

## CURRICULUM VITAE

Elliott S. Fisher, M.D., M.P.H.

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### Education

University of Washington, Seattle, Washington, M.P.H. Health Services Research	1985
Harvard Medical School, Boston, Massachusetts, M.D.	1981
University of Washington, Seattle, Washington Non-degree premedical program	1976
Harvard College, Cambridge, Massachusetts, B.A. (cum laude) East Asian Studies	1974

### Residency and Fellowship

Senior Fellow, Robert Wood Johnson Clinical Scholars Program, University of Washington	1983-1985
Residency, University of Washington, Primary Care Internal Medicine	1982-1983
Internship, University of Washington, Primary Care Internal Medicine	1981-1982

### Licensure and Certification

Board Certified, Internal Medicine  
Board Eligible, Preventive Medicine  
Vermont License # 42-0007427

### Military Service:

None

### Academic Appointments

John E. Wennberg Distinguished Professor of Health Policy, Medicine and Community and Family Medicine, Geisel School of Medicine at Dartmouth	2014 -
James W. Squires Professor of Medicine and Community & Family Medicine Geisel School of Medicine at Dartmouth	2010-2014
Professor of Medicine and Community & Family Medicine Dartmouth Medical School, Hanover, NH	1999-2010
Associate Professor of Medicine and Community & Family Medicine Dartmouth Medical School, Hanover, NH	1993-1999

Assistant Professor of Medicine and Community & Family Medicine Dartmouth Medical School, Hanover, NH	1986-1993
Acting Instructor of Medicine, University of Washington Seattle, WA	1985-1986

**Administrative and Hospital Appointments**

Director, The Dartmouth Institute for Health Policy and Clinical Practice	2013-
Director, Center for Population Health The Dartmouth Institute for Health Policy and Clinical Practice Hanover, NH	2007-2009
Director, Center for Health Policy Research The Dartmouth Institute for Health Policy and Clinical Practice Hanover, NH	2007-2009
Staff physician, Veterans Affairs Medical Center White River Junction, VT	1986-2004

**National Committee Assignments**

The National Quality Forum Steering Committee - Co-Chair, Priority Setting Pilot Project: Evaluating Efficiency across Episodes of Care	2006 -
Committee on Redesigning Health Insurance Benefits, Payment, and Performance Improvement Programs; Co-chair, Performance Measurement Subcommittee, Institute of Medicine, National Academy of Sciences	2004-2006
National Advisory Council, Agency for Health Care Research and Quality	1997-2000
Joint NHLBI-HCFA Review Panel	1996
Medicare - VA Reimbursement Pilot Team Chair, Fee-For-Service Workgroup	1995-1996
Committee on Public Health Performance Monitoring Institute of Medicine, National Academy of Sciences	1995-1996
Advisory Panel on Information Technology and the Health Care System Office of Technology Assessment, Congress of the United States	1994-1995
Committee on Regional Health Data Networks Institute of Medicine, National Academy of Sciences	1992-1994
Advisory Committee on Analysis of Geographic Variations in Outcomes Health Care Financing Administration	1990
Post-hospitalization Outcomes Studies Advisory Panel Health Care Financing Administration	1989

Technical Advisory Panel to the Medicaid Quality of Care Study Health Care Financing Administration	1988
Medicare Beneficiary Health Status Registry Expert Panel Health Care Financing Administration	1988
<b>Regional and Local Committees and Boards</b>	
Board of Trustees, Montshire Museum of Science herndon	2003-
Steering Committee, Public Reporting, Dartmouth-Hitchcock Medical Center	2003-2008
Dartmouth-Hitchcock Medical Center Confidentiality Committee	1996-1997
Affirmative Action Committee, Dartmouth Medical School	1990-1992
Ad Hoc Faculty Budget Committee, Dartmouth Medical School	1992-1993
Research Committee, Veterans Affairs Medical Center	1989-1993
Board Member, Upper Valley Health Care Coalition	1990-1997
Board Member, Vermont Consumers Campaign for Health,	1989-1993
Member, King County Committee on Affordable Health Care Chair, legislative subcommittee	1985-1986
Technical Advisory Committee to the Washington State Legislature on Managed Health Care Systems	1984

**Journal Referee – Ad-Hoc**

New England Journal of Medicine  
Journal of the American Medical Association  
Medical Care  
Health Services Research  
Journal of General Internal Medicine  
American Journal of Public Health

