabody Academic Society Member, Harvard Medical Center Ad Hoc Advisory Committee on Competing Medical Services
1980	Member, Rosenblith Committee on Information Processing in Health and Medicine for the Harvard Medical Area
1980-1982	Member, Information Systems Committee, Brigham and Women's Hospital
1980-1989	Member, Medical Curriculum Committee, Harvard Medical School - Member, Salzman Subcommittee to Review Third and Fourth Year Curriculum (1981-1982; 1988-1989)
1985-1988	Member, Dunham Lectureship Standing Committee, Harvard Medical School
1985-1990	Member, Subcommittee of Professors, Harvard Medical School
1985-2005	Member, Faculty Council, Harvard Medical School - Vice-Chairperson (1990-1991, 1992-1993) - Chair, Docket Committee (1990-1991, 1992-1993) - Member, University Health Services Review Committee (1999) - Member, Docket Committee (1999-00, 2003-2004)
1987-	Harvard University Health Services: committees - Member, General Advisory Committee, 1987- - Member, Clinical Executive Committee (2004-20005, 2005-2006) - Corporation Designee, Harvard University Health Services, 2003-
1988-1991	Chairperson, Preclinical Promotions Board, Harvard Medical School
1988-1991	Treasurer, Alumni Council, Harvard Medical School
1989-1995	Member, Fellowship Committee for F. Stanton Deland Fellowship, Brigham and Women's Hospital and Harvard Medical School
1989-1990	Chairperson, Committee for the Review of Faculty of Medicine Policies on Conflicts of Interest and Commitment and Relationships with Industry
1990-1991	Member, Committee to Develop Guidelines for Clinical Trials
1990-	Member, Scientific Advisory Committee for the Warren Alpert Foundation Annual Prize
1990-1993	Member, Scientific Advisory Board, Mind/Body Medical Institute, New England Deaconess Hospital
1991-	Member, Standing Committee for Higher Degrees in Health Policy, FAS, Harvard University

1992-1993	Member, Committee for the Review of Faculty of Medicine Policies on Institutional Conflicts of Interest
1992-1993	Member, University Committee on Union Health Negotiations
1994-1995	Chairperson, LCME Self-Study Committee on finance
1995-	Member, University Benefits Committee - Health Plan Subcommittee, Member - Health Plan Subcommittee, Chairman (1998-1999)
1997-1998; 2004-05	Member, Screening Committee, Harvard University
1999-2000	Member, Advisory Committee on Senior Management Diversity, Harvard Medical School
2001-2004	Member, Alumni Council
2001-2004	Member, Advisory Committee, Harvard Division on Aging - Member, Hartford Foundation Center of Excellence in Geriatric Medicine Steering Committee - Member, Reynolds Educational Advisory Committee, 2004
2001-2005	Member, Faculty Council, Harvard Medical School
2002-2003	Chair, Subcommittee for the Review of Faculty of Medicine Policy on Conflicts of Interest and Commitment
2003-2004	Member, Academic Task Force on Professional Schools for Allston Initiative
2004-2005	Interim Chair, Organizational Committee, MD-PhD Program in Social Sciences, Harvard Medical School
2004-	Chairperson, Faculty Advisory Committee on Administration and Management, Harvard Medical School
2004-	Member, Medical Education Reform Executive Committee - Co-Chair, Fundamentals of Medicine Design Group, 2004-
2004-	Activities for MD/MBA program with Harvard Business School - Planning committee, 2004-2005 - Co-Chair, Steering Committee (with W. Carl Kester, HBS), 2005-
2005-2007	Member, Task force to review promotions criteria at HMS
2006-2007	Member, Search Committee of Dean, HMS
2008-	Member, Social Science and Global Health Planning Committee - Co-Chair with Jim Kim

#### **Major External Committee Assignments:**

1976-1979	Member, Radiopharmaceutical Advisory Committee, Food and Drug Administration
1976-1979	Chairperson, Committee on Computed Tomography of the Body for MA Blue Cross and the Massachusetts Department of Health
1978-1995	Member, Advisory Panels, Office of Technology Assessment, United States Congress 1991-1992 “Technology, Insurance and the Health Care System” 1992- “Prospects for Health Care Technology Assessment”
1979-1981	Member, National Council on Health Care Technology, Department of Health and Human Services
1979-1984	Member, John A. and George L. Hartford Fellowship Program Selection Committee
1980-1985	Member, Executive Advisory Committee of the Health Systems Management Center of Case Western Reserve University
1980-2008	Member, National Council on Radiation Protection & Measurements (NCRP)



