

CURRICULUM VITAE

PART I: General Information

DATE PREPARED: October 20, 2003

Name: Edward Guadagnoli

Office Address: Department of Health Care Policy, Harvard Medical School,
180 Longwood Avenue, Boston, Massachusetts 02115

E-Mail: guadagnoli@hcp.med.harvard.edu **FAX:** 617-432-3285

Place of Birth: Providence, Rhode Island

Education:

1976	BA	Providence College
1984	MA	University of Rhode Island (Experimental Psychology)
1986	Ph.D.	University of Rhode Island (Experimental Psychology)

Academic Appointments:

1987-1989	Assistant Professor of Community Health (Research), Department of Community Health, Brown University
1989-1995	Assistant Professor of Health Care Policy, Department of Health Care Policy, Harvard Medical School
1995-2003	Associate Professor of Health Care Policy, Department of Health Care Policy, Harvard Medical School
2003-	Professor of Health Care Policy, Department of Health Care Policy, Harvard Medical School

Hospital Appointments:

1989-	Assistant Epidemiologist, Department of Medicine, Brigham and Women's Hospital, Boston
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Other Professional Positions:

1987-1989	Division Director, Cancer Control, Center for Gerontology and Health Care Research, Brown University
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Other Professional Positions: (continued)

1985-1987	Senior Project Coordinator, Center for Gerontology and Health Care Research, Brown University
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- 1984-1985 Project Coordinator, Center for Gerontology and Health Care Research, Brown University
- 1982-1984 Data Analyst, Self Change Laboratory, Psychology Department, University of Rhode Island
- 1981-1984 Research Assistant, Walter V. Clarke Associates, Inc., Providence, Rhode Island

Major Committee Assignments:

Harvard University

- 2001- Standing Committee on Health Policy

Harvard Medical School

- 1996-1999 Harvard Medical School/Harvard School of Dental Medicine Joint Council
- 1994-1998 Coordinator, Health Services Research Seminar Series, Department of Health Care Policy
- 1996 Faculty Search Committee, Department of Health Care Policy
- 1998 Faculty Search Committee, Department of Health Care Policy

Regional

- 1997-1998 Harvard Pilgrim Health Care Human Subjects Committee, Boston, Massachusetts

National

- 1993 Scientific Review Committee, National Institutes of Health, National Cancer Institute, Quality of Life Assessment in Special Populations
- 1993 Scientific Review Committee, National Institutes of Health, National Cancer Institute, Adult Survivors of Cancer
- 1993 Scientific Review Committee, Agency for Health Care Policy and Research
- 1996 Breast Cancer Research Peer Review Panel, U.S. Army Medical Research and Materiel Command
- 1997, 1998 Review Committee, Quality Care Research Fund, Aetna Foundation
- 1998 Scientific Review Committee, Agency for Health Care Policy and

- Research
- 1998 Chair, Scientific Review Committee, Special Emphasis Panel, Agency for Health Care Policy and Research
- 1999 Scientific Review Committee, Special Emphasis Panel on Health Services Research Dissemination and Implementation, Agency for Health Care Policy and Research
- 1999 Scientific Review Committee, Administrative Supplements: The Impact of Cancer on the Family, National Cancer Institute
- 1999-2001 Member, Health Services Research Dissemination and Implementation (HRDI) Special Emphasis Panel, Agency for Healthcare Research and Quality (formerly, the Agency for Health Care Quality and Research)
- 2001 Scientific Review Committee, Sociocultural, Behavioral, Psychological Research, California Breast Cancer Research Program
- 2001- Member, Health Services Research Dissemination and Implementation (HRDI) Study Section, Agency for Healthcare Research and Quality (formerly, the Agency for Health Care Quality and Research)
- 2002 Reviewer, Changes in Health Care Financing and Organization (HCFO) Initiative, Robert Wood Johnson Foundation
- 2003 Member, Expert Liaison Group of the Breast Cancer Surveillance Consortium, National Cancer Institute
- 2003 Member, Executive Committee, 2004 Annual Meeting, AcademyHealth (formerly, Academy for Health Services Research and Health Policy)
- 2003 Member, Planning Committee, 2004 Annual Meeting, AcademyHealth
- 2003 Theme Leader: Disparities, 2004 Annual Meeting, AcademyHealth
- 2003 Abstract Reviewer, 2004 Annual Meeting, AcademyHealth