**Memberships in Professional Societies**

Society for General Internal Medicine  
American Public Health Association  
Association for Health Services Research

**Honors**

Member, Institute of Medicine

## **Bibliography**

### **Books**

1. Wennberg JE, Cooper M, Bubolz T, Fisher E, Gittelsohn A, Goodman D, Mohr J, Poage J, Sharp S, Skinner J, Stukel T. *The Dartmouth Atlas of Healthcare*. Chicago, IL: American Hospital Association, 1996, 1998, 2000, 2006

### **Book Chapters and Symposia**

1. Fisher ES, Wennberg JE. "The Use of Administrative Data in Effectiveness Studies: The Prostatectomy Assessment" in Heithoff KA and Lohr KN, ed. *Effectiveness and Outcomes in Health Care: Proceedings of an Invitational Conference* by the Institute of Medicine. National Academy Press, Washington DC, 1990.
2. Roos LL, Roos NP, Fisher ES, Bubolz TA. "Strengths and Weaknesses of Health Insurance Data Systems for Assessing Outcomes" in Geljins AC, ed. *Modern Methods of Clinical Investigation* (Volume 1). National Academy Press, Washington DC, 1990.
3. Fisher ES, Wennberg JE. "Small Area Analysis: Methods, Interpretation and Use in Health Planning" in *Proceedings of the Consensus Conference on Small Area Analysis*. Health Resources and Services Administration, Washington DC, 1991. DHHS Pub No. HRS-A-PE 91-1 (A)
4. Welch HG, Fisher ES. "Cost-containment Efforts in the Public Sector: Oregon's Priority List" in Geljins AC, *Technology and Health Care in an Era of Limits*. National Academy Press, Washington DC, 1992.

### **Editorials and Commentaries**

1. Fisher ES. "Mortality Rates, Monitoring Programs and the Quality of Care", (Editorial) *Medical Decision Making* 1989; 9(2):75.
2. Fisher, ES. Helping Patients Choose Treatments: An Important Role for Administrative Health Care Databases. (Editorial) *Chest* 1991; 100: 595-6.
3. Fisher ES. An Important Role for Epidemiologists: Improving Administrative Databases. (Editorial) *Annals of Epidemiology* 1993; 3(1):113.
4. Fisher ES. What is a hospital? *Effective Clinical Practice*. 1999; 2(3):138-40.
5. Fisher ES, Welch HG. Could more health care lead to worse health? *Hospital Practice (Office Edition)*. 1999; 34(12):15-6, 21-2, 25 passim.
6. Wennberg JE, Fisher ES. Finding high quality, efficient providers for value purchasing: cohort methods better than methods based on events. *Medical Care* 2002 Oct; 40(10):853-5.
7. Fisher ES. Medical Care---Is More Always Better? Editorial, *New England Journal of Medicine* Oct. 2003 349; 17: 1665-1667.
8. Fisher, ES. More Medicine is not Better Medicine, *Op-Ed. New York Times*, Monday, December 1, 2003.
9. Fisher, E.S. (2006). Paying for Performance-Risks and Recommendations, *New England Journal of Medicine* 355(18): 1845-7

10. Fisher E. 2007 Robert and Alma Moreton Lecture: Pay For Performance: More Than Rearranging the Deck Chairs? *J Am Coll Radiol*. December 4 2007;4:879-885.
11. Fisher, ES, Goodman D, Wennberg JE, Skinner J. (2008). Lifting the Veil: How the local delivery system influences care at the end of life. *BMJ* Spring 2008.
12. Fisher ES. Building a medical neighborhood for the medical home. *N Engl J Med* 2008;359:1202-5.
13. Goodman DC, Fisher ES. Physician workforce crisis? Wrong diagnosis, wrong prescription. *N Engl J Med* 2008;358:1658-61.
14. Fisher ES, Bynum JP, Skinner JS. Slowing the growth of health care costs--lessons from regional variation. *N Engl J Med* 2009;360:849-52.
15. Rittenhouse DR, Shortell SM, Fisher ES. "Primary care and accountable care--two essential elements of delivery-system reform." *N Engl J Med* 2009; 361(24): 2301-3. PMID: 19864649
16. Fisher ES, Berwick DM, Davis K. "Achieving health care reform--how physicians can help." *N Engl J Med* 2009; 360(24): 2495-7. PMID: 19458353
17. Gawande, A. A., Fisher, E. S., Gruber, J., & Rosenthal, M. B. "The cost of health care--highlights from a discussion about economics and reform." *N Engl J Med* 2009; 361(15): 1421-3. PMID: 1977639
18. Sutherland JM, Fisher ES, Skinner JS. "Getting past denial--the high cost of health care in the United States." *N Engl J Med* 2009; 361(13): 1227-30. PMID: 19741220
19. Fisher ES, McClellan MB, Safran DG. "Building the path to accountable care. The New England journal of medicine 2011; 365(26), 2445-7. PMID: 22204720
20. Gawande A, Berwick D, Fisher ES, McClellan M. "10 Steps to Better Health Care." *New York Times* 2009 August 12
21. Morden NE, Schwartz LM, Fisher ES, Woloshin S. Accountable prescribing. *The New England journal of medicine*. 2013 Jul 25;369(4):299-302.

