# References


1. Priority Areas for National Action: Transforming Health Care Quality. Washington, DC: National Academy Press; 2003.
2. National Healthcare Quality Report: Update. Rockville, MD: Agency for Healthcare Research and Quality; 2002 June. Report No.: 02-P028.
3. National Healthcare Disparities Report. Background. 2002 November; Available from: http://www.ahrq.gov/qual/nhdr02/nhdrprelim.htm. Accessed 2003.
4. Institute of Medicine. Crossing the Quality Chasm: A New Health System for the 21st Century. Washington, DC: National Academy Press; 2001.
5. Mallon B, Mallon W. Ernest Amory Codman: The End Result of a Life in Medicine. Philadelphia: WB Saunders; 2000.
6. Dickersin K, Rennie D. Registering clinical trials. JAMA 2003;290(4):516-23.
7. Chassin MR, Galvin RW. The urgent need to improve health care quality. Institute of Medicine National Roundtable on Health Care Quality. JAMA 1998;280(11):1000-5.
8. Kohn L, Corrigan J, Donaldson M, Committee on Quality of Health Care in America IoM, editors. To Err Is Human: Building a Safer Health System. Washington, D.C.: National Academy Press; 1999.
9. Wennberg J, Gittelsohn A. Variations in medical care among small areas. Sci Am 1982;246(4):120-34.
10. Wennberg J, Gittelsohn A. Small area variations in health care delivery. Science 1973;182(117):1102-8.
11. Merrick NJ, Brook RH, Fink A, Solomon DH. Use of carotid endarterectomy in five California Veterans Administration medical centers. JAMA 1986;256(18):2531-5.
12. Brook RH, Lohr KN. Efficacy, effectiveness, variations, and quality. Boundary-crossing research. Med Care 1985;23(5):710-22.
13. Roper WL, Winkenwerder W, Hackbarth GM, Krakauer H. Effectiveness in health care. An initiative to evaluate and improve medical practice. N Engl J Med 1988;319(18):1197-202.
14. Krumholz HM, Radford MJ, Wang Y, Chen J, Heiat A, Marciniak TA. National use and effectiveness of beta-blockers for the treatment of elderly patients after acute myocardial infarction: National Cooperative Cardiovascular Project. JAMA 1998;280(7):623-9.
15. 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(16):1278-81.
16. Katzan IL, Furlan AJ, Lloyd LE, Frank JI, Harper DL, Hinchey JA, et al. Use of tissue-type plasminogen activator for acute ischemic stroke: the Cleveland area experience. JAMA 2000;283(9):1151-8.
17. Flum DR, Morris A, Koepsell T, Dellinger EP. Has misdiagnosis of appendicitis decreased over time? A population-based analysis. JAMA 2001;286(14):1748-53.
18. Decline in deaths from heart disease and stroke—United States, 1900-1999.

MMWR Morb Mortal Wkly Rep 1999;48(30):649-56.

19. Schuster MA, McGlynn EA, Brook RH. How good is the quality of health care in the United States? Milbank Q 1998;76(4):517-63, 509.

20. Jencks SF, Cuerdon T, Burwen DR, Fleming B, Houck PM, Kussmaul AE, et al. Quality of medical care delivered to Medicare beneficiaries: A profile at state and national levels. JAMA 2000;284(13):1670-6.

21. Wenger N, Solomon D, Roth C, MacLean C, Saliba D, Kamberg C, et al. The quality of medical care provided to vulnerable community-dwelling older patients. Ann Intern Med 2003;139(9):740-747.

22. McGlynn EA, Asch SM, Adams J, Keesey J, Hicks J, DeCristofaro A, et al. The quality of health care delivered to adults in the United States. N Engl J Med 2003;348(26):2635-45.

23. Leape LL. Translating medical science into medical practice. Do we need a national medical standards board? JAMA 1995;273(19):1534-7.

24. Davis DA, Taylor-Vaisey A. Translating guidelines into practice. A systematic review of theoretic concepts, practical experience and research evidence in the adoption of clinical practice guidelines. CMAJ 1997;157(4):408-16.

25. Bero LA, Grilli R, Grimshaw JM, Harvey E, Oxman AD, Thomson MA. Closing the gap between research and practice: an overview of systematic reviews of interventions to promote the implementation of research findings. The Cochrane Effective Practice and Organization of Care Review Group. BMJ 1998;317(7156):465-8.

26. Grol R, Grimshaw J. Evidence-based implementation of evidence-based medicine. Jt Comm J Qual Improv 1999;25(10):503-13.