International

- 2001 External Reviewer, Heritage Health Scholar Award Program, Alberta Heritage Foundation for Medical Research, Alberta, Canada

Professional Societies:

- 1983- American Psychological Association, Member
- 1988- American Public Health Association, Member
- 1989- AcademyHealth (formerly, Academy for Health Services Research and Health Policy), Fellow

Editorial Boards

Ad hoc reviewer	American Journal of Medicine
Ad hoc reviewer	American Journal of Public Health
Ad hoc reviewer	Annals of Internal Medicine
Ad hoc reviewer	Cancer
Ad hoc reviewer	Circulation
Ad hoc reviewer	The Gerontologist
Ad hoc reviewer	Health Services Research
Ad hoc reviewer	Inquiry
Ad hoc reviewer	International Journal for Quality in Health Care
Ad hoc reviewer	Journal of the American College of Cardiology
Ad hoc reviewer	Journal of the American Medical Association
Ad hoc reviewer	Journal of the American Medical Women's Association
Ad hoc reviewer	Journal of Clinical Oncology
Ad hoc reviewer	Journal of General Internal Medicine
Ad hoc reviewer	Journal of Gerontology: Medical Sciences
Ad hoc reviewer	Journal of Gerontology: Social Sciences
Ad hoc reviewer	Journal of Health and Social Behavior
Ad hoc reviewer	Journal of the National Cancer Institute
Ad hoc reviewer	Journal of Parenteral and Enteral Nutrition
Ad hoc reviewer	Medical Care
Ad hoc reviewer	The Milbank Quarterly
Ad hoc reviewer	The New England Journal of Medicine
Ad hoc reviewer	Social Science & Medicine

Awards and Honors:

1974	Phi Sigma Tau
1994-1996	Picker/Commonwealth Scholar
1997	Fellow; Academy for Health Services Research and Health Policy

PART II: Research and Teaching Contributions**Research Contributions:**

Dr. Guadagnoli's research focuses on evaluating the quality and outcomes of health care, examining access to health care, and evaluating health care interventions. His work in the area of cancer care has touched on all of these topics. He has studied the quality of and access to cancer care in various regions of the United States and he has led an evaluation of an intervention to improve discussion of treatment options between patients and their surgeons. He is currently leading a study to examine how well publicly available data such as Medicare billing data and hospital discharge data can characterize the quality of care provided to women with breast cancer. As part of another project, he is studying the factors associated with prescription of and compliance with tamoxifen therapy in patients diagnosed with early-stage breast cancer. He is also a member of the Cancer Care Outcomes Research & Surveillance (CanCORS) Consortium, which is studying the quality of care provided to patients with lung or colorectal cancer treated across the United States. He is a member of the Expert Liaison Group of the Breast Cancer Surveillance Consortium, which is sponsored by the National Cancer Institute.

Since arriving at Harvard, Dr. Guadagnoli has been involved in several large-scale projects to study the quality of care for patients with cardiovascular disease. His work in this area focuses on understanding the factors related to variation in practice across geographic areas and on determining how variation in practice is associated with the quality of care provided to patients. He recently completed an evaluation the quality of cardiac care services provided by the Veterans Health Administration. He is also involved in a project to develop quality indicators for the care of patients with acute myocardial infarction, congestive heart failure, or hypertension.

As part of his work in the areas of quality of care assessment and evaluation of health care interventions, Dr. Guadagnoli is leading an evaluation of the Health Disparities Collaboratives program, which is an effort of the Bureau of Primary Health Care to improve the quality of care in the nation's community health centers and to reduce health disparities. This evaluation will involve 60 community health centers from throughout the country and nearly 10,000 patients with diabetes, asthma, or hypertension.