1991-1994 Member, Health Care Advisory Council, Alexander & Alexander Consulting Group, NY

1992-2003 Member, New York State Cardiac Advisory Committee, Department of Health, State of New York  
- Chairperson, Subcommittee of the CSRS/CARS (1997)  
- Member, Executive Committee (1996)

1993-1998 Member, Commonwealth Fund Commission on Women's Health, New York, New York

1993- Member, Medical Advisory Panel, Technology Evaluation Center, Blue Cross and Blue Shield Association, Chicago, IL  
- Chairperson, Nominating Committee (1999-2004)

1994-2008 Member, Board of Directors, CV Therapeutics, Palo Alto, California  
- Audit Committee, member (2002- 2008)  
- Nominating and Governance Committee, member and chair (2005-2008)

1995-2001 Member, Board of Directors Patient Infosystems Inc., Rochester, New York

1995-1996 Member, Managed Care Advisory Board, Price Waterhouse, New York, New York

1995-1998 Member, Advisory Board, Program Evaluation and Methodology Division, United States General Accounting Office

1995-1998 Member, Medical Advisory Board, Health Payment Review, Inc. (HPR), Cambridge, MA

1999-2001 Member, Commission on Behavioral and Social Sciences and Education (CBASSE), National Research Council, Washington, DC  
- Member, Committee on Future Research Directions for Behavioral and Social Sciences at NIH (1999-2001)

1995- 2006 Member, Joint Commission on Accreditation of Healthcare Organizations' Groups, Oakbrook Terrace, IL  
- Council on Performance Measurement (1995-)  
- Consultant, Research Unit (2000)  
- Member, Ernest A. Codman Awards Evaluation Committee for individuals and institutions (2001-)

1996- Member, Board of Overseers, Rogerson Communities, Boston, MA

1997-2003 Member, Cardiovascular Measurement Advisory Panel, National Committee for Quality Assurance, Washington, DC

1998-2002 Member, Board of Scientific Advisors, Merck & Co., Inc., Rahway, NJ

1998-2000 Member, Working Group, Quality of Care Research Fund, Aetna, Hartford, CT

1998-1999 Member, Clinical Disease and Information Management Advisory Board, HBOC/Payor Solutions Group, Cambridge, MA

1998- Member, Advisory Board, Institute for Health Policy, Partners HealthCare System/Massachusetts General Hospital, Boston, MA

1998-2000 Member. Research Review Committee, Harvard Pilgrim HealthCare Foundation, Boston, MA  
- Vice Chair (1999-2000)

2001-2005 Member, CMS' Medicare Coverage Advisory Committee, now: Medicare Evidence Development Coverage Advisory Committee (MedCAC)  
 - Member, Diagnostic Imaging Panel (2001-2003)  
 - Vice-Chairperson, Diagnostic Imaging Panel (2001-2003)  
 - Vice-Chairperson, full committee (2003- 2005)  
 - Chair (2007- )

2002-2004 Member, AHA's Advisory Working Group for the Disease Management Project  
 - Member, Expert Panel on Disease Management (2003-2004)

2003-2004 Member, Secretary of Veterans Affairs Blue Ribbon Panel to Improve Cardiac Care in the Dept of VA, Washington, DC

2003-2005 Member, National Advisory Council for Biomedical Imaging and Bioengineering, National Institutes of Health  
 - Member, Advisory Council Liaison, Intramural Research Blue Ribbon Panel (2004)

2004- Member, Science Advisory Council, Emmanuel College  
 2004- 2007 Member, Physician Advisory Committee, CIGNA Health Care  
 2004- Member, Institute on Health Care Costs and Solutions' National Committee on Evidence Based Benefit Design, National Business Group on Health

2004- Member, The Academic Medicine and Health Industry Forum, Brandeis University/Aetna

