

## Evidence for the Effect of Disease Management: Is \$1 Billion a Year a Good Investment?

### ■ Appendix. Overview of Included Studies

Article	Study Design	Program Operator	Intensity of Interventions*	Population Description†
<b>CHF</b>				
Ara 2004, <i>J Manag Care Pharm</i>	Review	Health plan	Medium	Manifest condition
CBO, 2004	Review	Provider organization	Medium to high	High risk
Goetzel et al. 2005, <i>Health Care Financing Review</i>	Review	Not specified	No detail provided	Population not specified
Gonseth et al. 2004, <i>Eur Heart J</i>	Meta-analysis	Provider organization	Medium to high	Manifest condition/high risk
Kim & Soeken 2005, <i>Nur Research</i>	Meta-analysis	Provider organization	No detail provided	High risk
Krause 2005, <i>DM</i>	Meta-analysis	Not specified	No detail provided	Manifest condition/high risk
Louis et al. 2003, <i>Euro J Heart Failure</i>	Review	Not specified	Medium	Manifest condition/high risk
McAlister et al. 2001, <i>Am J Med</i>	Review	Provider organization	Medium to high	High risk
Ofman et al. 2004, <i>Am J Med</i>	Review	Not specified	No detail provided	Manifest condition
Philbin 1999, <i>JGIM</i>	Review	Provider organization; health plan; vendor	Low to high	High risk
Phillips et al. 2004, <i>JAMA</i>	Meta-analysis	Not specified	Medium to high	Manifest condition/high risk
Phillips et al. 2005, <i>Euro J Heart Failure</i>	Meta-analysis	Not specified	Medium to high	Manifest condition/high risk
Rich 1999, <i>J Car Failure</i>	Review	Provider organization	Medium to high	Manifest condition/high risk
Roccaforte et al. 2005, <i>Euro J Heart Failure</i>	Meta-analysis	Provider organization	Medium to high	High risk
Taylor et al. 2005, <i>Cochrane Database Syst Rev</i>	Review	Provider organization	Medium to high	Manifest condition/high risk
Weingarten et al. 2002, <i>BMJ</i>	Meta-analysis	Not specified	No detail provided	Population not specified
Windham et al. 2003, <i>Am J Manag Care</i>	Review	Provider organization	Medium to high	Population not specified
Yu et al. 2005, <i>European Heart Journal</i>	Review	Not specified	Medium to high	High risk

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■ **Appendix.** Overview of Included Studies (*continued*)

Article	Study Design	Program Operator	Intensity of Interventions*	Population Description†
<b>CAD</b>				
Ara 2004, <i>J Manag Care Pharm</i>	Review	Health plan	Medium	Manifest condition
CBO, 2004	Review	Provider organization	Medium to high	High risk
EPC RAND report, 2003	Meta-analysis	Not specified	Medium	Population not specified
Krause 2005, <i>DM</i>	Meta-analysis	Not specified	No detail provided	Manifest condition/high risk
McAlister et al. 2001, <i>BMJ</i>	Review	Provider organization	Medium to high	High risk
Ofman et al. 2004, <i>Am J Med</i>	Review	Not specified	No detail provided	Manifest condition
Weingarten et al. 2002, <i>BMJ</i>	Meta-analysis	Not specified	No detail provided	Population not specified
<b>Diabetes</b>				
CBO, 2004	Review	Provider organization	Medium to high	High risk
EPC RAND report, 2003	Meta-analysis	Not specified	Medium	Population not specified
Goetzel et al. 2005, <i>Health Care Financing Review</i>	Review	Not specified	No detail provided	Population not specified
Hersh et al. 2001, <i>BMC Med Inform Decis Mak</i>	Review	Not specified	Medium	Manifest condition
Knight et al. 2005, <i>Am J Manag Care</i>	Meta-analysis	Not specified	Low to medium	Manifest condition
Krause 2005, <i>DM</i>	Meta-analysis	Not specified	No detail provided	Manifest condition/high risk
Ofman et al. 2004, <i>Am J Med</i>	Review	Not specified	No detail provided	Manifest condition
Piette 2000, <i>Am J Manag Care</i>	Review	Not specified	Medium	Manifest condition
Weingarten et al. 2002, <i>BMJ</i>	Meta-analysis	Not specified	No detail provided	Population not specified
<i>(Continued)</i>				

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### ■ Appendix. Overview of Included Studies (continued)

Article	Study Design	Program Operator	Intensity of Interventions*	Population Description†
<b>Asthma</b>				
Goetzel et al. 2005, <i>Health Care Financing Review</i> (Cornell)	Review	Not specified	No detail provided	Population not specified
Krause 2005, <i>DM</i>	Meta-analysis	Provider organization; health plan; vendor; academic	Not specified	Manifest condition/high risk
Ofman et al. 2004, <i>Am J Med</i>	Review	Not specified	No detail provided	Manifest condition
Weingarten et al. 2002, <i>BMJ</i>	Meta-analysis	Not specified	No detail provided	Population not specified
<b>COPD</b>				
Kim & Soeken 2005, <i>Nur Research</i>	Meta-analysis	Provider organization	No detail provided	High risk
Monninkhof 2002, <i>Cochrane Database</i> <i>Sys Rev</i>	Review	Provider organization	Medium to high	Manifest condition/high risk
Ofman et al. 2004, <i>Am J Med</i>	Review	Not specified	No detail provided	Manifest condition
Taylor et al. 2005, <i>BMJ</i>	Review	Provider organization	Medium to high	Manifest condition/high risk
Weingarten et al. 2002, <i>BMJ</i>	Meta-analysis	Not specified	No detail provided	Population not specified
<b>Depression</b>				
Badamgarav 2003, <i>Am J Psychiatry</i>	Meta-analysis	Not specified	No detail provided	Manifest condition
Goetzel et al. 2005, <i>Health Care Financing Review</i>	Review	Not specified	No detail provided	Population not specified
Ofman et al. 2004, <i>Am J Med</i>	Review	Not specified	No detail provided	Manifest condition
Weingarten et al. 2002, <i>BMJ</i>	Meta-analysis	Not specified	No detail provided	Population not specified
*Low – mass mailing/communication or targeted mass mailing/communication; medium – individual contact via remote means (eg, call center–based nurses); high – in-person individual contact.				
†Disease-free, those with risk factors for a condition; those with a manifest condition; those with a condition and at high risk for poor outcome.				