

Appendix E

Selected Studies Related to the Quality of Medical Care^a

Study	Period	Funding
FEDERAL STUDIES		
Health Care Financing Administration:		
1. Nonintrusive Outcome Measures: Identification and Validation . . .	9/84 to mid/88	\$865,000
2. Impact of the DRG-Based Prospective Payment System on Quality of Care for Hospitalized Medicare Patients	9/85 to 9/88	\$3,500,000
3. Prospective Payment Beneficiary Impact Study	Ongoing	Intramural
4. The Impact of the Prospective Payment System on the Quality of Inpatient Care	9/84 to 9/88	\$275,689
5. Indexes of Hospital Efficiency and Quality	3/86 to 12/87	\$227,097
6. Pilot Study of the Appropriateness of Post-Hospital Care Received by Medicare Beneficiaries	3/86 to 8/87	\$1,133,000
7. Learning From and Improving Diagnosis-Related Groups for End-Stage Renal Disease Patients.	9/84 to 12/87	\$375,500
8. Changes in Post-Hospital Service Use by Medicare Beneficiaries . .	9/85 to 6/87	\$203,600
9. Patient Classification Systems: An Evaluation of the State of the Art.	7/87 to 6/89	\$1,602,544
10. An Automated, Data-Driven, Case-Mix Adjustment System for Studies of Quality of Care	7/87 to 6/90	\$526,948
11. Trends in Patterns of Post-Hospital Service Use and Their Impact on Outcomes	6/87 to 5/90	\$293,922
12. Evaluating Outcomes of Hospital Care Using Claims Data.	7/87 to 6/89	\$500,000
13. Methods To Improve Case-Mix and Severity of Illness Classification for Use in the Medicare Prospective Payment System	9/85 to 7/88	\$1,013,395
14. Impact of the Prospective Payment System on Post-Hospital Care Among Medicare/Medicaid Recipients	8/86 to 6/87	\$111,969
15. Impact of the Prospective Payment System on Mortality Rates: Adjustments for Case-Mix Severity.	8/86 to 6/87	\$125,000
16. Health Status at Discharge Research Project	9/85 to 6/87	\$68,000
17. Pneumococcal Pneumonia Immunization in the Baltimore Area . . .	2/88 to 8/88	\$24,000
18. National End-Stage Renal Disease Registry	2/88 to 2/93	\$6,000,000
19. Study of the End-Stage Renal Disease Program	10/88 to 12/90	In negotiation
20. Strategies for Assessing and Assuring Quality of Care in the Medicare Program	10/87 to 12/89	\$1,900,000
21. Mortality Predictors Project	8/87 to 9/88	\$600,000
22. Influenza Vaccine Demonstration	10/88 to 9/90 ^c	\$25,000,000 per year
23. Quality of Care: Selected Issues in Medicaid	9/88 to 9/90	In negotiation
24. Health Care Outcomes by Geographic Area	9/87 to 4/88	Intramural
25. Alternative Outcomes Study.	9/87 to 4/88	Intramural
26. A National Program To Improve the Quality of ICU Services	1/88 to 12/90	\$770,000
27. Impact of the Prospective Payment System on the Quality of Long-Term Care in Nursing Homes and Home Health Agencies	8/86 to 1/88	\$374,011
28. Development, Pilot Testing, and Refinement of Valid Outcome Measures for the Home Care Setting	9/85 to 8/88	\$188,766
29. Special Projects for the Monitoring of Quality of Care (PRO Pilot Project).	12/86 to 7/88	Intramural
30. Development of Uniform Clinical Data Set and Screening Algorithms	9/87 to 1/89	Intramural