2005- Member, U.S. Food and Drug Administration Science Board  
 - Member, Review Group for the state of science (2006-2008)  
 - Chair, the Science Board to the Food and Drug Administration Advisory Committee (2008- )

2006- Member, Board of Directors, Flagship Healthcare Management  
 - Member, Compensation Committee (2008- )

2006- Member, Board of Directors, Edwards Lifesciences  
 - Member, Compensation Committee (2008- )

2006- Member, Methods Council, AcademyHealth

2006- Member, Measures Implementation and Evaluation Advisory Committee of the Physician Consortium for Performance Improvement, AMA

**Professional Societies:**

1967-1989 American Chemical Society  
 1967- American Association for the Advancement of Science - Fellow  
 - Member-at-Large, Section Committee of the Section on Social, Economic, and Political Sciences (2002-2006)

1972- Society of Nuclear Medicine  
 - Special Committee on Public Health and Efficacy (1975)  
 - Vice Chairman for Clinical Sciences, 1981 Program Committee  
 - Member, Academic Council (1981- )  
 - Member, Efficacy Subcommittee (1985-1990)

1973- American College of Radiology (ACR)  
 - Member, Section on Nuclear Radiology for Professional Self-Evaluation and Continuing Education  
 Part I: 1973-1974  
 Part II: 1974-1978

Part III: 1978-1983

Part IV: 1984-1990

- Member, Committee on Quality Assurances and Efficacy (1981-1987)
- Member, Committee on Economics of Technology (1986-1988)
- Member, Commission on Cancer (1987-1991)
- Member, Committee on Economics of Technology (1986-1991)
- Commission on Research and Technology Assessment (1987-1998)
- Member: 1987-1998
- Chair: 1991-1998
- Member, Board of Chancellors (1991-1998)
- 1974-1978 Massachusetts Radiologic Society, Consultant to Committee on Nuclear Medicine
- 1977- Association of University Radiologists
- 1979- Member, Society for Medical Decision Making
- Member, Board of Trustees, 1980-1983; 1986-1988
- 1980-1985 Member, Policy Council, Association for Public Policy Analysis and Management
- 1981-1983 Member of the Board, Association for Health Services Research (AHSR), Center for Health Services and Policy Research
- 1983-1991 Member, Fleischner Society
- 1983-2004 Member, American College of Nuclear Physicians
- Fellow (1994-)
- 1987-1988 Massachusetts Radiological Society, Councillor-at-Large
- 1993- American Academy of Arts and Sciences - Fellow (1993- )
- Member, Nominating Committee II/5, 1997-2001
- Chair, Nominating Committee II/5, 1998-2001
- 1994- Member, Massachusetts Medical Society
- Member, Ad Hoc Group on Patients' Rights (M.Rie, Chair)
- Member, Committee on Publications (1994-2003)
- Vision Working Group (1998-1999)
- Member, Task Force on Confidentiality and Privacy of Patients Records (1998-1999)
- Member, Business Ventures Working Group (1999-2000)
- Member, Editor-in-Chief Search Committee (1999-2000)
- Member, Executive Vice President Search Committee (2001)

**Editorial Boards:**

- 1978-1980 Member, Editorial Board, Health and Public Policy, MIT Press
- 1978-1980 Associate Editor, Metamed
- 1979- Member, Editorial Advisory Board, Bibliography of Bioethics (Joseph and Rose Kennedy Institute of Ethics, Georgetown University)
- 1980-1985 Advisory Editor, Nuclear Medicine Communications
- 1980-1985 Member, Editorial Board, Medical Decision Making
- 1981-1986 Member, Editorial Board, Journal of Nuclear Medicine
- 1984-1986 Member, Advisory Board of the Harvard Medical School Health Letter
- 1984-1988 Member, Editorial Board, Journal of Health Care Technology
- 1986-1990 Associate Editor in Statistics - Efficacy Studies, Radiology

1996-2001 Member, Editorial Board, Disease Management and Clinical Outcomes

**Major Research Interests:**

- Cost-effectiveness of diagnostic and therapeutic procedures
- Quality of Care
- Health Policy