### **Peer Reviewed Journal Articles**

1. Fisher ES, LoGerfo JP, Daling J. "Prenatal Care and Pregnancy Outcomes During the Recession: The Washington State Experience". *American Journal of Public Health* 1985; 75:866-869.
2. Wennberg JE, Mulley AG, Hanley D, Timothy RP, Fowler FJ, Roos NP, Barry MJ, McPherson K, Greenberg ER, Soule D, Bubolz TA, Fisher ES, Malenka DJ. "An Assessment of Prostatectomy for Benign Urinary Tract Obstruction: Geographic Variations and the Evaluation of Medical Care Outcomes". *JAMA* 1988; 259(20):3027-3030.

3. Roos NP, Wennberg JE, Malenka DM, Fisher ES, McPherson K, Andersen TF, Cohen MM, Ramsey E. "Mortality and Reoperation after Open and Transurethral Resection of the Prostate for Benign Prostatic Hyperplasia". *New England Journal of Medicine* 1989; 320:1120-1124.
4. Fisher ES, Malenka DJ, Solomon N, Bubolz TA, Whaley F, Wennberg JE. "Risk of Carotid Endarterectomy in the Elderly". *American Journal of Public Health* 1989; 79:1617-1620.
5. Roos LL, Fisher ES, Newhouse JP, Anderson G, Sharp SM, Bubolz TA. "Post-Surgical Mortality in Manitoba and New England". *JAMA* 1990; 263(18):2453-2458.
6. Fisher ES, Malenka DJ, Roos N, Wennberg JP. "Technology Assessment Using Insurance Claims, The Example of Prostatectomy". *International Journal of Technology Assessment in Health Care* 1990; 6(2):194-203.
7. Malenka DJ, Roos NP, Fisher ES, Whaley F, McLerran D, Barry MJ, Bruskewitz R, Wennberg JE. "Further Study of the Increased Mortality Following Transurethral Prostatectomy: A Chart-based Analysis" *Journal of Urology* 1990; 144: 224-228.
8. Fisher ES, Baron JA, Malenka DJ, Barrett J, Bubolz TA. "Overcoming Potential Pitfalls in the Use of Medicare Data for Epidemiologic Research". *American Journal of Public Health* 1990; 80(12):1487-1490.
9. Fisher ES, Baron JA, Malenka DJ, Barrett JA, Kniffin WD, Whaley FS, Bubolz TA. "Hip Fracture Incidence and Mortality in New England". *Epidemiology* 1991; 2 116-122.
10. Fisher ES, Whaley FS, Krushat WM, Malenka DJ, Fleming C, Baron JA, Hsia DC. "The Accuracy of Medicare's Hospital Claims Data: Progress, But Problems Remain". *American Journal of Public Health* 1992; 82 243-248.
11. Fisher ES, Welch HG, Wennberg JE. "Prioritizing Oregon's Hospital Resources: An Example Based on Variations in Discretionary Medical Admission Rates". *JAMA* 1992; 267: 1925-1931.
12. Iezzoni LI, Foley SM, Daley J, Hughes J, Fisher ES, Hereen T. "Comorbidities, Complications and Coding Bias: Does the Number of Diagnosis Codes Matter in Predicting Mortality". *JAMA* 1992; 267:2197-2203.
13. Fleming C, Fisher ES, Chang C, Bubolz TA, Malenka DJ. "Studying Outcomes and Hospital Utilization in the Elderly: The Advantages of a Merged Database for Medicare and Veterans Affairs Hospitals". *Medical Care* 1992; 30: 377-391.
14. Goodman DC, Barff RA, Fisher ES. "Geographic Barriers to Child Health Services in Rural Northern New England 1980-1989" *Journal of Rural Health* 1992; 8 :(2)106-113.
15. Welch HG, Fisher, ES. "Health Policy in Radiology: Oregon's Priority List-- Pertinence to Radiologists". *Investigative Radiology* 1992; 27:379-384.
16. Roos LL, Fisher ES, Brazauskas BA, Sharp SM, Shapiro E. "Health and Surgical Outcomes in Canada and The United States" *Health Affairs* 1992; 11:56-72.
17. Roos NP, Ross LL, Cohen M, Fisher ES, et al. "Therapies for Benign Prostatic Hyperplasia". *JAMA* 1992; 268(10):1269-70.