A more recent interest involves evaluating the effect of managed care on the quality of health care. Dr. Guadagnoli recently reported that the delivery of appropriate care for acute myocardial infarction, as defined by established standards, varies for those Medicare beneficiaries enrolled in managed care versus those who receive care in the traditional fee-for-service setting. He is currently leading a study to determine which features of managed care are associated with the quality of care provided to patients

with diabetes and hypertension and he is leading several studies that will examine the association between the level of managed care in a market and the quality of care for patients with acute myocardial infarction or cancer.

Dr. Guadagnoli is also interested in understanding how to improve the rate of organ donation in the United States. This work has focused on assessing the process of making a donation request in the hospital, but he has also studied the public's and providers' attitudes and beliefs about donation. He recently completed a study that estimated the organ donor potential in the United States and that evaluated the performance of the nation's Organ Procurement Organizations.

Research Funding:

2003-2004	Blue Cross Blue Shield Association BlueWorks	Investigator
2003-2005	AHRQ/R01 (HS 013099) Validation of an Innovative Approach to Error Reduction	Investigator
2002-2005	AHRQ/RFA (HS13653);HRSA/Commonwealth Fund Evaluation of Health Disparities Collaboratives	PI
2002-2005	AHRQ/R01 (HS 11431) Coverage, organization of care, and colorectal screening	Investigator
2001-2004	NCI/R01 (CA 92588) Managed care market share and cancer care	PI
2001-2006	NCI/RFA (CA 93324) Cancer care outcomes research and surveillance consortium (CanCORS)	Investigator
2001-2006	NCI/RFA (CA 93344) Cancer care outcomes research and surveillance consortium (CanCORS) statistical coordinating center	Investigator
2001-2005	AHRQ/RFA/P01 (HS 11534) Improving medication safety across clinical settings	Investigator
2000-2003	AHRQ/R01 (HS 11073) Improving utilization of ischemic stroke research	Co-PI
2000-2002	AHRQ/RFA/P01 (HS 10803)	PI

	Managed care market share and quality of care	
2000-2004	NCI/ R01 (CA 84506) Breast cancer treatment outcomes in older women	Investigator
1999-2000	HCFA Pilot study to improve hospital performance in increasing organ donation	PI
1999-2002	Veterans Administration/RFA Program evaluation of the provision of cardiac care	Investigator
1998-2003	AHCPR (HS 09936)/AAHPF (HS98-005)/RFA Effect of health plans on the care of diabetes and hypertension.	PI
1998-2001	NCI/R01 Using cancer registries to assess the quality of cancer care.	Investigator
1998-2003	NCI/R01 (CA 75545) Data sources and patterns of care for breast cancer.	PI
1998-2000	AHCPR/R01 Impact of physician specialty on post-MI care and outcomes.	Investigator
1998-2000	AHCPR/RFA Validation of quality measures for hip replacement.	Investigator
1996-2003	AHCPR/RFA (HS 09487) Quality of care measures for cardiovascular disease patients.	Investigator
1996-2001	NCI/R01 Adjuvant tamoxifen therapy in old age.	Co-PI
1996-1998	Harvard Pilgrim Health Care Foundation Epidemiology, detection, and consequences of postsurgical and postpartum infections.	Investigator
1995-1998	AHCPR/RFA Consumer assessment of health plans.	Investigator
1994-1999	AHCPR/R01 Care, costs, and outcomes of local breast cancer.	Investigator
1994-1996	Picker/Commonwealth Fund	PI

	Exploring aspects of patient participation in decision-making: assessment of patients' readiness to participate in decision-making and evaluation of the impact of patients' involvement in decision-making on their health-related quality of life.	
1994-1998	AHCPR/R01	Investigator Validating guidelines for the care of AMI patients.
1993-1996	NCI/R01	Co-PI Hierarchical modeling for assessment of breast cancer care.
1993-1995	Friends of Dana-Farber Cancer Institute	Investigator Outcomes of treatment for early stage breast cancer.
1992-1995	NCI/R01	PI Practice guidelines: can we explain failure to comply?
1992-1995	NCI/RFA	PI Improving quality of breast cancer care in elderly women.
1992-1996	AHCPR/R01	Investigator Improving compliance with acute MI practice guidelines.
1992	Robert Wood Johnson Foundation	PI A synthesis and summary of the outcomes research field.
1991-1993	New England Deaconess Hospital	PI Outcomes associated with treatment of peripheral vascular disease.
1991-1992	American Academy of Otolaryngology – Head and Neck Surgery and American Academy of Pediatrics	PI The effectiveness of treatment for throat disease and ear disease.
1990-1993	NIH/R01	Investigator Impact of management strategies on chest pain patients.
1990-1991	American Institute for Research	Investigator The health related aspects of mid-life development.
1989-1994	AHCPR/R01	Investigator The consequences of variation in the treatment of acute myocardial infarction.