**Teaching Experience:**

1973-1990 Harvard Medical School Elective Course in Radiology (Nuclear Medicine)

1973- Miscellaneous postgraduate and undergraduate lectures (separate listing)

1976-1979 Lectures in January and June Blocks in Preventive and Social Medicine

1980 Co-Chairperson, Harvard-MIT Health Sciences and Technology Course on “Critical Issues in Medical Technology”

1980-1982 Lecturer, Graduate School of Business, Stanford University, Stanford, California, Course B-3902: “Cost Benefit Analyses in Health”

1981, 1982 Course Participant, Harvard Medical School, Course, Preventative Medicine and Clinical Epidemiology (PMCE) 707.0, “Introduction to Preventative and Social Medicine”

1981 Course Director, Massachusetts General Hospital, “Introduction to Quantitative Sciences”

1982-1990 Course Director and Lecturer, Harvard Medical School, Course HCP 501.0, “Medical Decision Making and Clinical Epidemiology”

1983-1991 Program Director, Courses in Health Care Policy and Management for Hospital Managers

1983: New Approaches to Management: Relating Clinical Practices and Hospital Administration

1985: The Efficient Hospital in Competition: Surviving the ‘80s

1987: Hospitals in Transition: Competition and Efficiency

1991: Health Care in Transition

1991-1994 Chairperson, Program (“Bridges”) for Senior Government Health Policy Makers, Harvard Medical School

1992-1994 Lecturer, Harvard University, Kennedy School of Government, Course HCP 299Y, “Core Seminar in Health Care Policy”

2001- Program Director and lecturer for managed care executives

2001-Health Economics in Managed Care

2002-Health Economics in Managed Care: Paying for Quality

2003-Health Economics in Managed Care

2004-Health Policy Summit: New Issues with Medicare

2005-Current Issues in Health Policy

2003- 2006 Course Co-Director and Lecturer, Harvard Medical School, Course HC704.0, “Introduction to Health Care Policy”

2007- Course Director & Lecturer HC750, Introduction to HCP  
**Principal Clinical and Hospital Service Responsibilities:**

1974- Attending Physician in Nuclear Medicine Units at Brigham and Women's Hospital, The Children's Hospital, and Dana-Farber Cancer Institute

1978- Deputy Director for Residency Training, Joint Program in Nuclear Medicine, Harvard Affiliated Hospitals