27. 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(17):1136-42.

28. Donohoe MT. Comparing generalist and specialty care: discrepancies, deficiencies, and excesses. Arch Intern Med 1998;158(15):1596-608.

29. Breuer T, Goodman KJ, Malaty HM, Sudhop T, Graham DY. How do clinicians practicing in the U.S. manage Helicobacter pylori- related gastrointestinal diseases? A comparison of primary care and specialist physicians. Am J Gastroenterol 1998;93(4):553-61.

30. Chin MH, Friedmann PD, Cassel CK, Lang RM. Differences in generalist and specialist physicians' knowledge and use of angiotensin-converting enzyme inhibitors for congestive heart failure. J Gen Intern Med 1997;12(9):523-30.

31. van den Berghe G, Wouters P, Weekers F, Verwaest C, Bruyninckx F, Schetz M, et al. Intensive insulin therapy in the critically ill patients. N Engl J Med 2001;345(19):1359-67.

32. Greco PJ, Eisenberg JM. Changing physicians' practices. N Engl J Med 1993;329(17):1271-3.

33. 20 Tips to Help Prevent Medical Errors. Patient Fact Sheet [online]. AHRQ Publication No. 00-P038. 2000 February [cited 2003 November 30]; Available from: http://www.ahrq.gov/consumer/20tips.htm.

34. Mehrotra A, Bodenheimer T, Dudley RA. Employers' efforts to measure and improve hospital quality: determinants

of success. Health Aff (Millwood) 2003;22(2):60-71.

35. Krumholz HM, Rathore SS, Chen J, Wang Y, Radford MJ. Evaluation of a consumer-oriented internet health care report card: the risk of quality ratings based on mortality data. JAMA 2002;287(10):1277-87.

36. Gandhi TK, Francis EC, Puopolo AL, Burstin HR, Haas JS, Brennan TA. Inconsistent report cards: assessing the comparability of various measures of the quality of ambulatory care. Med Care 2002;40(2):155-65.

37. Poses RM, McClish DK, Smith WR, Huber EC, Clemo FL, Schmitt BP, et al. Results of report cards for patients with congestive heart failure depend on the method used to adjust for severity. Ann Intern Med 2000;133(1):10-20.

38. Hofer TP, Hayward RA, Greenfield S, Wagner EH, Kaplan SH, Manning WG. The unreliability of individual physician "report cards" for assessing the costs and quality of care of a chronic disease. JAMA 1999;281(22):2098-105.

39. Deming W. Out of the Crisis: Quality, Productivity and Competitive Position. New York: Cambridge University Press; 1982.

40. Deming W. Sample Design in Business Research (Wiley Classics Library). Hoboken, NJ: John Wiley & Sons Inc; 1990.

41. Juran J. Quality Control Handbook. New York: McGraw-Hill; 1951.

42. Managerial Breakthrough: The Classic Book on Improving Management Performance/30th Anniversary Edition. revised ed. New York: McGraw-Hill; 1995.

43. Quality Planning and Analysis: From Product Development Through Use. 4th ed. New York: McGraw-Hill; 1993.

44. Blumenthal D, Kilo CM. A report card on continuous quality improvement. Milbank Q 1998;76(4):625-48, 511.

45. Gerowitz MB. Do TQM interventions change management culture? Findings and implications. Qual Manag Health Care 1998;6(3):1-11.

46. Shortell SM, Bennett CL, Byck GR. Assessing the impact of continuous quality improvement on clinical practice: what it will take to accelerate progress. Milbank Q 1998;76(4):593-624, 510.

47. Lohr KN, Schroeder SA. A strategy for quality assurance in Medicare. N Engl J Med 1990;322(10):707-12.

48. Oliveria SA, Lapuerta P, McCarthy BD, L'Italien GJ, Berlowitz DR, Asch SM. Physician-related barriers to the effective management of uncontrolled hypertension. Arch Intern Med 2002;162(4):413-20.

49. Roger VL, Jacobsen SJ, Weston SA, Goraya TY, Killian J, Reeder GS, et al. Trends in the incidence and survival of patients with hospitalized myocardial infarction, Olmsted County, Minnesota, 1979 to 1994. Ann Intern Med 2002;136(5):341-8.

50. Ellis P, Robinson P, Ciliska D, Armour T, Raina P, Brouwers M, et al. Diffusion and Dissemination of Evidence-based Cancer Control Interventions. Evidence Report/Technology Assessment No. 79 (Prepared by the McMaster University Evidence-based Practice Center under contract no. 290-97-0017). AHRQ Publication No. 03-E032. Rockville, MD: Agency for Healthcare Research and Quality; 2003 May.