1989-1992	Hartford Foundation	Investigator	Variation in practice patterns and outcomes in patients hospitalized for medical and surgical conditions.
1989-1990	NIA/R01	Investigator	The influence of age, case-mix, process, and outcome in hospitalized patients.
1989-1991	NCI/RFA	Investigator	The acceleration of change toward positive cancer control and prevention behaviors.
1988-1989	NCI/R01	Project Director	The influence of health and social factors on the costs associated with receipt of health services.
1987-1989	NCI/RFA	Investigator	The home care needs of patients initiating chemotherapy or radiation therapy in three areas of the Northeastern United States.
1987-1988	NCI/R01	Project Director	The health and social costs of cancer care for a population of newly diagnosed patients.
1985-1989	NCI/RFA	Project Director	The unmet needs among cancer patients with recurrent diseases.
1985	Cancer Care, Inc.	Senior Analyst	Analysis of a survey of clients' needs.
1984-1987	NIH/RFA	Evaluator/Analyst	Evaluation of the Brown University Transfusion Medicine Program.
1984-1987	NCI/RFA	Project Coordinator	The effect of patient age on cancer treatment choices and outcomes.
1982-1984	NCI/R01	Data Analyst	Stages and processes of smoking cessation.

Current Research Activities

Evaluation of Health Disparities Collaboratives	PI
Managed care market share and cancer care	PI
Managed care market share and quality of AMI care	PI
Effect of health plans on the care of diabetes and hypertension	PI
Data sources and patterns of care for breast cancer	PI
Improving utilization of ischemic stroke research	Co-PI
Coverage, organization of care, and colorectal screening	Investigator
Cancer care outcomes research and surveillance consortium	Investigator
Cancer care outcomes research and surveillance consortium: Statistical Coordinating Center	Investigator
Breast cancer treatment outcomes in older women	Investigator
Improving medication safety across clinical settings	Investigator
Validation of an innovative approach to error reduction	Investigator
BlueWorks	Investigator

Report of Teaching:

Local Contributions

Harvard Medical School

- 1990-1991** Patient-Doctor I
Section Co-leader
6 medical students
1-2 hours/week for 9 months; 2.5 hours/week for 9 months
- 1990-1991** Medical Decision Making and Clinical Epidemiology

Department of Health Care Policy
Lecturer
15 medical students
8 hours/year; 3 hours/year

1991 Managing Health Care in an Era of Change
Department of Health Care Policy
Lecturer
20 fellows and residents
4 hours/year; 2 hours/year

Harvard School of Public Health

1994 Clinical Effectiveness Fellowship
Outcomes Measurement
Department of Health and Social Behavior
Lecturer
30 fellows and residents
8 hours/year; 4 hours/year

1996 Health Services Research
Department of Health Policy and Management
Lecturer
50 fellows
16 hours/year, 4 hours/year

Harvard University

1997 Understanding the New World of Health Care
Lecturer
47 Participants
16 hours/year; 3 hours/year

1999 Core Seminar in Health Policy: Quality of Care
Lecturer
20 Graduate Students
20 hours/year, 2 hours/year

Advisory and Supervisory Responsibilities

Undergraduate Students:
Massachusetts Institute of Technology

Graduate Students:

Department of Health Policy and Management, Harvard School of Public Health, Boston, MA

Department of Industrial Engineering, University of Wisconsin-Madison

Fellows:

Brigham and Women's Hospital, Boston, MA

Massachusetts General Hospital, Boston, MA

Deaconess Hospital, Boston, MA

Dana-Farber Cancer Institute, Boston, MA

Children's Hospital, Boston, MA

Mentor

1999-2002 Nancy L. Keating, M.D., M.P.H.