1980-1993 Director, Center for Cost-Effective Care, Brigham and Women's Hospital

## Original Reports

- O-1. McNeil BJ, Nichol L, Bethune JL. Directed transport of monomer-dimer-trimer systems. Comparison of the asymptotic and countercurrent distribution approaches. *J Phys Chem* 1970;74:3846-52.
- O-2. McNeil BJ, Bethune JL. Theory of the dynamic aspects of ultracentrifugation. *Biochemistry* 1973;12:3244-53.
- O-3. McNeil BJ, Bethune JL. Experimental determination of sedimentation and diffusion coefficients employing concentration changes as a function of time. *Biochemistry* 1973; 12:3254-9.
- O-4. McNeil BJ, Treves S. Skeletal scintigraphy. I. *Postgrad Med* 1973; Dec;54(6):104-9.
- O-5. McNeil BJ, Cassady JR, Geiser CF, Jaffe N, Traggis D, Treves S. Fluorine-18 bone scintigraphy in children with osteosarcoma or Ewing's sarcoma. *Radiology* 1973; 109:627-31.
- O-6. McNeil BJ, Holman BL, Adelstein SJ. The scintigraphic definition of pulmonary embolism. *JAMA* 1974; 227:753-6.
- O-7. McNeil BJ, Holman BL, Button LN, Rosenthal DS. Use of indium chloride scintigraphy in patients with myelofibrosis. *J Nucl Med* 1974; 15:647-51.
- O-8. Kessler R, McNeil BJ. Impaired ventilation in angiographically demonstrated pulmonary emboli. *Radiology* 1975;144:111-2.
- O-9. McNeil BJ, Adelstein SJ. Measures of clinical efficacy. II. The value of case finding in renovascular disease. *N Engl J Med* 1975; 293:221-6.
- O-10. McNeil BJ, Keeler E, Adelstein SJ. Primer on certain elements of medical decision-making. *N Engl J Med* 1975; 293:211-5.
- O-11. McNeil BJ, Varady PD, Burrows BA, Adelstein SJ. Measures of clinical efficacy. I. Cost-effectiveness calculations in the diagnosis and treatment of hypertensive renovascular disease. *N Engl J Med*. 1975;293:216-21.
- O-12. Bunn HF, McNeil BJ, Rosenthal DS, Kranz S. Bone-marrow imaging in pure red cell aplasia. *Arch Intern Med* 1976;136:1169-72.
- O-13. McNeil BJ. A diagnostic strategy using ventilation-perfusion studies in patients suspect for pulmonary embolism. *J Nucl Med* 1976;17:613-6.
- O-14. McNeil BJ. A summary of cost-effectiveness calculations in the diagnosis and treatment of hypertensive renovascular disease. *Bull NY Acad Med* 1976;52:680-9.
- O-15. McNeil, Adelstein SJ. Determining the value of diagnostic and screening tests. *J Nucl Med* 1976;17:439-48.
- O-16. McNeil BJ, Hessel SJ, Branch WT, Bjork L, Adelstein SJ. Measure of clinical efficacy. III. The value of the lung scan in the evaluation of young patients with pleuritic chest pain. *J Nucl Med* 1976;17:163-9.
- O-17. McNeil BJ, Rappaport JM, Nathan DG. Indium chloride scintigraphy: an index of severity in patients with aplastic anaemia. *Brit J Haematol* 1976;34:599-604.
- O-18. Schoenbaum SC, McNeil BJ, Kavet J. The swine-influenza decision. *N Engl J Med* 1976;295:759-65.
- O-19. Bjork L, McNeil BJ. Blood flow in pulmonary and bronchial arteries in acute experimental pneumonia and pulmonary embolism. *Acta Radiol Diagn (Stockh)* 1977;18:393-9.

- O-20. Carrera GF, Gerson DE, Schnur J, McNeil BJ. Computed tomography of the brain in patients with headache or temporal lobe epilepsy: findings and cost-effectiveness. *J Comput Assist Tomogr* 1977;1:200-3.
- O-21. McNeil BJ, Collins JJ, Adelstein SJ. Rationale for seeking occult metastases in patients with bronchogenic carcinoma. *Surg Gynecol Obstet* 1977;144:389-93.
- O-22. McNeil BJ, Weber E, Harrison D, Hellman S. Use of signal detection theory in examining the results of a contrast examination: a case study using the lymphangiogram. *Radiology* 1977;123:613-7.
- O-23. Abrams HL, McNeil BJ. Computed tomography: cost and efficacy implications. *Am J Roentgenol* 1978;131:81-7.
- O-24. Abrams HL, McNeil BJ. Medical implications of computed tomography ("CAT scanning"). Part I. *N Engl J Med* 1978;298:255-61.
- O-25. Abrams HL, McNeil BJ. Medical implications of computed tomography ("CAT scanning"). Part II. *N Engl J Med* 1978;298:310-8.
- O-26. Adelstein SJ, McNeil BJ. A new diagnostic test for pulmonary embolism: how good and how costly? *N Engl J Med* 1978;299:305-7.
- O-27. Banta HD, McNeil BJ. Evaluation of the CAT scanner and other diagnostic technologies. *Health Care Manage Rev* 1978;3:7-19.
- O-28. Hill TC, Costello P, Gramm HF, McNeil BJ, Treves S. Early clinical experience with a radioisotope computerized emission tomographic brain imaging system. *Radiology* 1978;128:803-6.
- O-29. Jeffcoat MK, McNeil BJ, Davis MA. Indium and iron as tracers for erythroid precursors. *J Nucl Med* 1978;19:496-500.
- O-30. Li DK, Seltzer SE, McNeil BJ. V/Q mismatches unassociated with pulmonary embolism: a case report and review of the literature. *J Nucl Med* 1978;19: 1331-3.
- O-31. McNeil BJ. Rationale for the use of bone scans in selected metastatic and primary bone tumors. *Sem Nucl Med* 1978;8:336-45.
- O-32. McNeil BJ, Pace PD, Gray EB, Adelstein SJ, Wilson RE. Preoperative and follow-up bone scans in patients with primary carcinoma of the breast. *Surg Gynecol Obstet* 1978;147:745-8.
- O-33. McNeil BJ, Sherman H. Bayesian calculations for the determination of the etiology of pleuritic chest pain in young adults in a teaching hospital. *Comput Biomed Res* 1978;11:187-94.
- O-34. McNeil BJ, Weichselbaum R, Pauker SG. Fallacy of the five-year survival in lung cancer. *N Engl J Med* 1978;299:1397-401.
- O-35. Papanicolaou N, McNeil BJ, Funkenstein HH, Sudarsky LR. Abnormal cisternogram associated with Diamox therapy. *J Nucl Med* 1978;19:501-3.
- O-36. McNeil BJ, Weichselbaum R, Pauker SG. Preferences of patients and the fallacy of the five-year survival. *N Engl J Med* 1979;300(16):928.
- O-37. Biello DR, Mattar AG, Osei-Wusu A, Alderson PO, McNeil BJ, Siegal BA. Interpretation of indeterminate lung scintigrams. *Radiology* 1979;133:189-94.
- O-38. Fischer KC, McNeil BJ. The indeterminate lung scan: Its characteristics and its association with pulmonary embolism. *Eur J Nucl Med* 1979;4:49-53.
- O-39. Gerson DE, Lewicki AM, McNeil BJ, Abrams HL, Korngold E. The barium enema: evidence for proper utilization. *Radiology* 1979;130:297-301.