18. Welch HG, Fisher ES. "Let's Make a Deal: Negotiating a Settlement Between Physicians and Society". *New England Journal of Medicine* 1992; 327:1312-15.
19. Iezzoni LI, Foley SM, Heeren T, Daley J, Duncan CC, Fisher ES, Hughes J. "A method for screening the quality of hospital care using administrative data: preliminary validation results". *QRB* 1992; 18(11):361-371.
20. Feil EC, Welch HG, Fisher ES. "Why Estimates of Physician Supply and Requirements Disagree". *JAMA* 1993; 269(20):2659-63.
21. Welch WP, Miller ME, Welch HG, Fisher ES, Wennberg JE. Geographic Variations in Expenditures for Physician Services in the United States. *New England Journal of Medicine* 1993; 328:621-627.
22. Glynn RJ, Stukel TA, Sharp SM, Bubolz TA, Freeman JL, Fisher ES. "Estimating the Variance of Standardized Rates for Recurrent Events with Application to Hospitalizations Among the Elderly in New England". *American Journal of Epidemiology* 1993; 137(7):776-86.
23. Miles SH, Lurie N, Fisher ES, Haugen D. "Academic Health Centers and Health Care Reform". *Academic Medicine* 1993; 68(9):648-53.
24. Malenka DJ, McLerran D, Roos NL, Fisher ES, Wennberg JE. "Using Administrative Data to Describe Casemix: A Comparison with the Medical Record". *Journal of Clinical Epidemiology* 1994; 47(9):1027-1032.
25. Iezzoni LI, Daley J, Heeren T, Foley SM, Hughes JS, Fisher ES, et al. "Using Administrative Data to Screen Hospitals for High Complication Rates". *Inquiry* 1994; 31:40-55.
26. Baron JA, Barrett J, Malenka D, Fisher ES, Kniffin W, Bubolz TA, Tosteson T. "Racial Differences in Fracture Risk". *Epidemiology* 1994; 5(1):42-7.
27. Goodman DC, Fisher ES, Gittelsohn A, Chang CH, Fleming C. "Why Are Children Hospitalized? The Role of Non Clinical Factors in Pediatric Hospitalizations". *Pediatrics* 1994; 93(6):896-902.
28. Lu-Yao GL, Baron JA, Barrett JA, Bubolz TA, Fisher ES. "Treatment and Survival Among Elderly Americans with Hip Fractures: A Population Based Study". *American Journal of Public Health* 1994; 84(8):1287-91.
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30. Stukel TA, Glynn RJ, Fisher ES, Sharp SM, Yao GL, Wennberg JE. "Standardized Rates of Recurrent Outcomes". *Statistics in Medicine* 1994; 13:1781-1791.
31. Fisher ES, Wennberg JE, Stukel TA, Sharp S. "Hospital Readmissions Rates for Cohorts of Medicare Beneficiaries in Boston and New Haven". *New England Journal of Medicine* 1994; 331(15):989-995.
32. Baron JA, Yao GL, Barrett JA, Fisher ES. "Internal Validation of Medicare Claims Data". *Epidemiology* 1994; 5(5):541-4.
33. Fisher ES, Welch HG. "The Future of the Department of Veterans Affairs Health Care System". *JAMA* 1995; 273:651-655.