Instructor

Department of Health Care Policy

Clinical Scientist Award, Doris Duke Charitable Foundation

2000-2001 Franco Sassi, Ph.D.

Lecturer in Health Policy

Department of Social Policy and Administration

The London School of Economics and Political Science

London, UK

Harkness Fellowship in Health Care Policy, Commonwealth Fund

Regional, National, and International Contributions

Teaching

Brown University

1988-1989 Social Science Research Methods in Health Care

Department of Community Health

Lecturer

25 undergraduate students

10 hours/week for 5 months; 3 hours/week for 5 months

Invited Presentations

1988

Lecture

Age considerations in the treatment and management of neoplasm.

Second Annual Conference on Geriatric Medicine and

Rehabilitation, Albany, New York.

- 1990** Lecture
Telephone Surveys.
Cancer Prevention Research Unit, Brown University, Providence RI.
- Lecture
Patient Outcome Assessment Teams (PORTs): The Harvard PORT Experience.
American Academy of Otolaryngology - Head and Neck Surgery, Alexandria, VA.
- Lecture
Patient Outcome Assessment Teams (PORTs): Utilizing research in designing future programs and policy.
Fifth Annual Meeting of the American Medical Review Research Center, Boulder, CO.
- 1991** Lecture
Outcomes research: An overview and example.
Annual Meeting of the Healthcare Information and Management Systems Society, San Francisco, CA.
- Seminar
Logistic regression analysis.
Cancer Prevention Research Unit, University of Rhode Island, Kingston, RI.
- 1992** Lecture
Health services research: What is it?
Annual Meeting of the American Society of Parenteral and Enteral Nutrition Clinical Congress, Orlando, FL.
- 1993** Discussant
Gender bias: Differences in treatment patterns.
Annual Meeting of the Association for Health Services Research, Washington, DC
- 1995** Seminar
Variation in the use of cardiac procedures following acute myocardial infarction: A comparison of practice in two states.
Quality of Care Seminar, Harvard School of Public Health, Boston, MA.

Seminar

Interpreting interaction terms in logistic regression.
Center for Health Services Research and Long-Term Care
Gerontology, Brown University, Providence, RI.

Lecture

Variation in the use of cardiac procedures following acute
myocardial infarction.
Hawaii Medical Service Association, Honolulu, HI.

1996

Lecture

Variation in and outcomes of the use of cardiac procedures in New
York and Texas.
Presented to the Visiting Committee from Viborg County, Denmark;
Harvard School of Public Health, Boston, MA.

Seminar

Measuring quality of life in clinical trials.
American Institute for Medical and Biological Engineering,
Washington, DC.

Seminar

The treatment of early stage breast cancer in Minnesota and
Massachusetts.
Institute for Health Care Research and Policy, Georgetown
University, Washington, DC.

Lecture

Exploring aspects of patient participation in decision-making:
Assessment of patients' readiness to participate in decision-making
and evaluation of the impact of patients' involvement in decision-
making on their health-related quality of life.
Picker/Commonwealth Scholars meeting, Atlanta, GA.

Lecture

Improving the quality of breast cancer care for elderly women.
National Cancer Institute, Bethesda, MD.

Lecture

Variation in and outcomes of the use of cardiac procedures in two
states.
Viborg Amt Health Department, Viborg, Denmark.