- O-40. Henschke CI, Hessel SJ, McNeil BJ. Automated diagnosis in radiology. *Invest Radiol* 1979;14:195-201.
- O-41. McNeil BJ, Pauker SG. The patient's role in assessing the value of diagnostic tests. *Radiology* 1979;132:605-10.
- O-42. Mellins HZ, McNeil BJ, Abrams HL, Van Houten FX, Murphy MA, Korngold E. Selection of patients for excretory urography. *Radiology* 1979;130:293-6.
- O-43. McNeil BJ, Mellins HZ. Evaluation of diagnostic tests in uroradiology. *Radiol Clin North Am* 1979;17(2):175-85.
- O-44. Goldstein H, McNeil BJ, Zufall E, Jaffe N, Treves S. Changing indications for bone scintigraphy in patients with osteosarcoma. *Radiology* 1980;135:177-80.
- O-45. Goldstein H, McNeil BJ, Zufall E, Treves S. Is there still a place for bone scanning in Ewing's sarcoma? *J Nucl Med* 1980;21:10-2.
- O-46. Hill TC, Lovett RD, McNeil BJ. Observations on the clinical value of emission tomography. *J Nucl Med* 1980;21:613-6.
- O-47. McNeil BJ. Ventilation-perfusion studies and the diagnosis of pulmonary embolism. *J Nucl Med* 1980;21:319-23.
- O-48. McNeil BJ, Thompson M, Adelstein SJ. Cost effectiveness calculations for the diagnosis and treatment of tuberculous meningitis. *Eur J Nucl Med* 1980;21(7):613-6.
- O-49. McNeil BJ, Hanley J. Analysis of serial radionuclide bone images in osteosarcoma and breast carcinoma. *Radiology* 1980;135:171-6. treatment of tubercular meningitis. *Eur J Nucl Med* 1980;5:271-6.
- O-50. Royal HD, Papanicolaou N, Bettmann M, McNeil BJ. Scintigraphic identification of bleeding duodenal varices: a case report. *Am J Gastr* 1980;74:173-5.
- O-51. McNeil BJ, Dudley RA, Hoop B, Metz C, Thompson M, Adelstein SJ. A cost-effectiveness analysis of screening for hepatitis B surface antigen in India. *Med Decis Making* 1981;1:345-59.
- O-52. McNeil BJ, Hanley JA. Statistical approaches to clinical predictions. *N Engl J Med* 1981;304:1292-4.
- O-53. McNeil BJ, Hanley J, Funkenstein HH, Rumbaugh C. Utilization of computed tomography of the head in a tertiary care hospital. *Radiology* 1981;139:113-8.
- O-54. Pauker SG, McNeil BJ. Impact of patient preferences on the selection of therapy. *J Chron Dis* 1981;34:77-86.
- O-55. McNeil BJ, Sanders R, Alderson PO, Hessel SJ, Finberg H, Siegelman SS, Adams DF, Abrams HL. A prospective study of computed tomography, ultrasound, and gallium imaging in patients with fever. *Radiology* 1981;139:647-53.
- O-56. McNeil BJ, Weichselbaum R, Pauker SG. Speech and survival: Tradeoffs between quality and quantity of life in laryngeal cancer. *N Engl J Med* 1981;305:982-7.
- O-57. Pauker SG, Pauker SP, McNeil BJ. The effect of private attitudes on public policy: Prenatal screening for neural defects as a prototype. *Med Decis Making* 1981;1:103-14.
- O-58. Thompson MS, McNeil BJ, Ganatra RD, Larsen PR, Adelstein SJ. Cost-effectiveness of screening for hypo- and hyperthyroidism in India. *Med Decis Making* 1981;1:44-58.
- O-59. Abrams HL, Siegelman SS, Adams DF, Sanders R, Finberg HL, Hessel SJ, McNeil BJ. Computed tomography vs. ultrasound of the adrenal gland: A prospective study. *Radiology* 1982;143:121-8.