34. Welch H.G., Black W.C., Fisher E.S. “Case-mix adjustment: making bad apples look good” *JAMA* 1995 March 8, 273(10); 772-3; ISSN: 0098-7484
35. Showstack J, Lurie N, Leatherman S, Fisher ES, Inui T. “Health of the Public: The Private Sector Challenge”. *JAMA* 1996; 276(13):1071-4.
36. Goodman DC, Fisher ES, Bubolz TA, Mohr JE, Poage JF, Wennberg JE. “Benchmarking the US Physician Workforce: An Alternative to Needs or Demand Based Planning”. *JAMA* 1996; 276(22):1811-7.
37. Wright SM, Daley J, Fisher ES, Thibault GE. “Where Do Elderly Veterans Obtain Care for Acute Myocardial Infarction: Department of Veterans Affairs or Medicare?” *Health Services Research* 1997; 31(6):739-54.
38. Schwartz LM, Fisher ES, Tosteson AN, Woloshin S, Chang CH, Virnig BA, Plohman J, Wright B. “Treatment and Health Outcomes of Women and Men in a Cohort with Coronary Artery Disease.” *Archives of Internal Medicine*. 1997; 157:1545-1551.
39. Fisher ES. “Managing Conflicts over Limited Resources”. *Quality Management in Health Care* 1997; 5(3):16-27.
40. Goodman DC, Fisher ES, Stukel TA, Chang CH. “The Distance to Community Medical Care and the Likelihood of Hospitalization: Is Closer Always Better?” *American Journal of Public Health* 1997; 87(7):1144-50.
41. Woloshin S, Schwartz LM, Tosteson AN, Chang CH, Wright B, Plohman J, Fisher ES. “Perceived Adequacy of Tangible Social Support and Health Outcomes in Patients with Coronary Artery Disease.” *Journal of General Internal Medicine*. 1997; 12:613-618.
42. Skinner JS, Fisher ES. “Regional disparities in Medicare expenditures: an opportunity for reform.” *National Tax Journal* 1997; 50(3):413-425.
43. Wennberg DE, Lucas FL, Birkmeyer JD, Bredenberg CE, Fisher ES. “Variation in Carotid Endarterectomy Mortality in the Medicare Population. Trial hospitals, volume, and patient characteristics.” *JAMA* 1998; 279:1278-1281.
44. Goodlin SJ, Fisher ES, Patterson JA, Wasson JH. “End-of-Life Care for Persons 80 Years or Older.” *Journal of Ambulatory Care Management* 1998; 21(3):34-39.
45. Welch HG, Fisher ES. “Diagnostic Testing Following Screening Mammography in the Elderly.” *Journal of the National Cancer Institute* 1998; 90(18):1389-92.
46. Pritchard RS, Fisher ES, Teno JM, Sharp SM, Reding DJ, Knaus WA, Wennberg JE, Lynn J. “Influence of Patient Preferences and Local Health System Characteristics on the Place of Death. SUPPORT Investigators. Study to Understand Prognoses and Preferences for Risks and Outcomes of Treatment.” *Journal of the American Geriatric Society*; 46:1242-1250, 1998.
47. Wasson J.H., Splaine M.E., Bazos D., Fisher E.S. “Overview: working inside, outside, and side by side to improve the quality of health care” *The Joint Commission Journal on Quality Improvement* 1998 October; 24 (10); 513-7; ISSN: 1070-3241



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49. Birkmeyer JD, Finlayson SR, Tosteson AN, Sharp SM, Warshaw AL, Fisher ES. "Effect of hospital volume on in-hospital mortality with pancreaticoduodenectomy." *Surgery*. 1999; 125:250-6.
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52. Chapko MK, Fisher ES, Welch HG. "When should this patient be seen again?" *Effective Clinical Practice* 1999; 2:37-43.
53. Bierman AS, Bubolz TA, Fisher ES, Wasson JH. "How Well Does a Single Question about Health Predict the Financial Health of Medicare Managed Care Plans?" *Effective Clinical Practice* 1999; 2:56-62.
54. Silverman EM, Skinner JS, Fisher ES. "The Association between For-Profit Hospital Ownership and Increased Medicare Spending." *New England Journal of Medicine* 1999; 341:420-6.
55. Ratliff A, et al. "What is a Good Decision?" *Effective Clinical Practice* 1999; 2(4):185-97.
56. Fisher ES, Wennberg JE, Stukel TA, et al. "Associations among hospital capacity, utilization, and mortality of US Medicare beneficiaries, controlling for sociodemographic factors." *Health Services Research*. 2000; 34(6):1351-62.
57. Teno, JM., Fisher ES, et al. "Decision-making and outcomes of prolonged ICU stays in seriously ill patients." *Journal of American Geriatric Society*. 2000 May;48(5 Suppl):S70-4.
58. Virnig BA, Kind S, McBean M, Fisher ES. "Geographic variation in hospice use prior to death." *Journal of the American Geriatrics Society*. 2000 Sept; 48(9); 1117-25. ISSN: 0002-8614
59. Virnig BA, Fisher ES, McBean AM, Kind S. "Hospice use in Medicare managed care and fee-for-service systems." *American Journal of Managed Care*. 2001; 7(8):777-86.
60. Goodman DC. Fisher ES. Little GA. Stukel TA. Chang CH. "The uneven landscape of newborn intensive care services: variation in the neonatology workforce." *Effective Clinical Practice*. 2001; 4(4):143-9.
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62. Bazos DA. Weeks WB. Fisher ES. DeBlois HA. Hamilton E. Young MJ. "The development of a survey instrument for community health improvement." *Health Services Research*. 2001; 36(4):773-92.
63. Skinner J.S., Fisher E.S., Wennberg J.E. "The Efficiency of Medicare" The National Bureau of Economic Research 2001 July; 8395; DOI: 10.3386/w8395