- 1997** Seminar
The influence of hospital characteristics on the treatment of acute myocardial infarction.
Quality of Care Seminar, Harvard School of Public Health, Boston, MA.
- Lecture
Validating guidelines for the care of patients with acute myocardial infarction.
American Association of Health Plans Conference, New Orleans, LA.
- Lecture
Propensity score analysis.
Board of Directors, American Association for Parenteral and Enteral Nutrition, Washington, DC.
- 1998** Seminar
The public's willingness to discuss their preference for organ donation with family members: Application of the stages of change from the transtheoretical model of behavior change.
The Partnership for Organ Donation, Boston, MA.
- Seminar
Applying appropriateness criteria to practice: Do those who need coronary angiography after acute myocardial infarction receive it?
Institute for Health Policy and Health Services Research, University of Massachusetts Medical Center, Worcester, MA.
- Seminar
Assessing the pattern of care for breast cancer: Two examples.
Department of Medicine, University of Massachusetts Medical Center, Worcester, MA.
- 2000** Seminar
Socioeconomic characteristics of residential areas
SEER-Medicare Workshop
National Cancer Institute, Rockville, MD
- Lecture
Appropriate use of coronary angiography after acute MI among Medicare beneficiaries – managed care versus fee-for-service
Health Care Policy Advisory Council
Harvard Medical School, Boston MA

- 2001** Lecture
The influence of features of managed care on the
quality of care for diabetes
Quality Conference, American Association of Health Plans
Chicago, IL
- 2003** Seminar
Impact of the HRSA Health Disparities Collaboratives
Health Disparities Collaboratives Oversight Committee
Agency for Healthcare Research and Quality, Rockville, MD
- Seminar (11/03)
The quality of cardiac care in the Veterans Health Administration
Center for Outcomes, Research, & Education
Northwestern University, Evanston, IL

PART III: Bibliography

Original Articles:

1. Merenda PF, Guadagnoli E, Sparacino RR. Standardization of the Italian form of the Rhode Island Pupil Identification Scale. *School Psychology International* 1983;4:41-6.
2. Norcross JC, Prochaska JO, Guadagnoli E, DiClemente CC. Factor structure of the Levels of Attribution and Change (LAC) scale in samples of psychotherapists and smokers. *J Clin Psychology* 1983;40:519-28.
3. Norcross JC, Guadagnoli E, Prochaska JO. Factor structure of the Profile of Mood States (POMS): Two partial replications. *J Clin Psychology* 1984;40:1270-7.
4. Plante TG, Goldfarb LA, Guadagnoli E. Construct validity of the Activity Vector Analysis utilizing the Sixteen Personality Factor Questionnaire. *J Clin Psychology* 1985;41:220-30.
5. Merenda PF, Guadagnoli E, Sparacino RR. Validation of the Italian form of the Rhode Island Pupil Identification Scale. *School Psychology International* 1985;6:225-8.
6. Elder JP, Artz LM, Beaudin P, Carleton RA, Lasater TM, Peterson G, Rodrigues A, Guadagnoli E, Velicer WF. Multivariate evaluation of health attitudes and behavior: Development and validation of a method for health promotion research. *Preventive Med* 1985;14:34-54.

7. Mor V, Guadagnoli E, Wool M. An examination of the concrete service needs of advanced cancer patients. *J Psychosocial Oncology* 1987;5:1-17.
8. Goldberg RJ, Guadagnoli E, La Farge S. A survey of housestaff attitudes towards terminal care education. *J Cancer Educ* 1987;2:159-63.
9. Mor V, Guadagnoli E, Masterson-Allen S, Silliman R, Weitberg A, Glicksman AS, Cummings F, Goldberg R, Fretwell M. The Brown University Cancer and Aging Study: A statewide cooperative investigation. *RI Med J* 1988;71:379-86.
10. Mor V, Guadagnoli E, Masterson-Allen S, Silliman R, Glicksman AS, Cummings FJ, Goldberg RJ, Fretwell MD. Lung, breast, and colorectal cancer: The relationship between extent of disease and age at initial diagnosis. *J Am Geriatrics Society* 1988;36:873-6.
11. Mor V, Guadagnoli E. Quality of life measurement: A psychometric Tower of Babel. *J Clin Epidemiol* 1988;41:1055-8.
12. Guadagnoli E, Velicer WF. Relation of sample size to the stability of component patterns. *Psychological Bulletin* 1988;103:265-75.
13. Crowley JP, Guadagnoli E, Johnston M, Grobman H, Eisenstaedt R, Glanz K, Moss G, Harding F. An analysis of the transfusion medicine content of the National Board of Medical Examiners. *Am J Clin Pathol* 1988;89:378-80.
14. Crowley JP, Guadagnoli E, Fuller J, Yankee R. Changes in hospital component therapy in response to reduced availability of whole blood. *Transfusion* 1988;28:4-7.
15. Mor V, Guadagnoli E, Wool M. The role of concrete services in cancer care. *Adv Psychosom Med* 1988;18:102-18.
16. Silliman R, Guadagnoli E, Weitberg A, Mor V. Age as a predictor of diagnostic and initial treatment intensity in breast cancer patients. *J Gerontol* 1989;44:M46-50.
17. Guadagnoli E, Mor V. Measuring cancer patients' affect: Revision and psychometric properties of the Profile of Mood States (POMS). *Psychological Assessment: J Consulting and Clin Psychology* 1989;1:150-4.