51. Grimshaw JM, Shirran L, Thomas R, Mowatt G, Fraser C, Bero L, et al. Changing provider behavior: an overview of systematic reviews of

interventions. Med Care 2001;39(8 Suppl 2):II2-45.

52. Stone EG, Morton SC, Hulscher ME, Maglione MA, Roth EA, Grimshaw JM, et al. Interventions that increase use of adult immunization and cancer screening services: a meta-analysis. Ann Intern Med 2002;136(9):641-51.

53. Stafford RS. Alternative strategies for controlling rising cesarean section rates. JAMA 1990;263(5):683-7.

54. Weingarten SR, Henning JM, Badamgarav E, Knight K, Hasselblad V, Gano A, Jr., et al. Interventions used in disease management programmes for patients with chronic illness—which ones work? Meta-analysis of published reports. BMJ 2002;325(7370):925.

55. Thomson O'Brien MA, Oxman AD, Davis DA, Haynes RB, Freemantle N, Harvey EL. Educational outreach visits: effects on professional practice and health care outcomes. Cochrane Database Syst Rev 2000(2):CD000409.

56. Thomson O'Brien MA, Oxman AD, Davis DA, Haynes RB, Freemantle N, Harvey EL. Audit and feedback versus alternative strategies: effects on professional practice and health care outcomes. Cochrane Database Syst Rev 2000(2):CD000260.

57. Thomson O'Brien MA, Oxman AD, Davis DA, Haynes RB, Freemantle N, Harvey EL. Audit and feedback: effects on professional practice and health care outcomes. Cochrane Database Syst Rev 2000(2):CD000259.

58. Thomson O'Brien MA, Oxman AD, Haynes RB, Davis DA, Freemantle N, Harvey EL. Local opinion leaders: effects on professional practice and health care outcomes. Cochrane Database Syst Rev 2000(2):CD000125.

59. Thomson O'Brien MA, Freemantle N, Oxman AD, Wolf F, Davis DA, Herrin J. Continuing education meetings and workshops: effects on professional practice and health care outcomes. Cochrane Database Syst Rev 2001(2):CD003030.

60. Alderson P, Bero L, Grilli R, Grimshaw J, McAuley L, Oxman A, et al., editors. Effective Practice and Organisation of Care Group. Oxford: Update Software; 2003.

61. Grimshaw JM, Thomas RE, MacLennan G, Fraser C, Ramsay CR, Vale L, et al. Effectiveness and efficiency of guideline dissemination and implementation strategies. Health Technol Assess 2004 Feb;8(6):iii-iv, 1-72.

62. Kerry SM, Bland JM. Sample size in cluster randomisation. BMJ 1998;316(7130):549.

63. Kerry SM, Bland JM. The intracluster correlation coefficient in cluster randomisation. BMJ 1998;316(7142):1455.

64. Campbell MK, Mollison J, Grimshaw JM. Cluster trials in implementation research: estimation of intracluster correlation coefficients and sample size. Stat Med 2001;20(3):391-9.

65. Torgerson DJ. Contamination in trials: is cluster randomisation the answer? BMJ 2001;322(7282):355-7.

66. Donner A, Klar N. Issues in the meta-analysis of cluster randomized trials. Stat Med 2002;21(19):2971-80.

67. Donner A, Piaggio G, Villar J. Statistical methods for the meta-analysis of cluster randomization trials. Stat Methods Med Res 2001;10(5):325-38.

68. Donner A, Piaggio G, Villar J. Meta-analyses of cluster randomization trials. Power considerations. Eval Health Prof 2003;26(3):340-51.

69. Localio AR, Berlin JA, Ten Have TR, Kimmel SE. Adjustments for center in multicenter studies: an overview. Ann Intern Med 2001;135(2):112-23.

70. Frijling BD, Lobo CM, Hulscher ME, Akkermans RP, Braspenning JC, Prins A, et al. Multifaceted support to improve clinical decision making in diabetes care: a randomized controlled trial in general practice. Diabet Med 2002;19(10):836-42.

71. Kinmonth AL, Woodcock A, Griffin S, Spiegal N, Campbell MJ. Randomised controlled trial of patient centered care of diabetes in general practice: impact on current wellbeing and future disease risk. The Diabetes Care From Diagnosis Research Team. BMJ 1998;317(7167):1202-8.

