

12/3/08

CURRICULUM VITAE

Name: Barbara Joyce McNeil
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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

2008	National Associate of the National Research Council of the National Academies
2008	Career Achievement Award, Society for Medical Decision Making

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)
- Member, Committee #69 - Efficacy of Radiographic Procedures (1980)
- Member, Committee #62 - Priorities for Dose Reduction Efforts (1982)
- Member, Committee #83 - Research Priorities (1989)
- Member, Budget and Finance Committee (1995- 2001)
- Member, Board of Directors (1996-2001)
- Member, Program Committee (1999)
- Member, Ad Hoc Committee re Scientific Committee 92 (1999)
- Member, Ad Hoc Committee re Strategic Plans (2000-2001)
- Member, Council (2002-2008)

1981-1988 Chairperson, Policy Committee for Blue Cross/Massachusetts Hospital Association Fund for Cooperative Innovation

1982-1983 Member, Task Force on NMR Scanners, Council for Boston Teaching Hospitals

1982- Member, Institute of Medicine of the National Academy of Sciences (IOM/NAS)
- Member, Board of Health Sciences Policy (1982-85)
- Member, Program Committee (1991-1993)
- Member, Council (1991-1997); Vice Chair (1992-1996)
 Member, Finance Committee (1991-1994)
 Member, Membership Committee (1993-1996)
 Vice-Chairperson, Membership Committee, Section 6 (1993-1996)
- Member, Board of Health Care Services (1996-)
 Vice Chair, Board of Health Care Services (1998- 01)
 Chair, Board of Health Care Services (02-06)
- Co-Chairperson, Quality Initiative Coordinating Committee (1996-98)
- Member of following:
 - Committee for Evaluating Medical Technologies in Clinical Use, 1981-85
 - Effectiveness Initiative Research Workshop, 1988-90
 - Review Panel, Committee on Federal Immunization, 1999
 - Steering Committee, Workshop on Developing Better Information on Metropolitan Areas (2001)
 - Committee on New Approaches to Early Detection and Diagnosis of Breast Cancer (2002-2004)
 - Assessing Improvements in Cancer Care in Georgia (2003-5)
- Co-Chair, Committee on the Review of the Evidence on High Clinical Value Services (2006-7)

1983-1985 Member, Scientific and Technical Advisory Committee of the Special Program for Research and Training, World Health Organization

1983-1991 Commissioner, Prospective Payment Assessment Commission
- Chairperson, Subcommittee on Diagnostic and Therapeutic Practices (1983-1991)

1991-1998 Member, Advisory Board, Center for the Study of Drug Development, Tufts University

1991-1996 Member, National Advisory Council for the Agency for Health Care Policy, Research, and Evaluation (AHCPR)

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

- 2001-2005
 - Vice Chair (1999-2000)
 - 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, <u>Radiology</u>
1996-2001	Member, Editorial Board, <u>Disease Management and Clinical Outcomes</u>

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 <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> 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"
Course Director & Lecturer HC750, Introduction to HCP

2007-

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, Rapoport 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.
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