18. Wool M, Guadagnoli E, Thomas M, Mor V. Negotiating concrete needs: Short-term training for high risk cancer patients. *Health and Social Work* 1989;14:184-95.
19. Guadagnoli E, Cunningham S. The effects of non-response and late response on a survey of physicians' attitudes. *Evaluation and the Health Professions* 1989;12:318-28.
20. Guadagnoli E, Weitberg A, Mor V, Silliman R, Glicksman AS, Cummings F. The influence of patient age on the diagnosis and treatment of lung and colorectal cancer. *Arch Intern Med* 1990;150:1485-90.
21. Mor V, Masterson-Allen S, Goldberg R, Guadagnoli E, Wool M. Pre-diagnostic symptom recognition and help seeking among cancer patients. *J Community Health* 1990;15:253-66.
22. Goldberg R, Guadagnoli E, Silliman R, Glicksman AS. Cancer patients' concerns: congruence between patients and primary care physicians. *J Cancer Education* 1990;5:193-9.
23. Guadagnoli E, Mor V. Daily living needs of cancer outpatients: Prevalence and correlates. *J Community Health* 1991;16:37-47.
24. Prochaska JO, Velicer WF, DiClemente CC, Guadagnoli E, Rossi J. Patterns of change: Dynamic typology applied to smoking cessation. *Multivariate Behavioral Research* 1991;26:83-107.
25. Guadagnoli E, Velicer WF. A comparison of pattern matching indices. *Multivariate Behavioral Research* 1991;26:323-43.
26. Epstein L, Guadagnoli E. Introducing medical students to patients: The students' perspective. *RI Med J* 1991;74:321-6.
27. Guadagnoli E, Rice C, Mor V. Cancer patients' knowledge of and willingness to use agency-based services: Toward application of a model of behavior change. *J Psychosocial Oncology* 1991;9:1-21.
28. Guadagnoli E, Cleary PD. Age-related item non-response in surveys of recently discharged surgical patients. *Journal of Gerontology: Psychological Sciences* 1992;47:P206-12.
29. Guadagnoli E, Ayanian JZ, Cleary PD. Comparison of patient-reported outcomes after elective coronary artery bypass grafting in patients aged