64. Fisher E.S., Welch H.G. "Is This Issue a Mistake?" *Effective Clinical Practice* 2000 November-December; 3(6); 290-293; PMID 11151526
65. Teno JM, Fisher ES, Hamel MB, Coppola K, Dawson NV. "Medical care inconsistent with patients' treatment goals: association with 1-year Medicare resource use and survival", *Journal of the American Geriatrics Society*, 2002 March, 50(3); 496-500. ISSN: 0002-8614
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68. Wennberg JE, Skinner J, Fisher ES. "Geography and the debate over Medicare reform." *Health Affairs web exclusives*. February 13, 2002
69. Fisher ES, Wennberg DE, Stukel TA, Gottlieb DJ, Lucas FL, Pinder EL. "The Implications of Regional Variations in Medicare Spending. Part 1: The Content, Quality, and Accessibility of Care." *Annals Internal Medicine* 2003 Feb 18; 138(4): 273-87.
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72. Teno J.M., Fisher E.S., Mor V., Roy J., Clarridge B., Wennberg J.E. "Dying in HSA with Higher ICU Utilization" *Journal of the American Geriatrics Society* 2003 April; 51; S39-S40;
73. Fisher ES, Wennberg JE. "Health Care Quality, Geographic Variations and the Challenge of Supply-Sensitive Care." *Perspectives in Biology and Medicine*. 2003 Winter;46(1):69-79.
74. Sirovich BE, Gottlieb DJ, Fisher ES. "The burden of prevention: downstream consequences of Pap smear testing in the elderly." *Journal of Medical Screening*. 2003;10(4):189-95.
75. Wennberg JE, Fisher ES, Stukel TA, Skinner JS, Sharp SM, Bronner KK. "Use of hospitals, physician visits, and hospice care during last six months of life among cohorts loyal to highly respected hospitals in the United States." *BMJ*. 2004 Mar 13;328(7440):607.
76. Brown D, Fisher ES. "Femur fractures in infants and young children." *American Journal of Public Health*. 2004 April; 94; (4): 558-560.
77. Larson RJ, Fisher ES. "Should aspirin be continued in patients started on warfarin?" *Journal of General Internal Medicine*. 2004 Aug;19(8):879-86.

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81. Weeks WB, Bazos DA, Bott DM, Lombardo R, Racz MJ, Hannan EL, Fisher ES. "New York's statistical model accurately predicts mortality risk for veterans who obtain private sector CABG." *Health Services Research*. 2005 Aug;40(4):1186-96.
82. Jha AK, Fisher ES, Li Z, Orav EJ, Epstein AM. "Racial trends in the use of major procedures among the elderly." *New England Journal of Medicine*. 2005 Aug 18;353(7):683-91.
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86. Teno JM, Mor V, Ward N, Roy J, Clarridge B, Wennberg JE, Fisher ES. "Bereaved Family Member Perceptions of Quality of End-of-Life Care in U.S. Regions with High and Low Usage of Intensive Care Unit Care." *J Am Geriatr Soc*. 2005 Nov;53(11):1905-11.
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95. Stukel T, Fisher ES. "Analysis of Observational Studies in the Presence of Treatment Selection Bias: Effects of Invasive Cardiac Management on AMI Survival using Propensity Score and Instrumental Variable Methods." *JAMA*. 2007 Jan 17;297(3):278-85.
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