- O-60. Budinger TF, McNeil BJ, Alderson PO. Perspectives in nuclear medicine: pulmonary studies. *J Nucl Med* 1982;23:60-5.
- O-61. Doubilet PM, McNeil BJ. Treatment choice in gastric carcinoma: a decision analytic approach. *Med Decis Making* 1982;2:261-74.
- O-62. Goldhaber SZ, Hennekens CH, Markisz JA, McNeil BJ, Glynn MA, Bettmann MA, Schur PH. Low sensitivity of plasma DNA in screening for pulmonary embolism. *Am Rev Respir Dis* 1982;2:360-1.
- O-63. Hanley JA, McNeil BJ. Maximum attainable discrimination and the utilization of radiologic examinations. *J Chron Dis* 1982;35:601-11.
- O-64. Hanley JA, McNeil BJ. The meaning and use of the area under a receiver operating characteristic (ROC) curve. *Radiology* 1982;143:29-36.
- O-65. Hessel SJ, Siegelman SS, McNeil BJ, Sanders R, Adams DF, Alderson PO, Finberg HL, Abrams HL. A prospective evaluation of computed tomography and ultrasound of the pancreas. *Radiology* 1982;143:129-33.
- O-66. McNeil BJ, Eddy D. The costs and effects of screening for cancer among asbestos-exposed workers. *J Chronic Dis* 1982;35:351-8.
- O-67. McNeil BJ, Kirkwood JR, Hanley JA, Polak JA, Wilkinson RA, Funkenstein HH. Computed tomography studies of the head in a teaching hospital and a community hospital: A comparison. *Radiology* 1982;145:367-70.
- O-68. McNeil BJ, Pauker SG, Sox HC, Tversky A. On the elicitation of preferences for alternative therapies. *N Engl J Med* 1982;306:1259-62.
- O-69. Alderson PO, Adams DF, McNeil BJ, Sanders R, Siegelman SS, Finberg HJ, Hessel SJ, Abrams HL. Computed tomography, ultrasound and scintigraphy of the liver in patients with colon or breast carcinoma: A prospective comparison. *Radiology* 1983;149:225-30.
- O-70. Branch WT, McNeil BJ. Analysis of the differential diagnosis and assessment of pleuritic chest pain in young adults. *Am J Med* 1983;75:671-9.
- O-71. Doubilet P, McNeil BJ, Weinstein MC. Optimal strategies for the diagnosis and treatment of coronary artery disease: Analysis using microcomputer. *Med Decis Making* 1983;3:23-38.
- O-72. Douglass CW, McNeil BJ. Clinical decision analysis methods applied to diagnostic tests in dentistry. *J Dent Ed* 1983;47:708-12.
- O-73. Epstein AM, Begg CB, McNeil BJ. The effects of group size on test ordering for hypertensive patients. *N Engl J Med* 1983;309:464-8.
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