- greater than or equal to or less than 65 years. *Am J Cardiol* 1992;70:60-4.
30. Mort EA, Guadagnoli E, Schroeder S, Greenfield S, Mulley A, McNeil BJ, Cleary PD. The influence of age on clinical and patient reported outcomes after cholecystectomy. *J Gen Int Med* 1994;9:61-5.
 31. Guadagnoli E, McNeil BJ. Outcomes research - hope for the future or the latest rage? *Inquiry* 1994;31:14-24.
 32. Katz JN, Wright EA, Guadagnoli E, Liang MH, Karlson EW, Cleary PD. Differences between men and women undergoing major orthopedic surgery for degenerative arthritis. *Arthritis and Rheum* 1994;37:687-94.
 33. Cullen DJ, Apolone G, Greenfield S, Guadagnoli E, Cleary P. ASA physical status and age predict morbidity after three surgical procedures. *Annals Surgery* 1994;220:3-9.
 34. Haas JS, Cleary PD, Guadagnoli E, Fanta C, McNeil BJ, Epstein AM. The impact of socioeconomic status on the intensity of ambulatory treatment and health outcomes after hospital discharge for adults with asthma. *J Gen Int Med* 1994;9:121-6.
 35. Ayanian JZ, Hauptman PJ, Guadagnoli E, Antman EM, Pashos CL, McNeil BJ. Knowledge and practices of generalist and specialist physicians regarding drug therapy for acute myocardial infarction. *N Engl J Med* 1994;331:1136-42.
 36. Tsevat J, Weeks JC, Guadagnoli E, Tosteson A, Mangione C, Pliskin J, Weinstein MC, Cleary PD. Using health-related quality-of-life information: clinical encounters, clinical trials, and health policy. *J Gen Int Med* 1994;9:576-82.
 37. Guadagnoli E, Cleary PD. How consistent is patient-reported pre-admission health status when collected during and after hospital stay? *Med Care* 1995;33:106-12.
 38. Gibbons GW, Burgess AM, Guadagnoli E, Pomposelli FB, Freeman DV, Campbell DR, Miller A, Marcaccio EJ, Nordberg P, LoGerfo FW. Return to well being and function following infrainguinal revascularization. *J Vas Surg* 1995;21:35-45.
 39. Lee TH, Pearson SD, Johnson PA, Garcia TB, Weisberg MC, Guadagnoli E, Cook EF, Goldman L. Failure of information as an intervention to modify clinical management. A times series trial in patients with acute

- chest pain. *Annals Intern Med* 1995;122:434-7.
40. Guadagnoli E, Ayanian JZ, Gibbons G, McNeil BJ, LoGerfo F. The influence of race on the use of surgical procedures for treatment of peripheral vascular disease of the lower extremities. *Arch Surg* 1995;130:381-6.
 41. Hauptman PJ, Pashos CL, Kirshenbaum J, Guadagnoli E, Flather MD. Clinical dilemmas and policy controversies in the early management of acute myocardial infarction. *J Clin Outcomes Management* 1995;2:9-30.
 42. Guadagnoli E, Cleary PD, McNeil BJ. The influence of socioeconomic status on change in health status after hospitalization. *Soc Sci & Med* 1995;40:1399-1406.
 43. Guadagnoli E, Hauptman PJ, Ayanian JZ, Pashos CL, McNeil BJ, Cleary PD. Variation in the use of cardiac procedures after acute myocardial infarction. *N Engl J Med* 1995;333:573-8.
 44. Pearson SD, Goldman L, Orav EJ, Guadagnoli E, Garcia TB, Johnson PA, Lee TH. Triage decisions for emergency department patients with chest pain: Do physicians' risk attitudes make a difference? *J Gen Int Med* 1995;10:557-64.
 45. Ayanian JZ, Guadagnoli E, Cleary PD. Physical and psychosocial functioning of women and men after coronary artery bypass surgery. *JAMA* 1995;274:1767-70.
 46. McLaughlin TJ, Soumerai SB, Willison DJ, Gurwitz J, Borbas C, Guadagnoli E, McLaughlin B, Morris N, Cheng SC, Hauptman PJ, Antman E, Casey L, Asinger R, Gobel F. Adherence to national guidelines for drug treatment of suspected acute myocardial infarction: evidence for undertreatment for women and the elderly. *Arch Intern Med* 1996;156:799-805.
 47. Ayanian JZ, Guadagnoli E. Variations in breast cancer treatment by patient and provider characteristics. *Breast Cancer Research and Treatment* 1996;40:65-74.
 48. Gurwitz J, McLaughlin TJ, Willison DJ, Guadagnoli E, Hauptman PJ, Gao X, Soumerai S. Delayed hospital presentation in patients who have had acute myocardial infarction. *Annals Intern Med* 1997;126:593-9.
 49. Guadagnoli E, Shapiro C, Gurwitz JH, Silliman RA, Weeks JC, Borbas C,

- Soumerai SB. Age-related patterns of care: Evidence against ageism in the treatment of early-stage breast cancer. *J Clin Oncol* 1997;15:2338-44.
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