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National Center for Health Services Research:		
1. Appropriate and Inappropriate Use of Ancillary Services	9/85 to 5/89	\$791,864
2. Dental Demand and Public Oral Health	2/86 to 3/88	\$172,371
3. Variations in Hospital and Physician Resource Use	2/86 to 1/88	\$164,401
4. The Effect of Computerization on the Nursing Process.	7/86 to 6/89	\$151,400
5. Doctor-Child Communication: Improving Health Outcomes	2/86 to 1/89	\$385,107
6. Small Area Analysis of Surgery for Back Pain.	2/87 to 6/88	\$69,949
7. Research in Trauma Indices	7/86 to 6/89	\$217,500
8. Impact of DRGs on Public Home Health Nursing Services	9/86 to 2/89	\$454,722
9. Information Retrieval in National Survey	3/86 to 2/88	\$137,504
10. AIDS and Other Patients' Use of ICU Technologies	5/88 to 10/89	\$85,394
11. Assessment of Coronary Care Unit Use in Different Hospitals	5/87 to 4/89	\$454,797
12. Impact of Payment Restrictions on Physician Decisions	9/86 to 8/88	\$371,617
13. Comparison of Extracorporeal and Percutaneous Lithotripsy	9/87 to 8/89	\$324,816
14. Quality Differences Among Primary Care Practitioners	9/86 to 9/88	\$21,550
15. New Techniques for Pretesting Survey Questions	9/87 to 2/89	\$212,509
16. Effects of Advance Directives in Medical Care	6/87 to 1/90	\$625,191
17. International Collaborative Study of Oral Health Outcomes	6/87 to 5/92	\$503,049
18. Variations in Coronary Artery Bypass: Determinants and Clinical Significance	9/86 to 9/88	\$21,600
19. Validation of AIS and ISSE for Pediatric Trauma	9/86 to 9/88	\$79,460
20. Statistical Methods for Longitudinal Health Data	7/87 to 6/90	\$161,281
21. Determinants of Inappropriate Hospital Admissions	9/87 to 9/88	\$32,509
22. Evaluating Outcomes of Hospital Care Using Claims Data.	9/87 to 8/89	\$1,342,809
23. Teaching Effects on Outcomes and Costs of Patient Care	7/87 to 6/88	\$21,600
24. Technology Assessment: Evaluation of Electronic Fetal Monitoring	7/87 to 6/88	\$20,198
25. A Research Agenda on Rural Health	2/87 to 1/88	\$190,000
26. Variability in "No Code" Orders Among Very Ill Patients	9/87 to 9/88	\$64,544
27. The Effect of WIC on Adolescent Pregnancy Outcomes	9/87 to 9/88	\$21,578
28. Diffusion of New Drug Technologies	9/87 to 9/88	\$19,647
29. Evaluation of Family Impact of Home Apnea Monitoring	9/87 to 3/89	\$21,471
30. Variations in Physician Practice Style and Outcomes of Care	1/88 to 12/90	\$539,389
General Accounting Office:		
1. How Effective ~ the Credentialing and Delineation of Privileges at VA Medical Centers	9/87 to 1/88	Intramural
2. Study of the VA's Infection Control Program	3/87 to 1/88	Intramural
3. Review of the DOD's Health Care Licensure and Credentialing Systems	10/85 to 2/88	Intramural
4. Medicare: Improving Quality of Care Assessment and Assurance	3/86 to 4/88	Intramural
5. Medicare: Improved Patient Outcome Analyses Could Enhance Quality Assessment	1/87 to 6/88	Intramural
Prospective Payment Assessment Commission:		
1. Trends and Concentration of Specialized Procedures Under the Prospective Payment System	10/87 to (work still in progress)	\$49,797
2. Assessing Quality Assurance Software Packages	6/87 to 1/87	\$14,417
3. Evaluating PRO Activities in the Preadmission Review Process	6/87 to 12/87	\$34,442
4. Adjustment Methodologies for Outcome Statistics.	9/87 to 1/88	\$18,206
NONFEDERAL STUDIES		
American College of Physicians:		
I. Clinical Efficacy Assessment Project	Ongoing	\$140,000 per year

Study	Period	Funding
American Medical Review Research Center:		
1. Small Area Analysis of Variation in Utilization and Outcome	10/87 to 6/90	\$1,730,000
Cigna Foundation		
1. The Quality of Care Initiatives-to promote the private sector's capacity to measure and monitor the quality of health care	11/87 to 11/88	\$150,000
Henry J. Kaiser Foundation:		
1. National Study of Medical Care Outcomes ^a	12/84 to 1989	\$3,600,000
2. Improving the Functional Outcomes of Chronic Arthritis Patients by Improving Rheumatological Practice	11/86 to 1991	\$443,498
Hospital Research and Educational Trust: ^b		
1. The Quality Measurement Task Force	7/87 to 3/88	\$150,000 ^c
John A. Hartford Foundation:		
1. Monitoring the Quality of Care in Capitated Systems of Health Care.	11/87 to 11/88	\$205,481
2. To foster a more rational and uniform approach to data collection among State health care data agencies and others	1/87 to 1989	\$250,000
3. Managed Care Development Project and Epidemiological Model for Quality Assessment in an HMO	4/87 to 3/89	\$408,000
4. The Value Managed Health Care Purchasing Project	1/88 to 1/90	\$200,000
Joint Commission for the Accreditation of Healthcare Organizations:		
1. The "Agenda for Change" (including the development of clinical indicators and risk adjustment methods across all health care settings) ~ ~ ~ ~ ~	Ongoing	Approx. \$2,000,000 per year, from multiple sources
The Pew Charitable Trusts:		
1. National Study of Medical Care Outcomes ^a	1986 through 4 yrs	\$1,000,000
2. The Effects of Primary Nursing versus Team Nursing on the Quality and Cost of Inpatient Care	1986 through 3 yrs	\$200,000
3. Quality, Case Mix, and the Cost of Hospital Care	2/87 through 2 yrs	\$349,000
Robert Wood Johnson Foundation:		
1. To understand the relationship of patient and physician characteristics to the appropriateness of care	8/87 to 1/89	\$225,000
2. Testing and Evaluation of a Statewide Quality indicator Screening System for Hospital Trustees and Physicians	1/88 to 12/90	\$368,000
3. Utilization management system to assure quality care	4/86 to 3/88	\$272,966
4. Develop an agenda for a national committee for quality assurance for HMOS.	1/88 to 6/88	\$49,100
5. A cooperative approach to quality and credentialing in rural Wisconsin hospitals	1/88 to 12/90	\$113,886

^aThis appendix lists studies that were in progress in April 1988 or had been completed in the preceding 11 months.

^bThis study is funded jointly by HCFA and NCHSR.

^cStudy will continue until 9/92 if it is proven cost-effective.

^dThe Abbreviated Injury Scale.

^eThe Injury Severity Scale.

^fThe Special Supplement Food Program for Women, Infants, and Children.

^gThis study is funded jointly by the Henry J. Kaiser Family Foundation, the Pew Charitable Trusts, the Robert Wood Johnson Foundation, the National Center

for Health Services Research, and the National Institute of Mental Health.

^hThis group is an affiliate of the American Hospital Association.

ⁱThese data are the time period and funding for the first phase of the project.

SOURCE: Office of Technology Assessment, 1988.