72. Meigs JB, Cagliero E, Dubey A, Murphy-Sheehy P, Gildesgame C, Chueh H, et al. A controlled trial of web-based diabetes disease management: the MGH diabetes primary care improvement project. Diabetes Care 2003;26(3):750-7.

73. Foy R, Eccles M, Grimshaw J. Why does primary care need more implementation research? Fam Pract 2001;18(4):353-5.

74. Grol R, Grimshaw J. From best evidence to best practice: effective implementation of change in patients' care. Lancet 2003;362:1225-30.

75. Cabana MD, Rand CS, Powe NR, Wu AW, Wilson MH, Abboud PA, et al. Why don't physicians follow clinical practice guidelines? A framework for improvement.[comment]. JAMA 1999;282(15):1458-65.

76. Davies P, Walker A, Grimshaw J. Theories of behaviour change in studies of guideline implementation. Proceedings of the British Psychological Society 2003;11:120.

77. Logan J, Graham ID. The Ottawa Model of Research Use: revisions, reflections, prospects (unpublished). 2003.

78. Tiffany CR, Johnson Lutjens L. Planned change theories for nursing. Review, analysis and implications. Thousand Oaks, CA: Sage; 1997.

79. Meleis A. Theoretical nursing. Development and progress. 3rd ed. New York: Lippincott; 1997.

80. Merton R. Social theory and social structure. New York: Free Press; 1968.

81. Fawcett J. Analysis and evaluation of contemporary nursing knowledge: Nursing models and theories. Philadelphia: FA Davis; 2000.

82. Smith MJ, Liehre PR. Introduction: middle range theory and the ladder of abstraction. In: Smith MJ, Liehre PR, editors. Middle range theory for nursing. New York: Springer; 2003. p. 1-24.

83. Bacharach SB. Organizational theories: some criteria for evaluation. The Academy of Management Review 1989;14(4):496-515.

84. Rogers E. Diffusion of innovations. 3rd ed. New York: Free Press; 1983.

85. Rogers E. Diffusion of innovations. 4th ed. New York: Free Press; 1995.

86. Lomas J. Retailing research: increasing the role of evidence in clinical services for childbirth. Milbank Q 1993;71(3):439-475.

87. Lomas J. Teaching old (and not so old) docs new tricks: effective ways to implement research findings. In: Dunn E, Norton P, Stewart M, Tudiver F, Bass M, editors. Disseminating research/changing practice. Thousand Oaks, CA: Sage; 1994. p. 1-18.

88. Lomas J. Medicine in context: a neglected perspective in medical

education. Acad Med 1994;69(10 Suppl):S95-101.

89. Tiffany CR. Analysis of planned change theories. Nurs Manage 1994;25:60-2.

90. Tiffany CR, Cheatham AB, Doornbos D, Loudermelt L, Momadi GG. Planned change theory: survey of nursing periodical literature. Nurs Manage 1994;25(7):54-9.

91. Green L, Kreuter M, Deeds S, Patridge, K. Health education planning: a diagnostic approach. Mountain View, CA: Mayfield Publishing; 1980.

92. Green L, Kreuter M. Health promotion planning: an educational and environmental approach. Mountain View, CA: Mayfield Publishing; 1991.

93. Berwick DM. Disseminating innovations in health care.[comment]. JAMA 2003;289(15):1969-75.

94. Logan J, Graham ID. Toward a comprehensive interdisciplinary model of health care research use. Sci Commun 1998;20(2):227-46.

95. Kotler P. Social marketing of health behavior. In: Frederiksen L, Solomon L, Brehony K, editors. Marketing health behavior: principles, techniques and applications. New York: Plenum Press; 1983.

96. Soumerai SB, Avorn J. Principles of educational outreach ('academic detailing') to improve clinical decision making. JAMA 1990;263(4):549-56.

97. Schroeder R, Van de Ven A, Scudder G, Rolley D. Managing innovation and change processes: findings form the Minnesota Innovation Research Program. Agribusiness Manage 1986;2:501-523.

98. Graham K, Logan J. Using the Ottawa Model of Research Use to implement a skin care program. 2003.

99. Donabedian A. The quality of care. How can it be assessed? JAMA 1988;260(12):1743-8.

100. Ferlie EB, Shortell SM. Improving the quality of health care in the United Kingdom and the United States: a framework for change. Milbank Q 2001;79(2):281-315.

101. Mittman BS, Tonesk X, Jacobson PD. Implementing clinical practice guidelines: social influence strategies and practitioner behavior change. QRB 1992;18(12):413-22.

102. Bandura A. Self-efficacy: toward a unifying theory of behavioral change.[comment]. Psychol Rev 1977;84(2):191-215.

103. Ajzen I. The theory of planned behaviour. Organizational Behaviour and Human Decision Process 1991;50:179-211.

104. Wallston K. Hocus-pocus, the focus isn't strictly on locus: Rotter's social learning theory modified for health. Cognit Ther Res 1992;16:183-99.

105. Conner M, Norman P. Health behaviour. In: Johnston D, Johnston M, editors. Comprehensive Clinical Psychology, vol. 8: Health Psychology. Oxford: Pergamon; 1998. p.1-38.

106. Godin G, Kok G. The theory of planned behavior: a review of its applications to health-related behaviors. Am J Health Promot 1996;11(2):87-98.

107. Godin G, Naccache H, Morel S, Ebacher MF. Determinants of nurses' adherence to universal precautions for venipunctures. AJIC 2000;28(5):359-64.

108. Walker A, Grimshaw J, Armstrong E. Salient beliefs and intentions to prescribe antibiotics for patients with a sore throat. Br J Health Psychol 2001;6:347-60.

109. Blackman D. Operant conditioning: an experimental analysis of behaviour. London: Methuen; 1974.

110. Gollwitzer P. Goal achievement: the role of intentions. In: Stroebe W, Hewstone M, editors. European review of social psychology. Chichester, UK: Wiley; 1993. p. 141-85.

111. Orbell S, Hodgkins S, Sheeran P. Implementation intentions and the theory of planned behaviour. Pers Soc Psychol Bull 1997;23:945-54.

112. Mazmanian PE, Daffron SR, Johnson RE, Davis DA, Kantrowitz MP. Information about barriers to planned change: a randomized controlled trial involving continuing medical education lectures and commitment to change. Acad Med 1998;73(8):882-6.

113. Prochaska JO, DiClemente CC. Stages and processes of self-change of smoking: toward an integrative model of change. J Consul Clin Psychol 1983;51(3):390-5.

114. Prochaska JO, DiClemente CC, Velicer WF, Rossi JS. Standardized, individualized, interactive, and personalized self-help programs for smoking cessation. Health Psychol 1993;12(5):399-405.

115. Reimsma R, Pattenden J, Bridle C, Sowden A, Mather L, Walker A. A systematic review of the effectiveness of interventions based on a stages to change approach to promote individual behaviour change. Health Technol Assess 2002;6(24).

116. Scott WR. Organizations: rational, natural and open systems. 4th ed. Upper Saddle River, NJ: Prentice Hill; 1998.

117. Shortell SM, Kaluzny AD. Organization theory and health care management. In: Shortell SM, Kaluzny AD, editors. Health care management: a text in organization theory and behavior. New York: John Wiley and Sons; 1988.

118. Shortell SM, Kaluzny AD. Health care management: organization, design, and behavior. 3rd ed. Albany, NY: Delmar Publishers Inc.; 1994.

119. Kaluzny AD, Hernandez SR. Organizational change and innovation. In: Shortell SM, Kaluzny AD, editors. Health care management: a text in organization theory and behavior. 2nd ed. New York: John Wiley and Sons; 1988.

120. Shortell SM, Kaluzny AD. Health care management: a text in organization theory and behavior. 2nd ed. New York: John Wiley and Sons; 1988.

121. Westphal JD, Gulati R, Shortell SM. Customization or conformity? An institutional and network perspective on the content and consequences of TQM adoption. Adm Sci Q 1997;42(2):366-94.

122. Iles V, Sutherland K. Managing change in the NHS. Organisational change: a review for health care managers, professionals, and researchers. London: NCCSDO; 2001.

123. Shortell SM, Jones RH, Rademaker AW, Gillies RR, Dranove DS, Hughes EF, et al. Assessing the impact of total quality management and organizational culture on multiple outcomes of care for coronary artery bypass graft surgery patients. Med Care 2000;38(2):207-17.

124. Fox R, Mazmanian P, Putnam R. Changing and learning in the lives of physicians. New York: Praeger; 1989.

125. Grol R. Personal paper. Beliefs and evidence in changing clinical practice. BMJ 1997;315(7105):418-21.

126. Kotler P, Roberto E. Social marketing: Strategies for changing public behavior. New York: Free Press; 1989.

127. Scanlon DP, Chernew M, Doty HE. Evaluating the impact of value-based purchasing: a guide for purchasers. Rockville, MD: Agency for Healthcare Research and Quality; 2002 May. AHRQ Publication No. 02-002