Appendix 7 (as supplied by the authors): Effect of quality improvement strategies relative to control in terms of mean number of emergency room visits per patient per month

Author(s) and Year	Treatment (n)	Control (n)	Mean Difference [95% CI]
Beck 1997(1)	160	161	-0.02 [-0.10 , 0.06]
Gagnon 1999 (2)	212	215	0.03 [-0.07, 0.13]
Scott 2004 (3)	145	149	-0.02 [-0.08 , 0.05]
Shumway 2008 (4)	167	85	-0.05 [-0.20 , 0.11]
Sledge 2006 (5)	47	49	-0.10 [-0.69, 0.49]
Castro 2003 (6)	50	46	0.04 [-0.32, 0.41]
Gellis 2014 (7)	46	48	-0.07 [-0.23 , 0.10]
RE Model			-0.02[-0.06,0.03]
			<u> </u>
			-1.00 1.00
			Mean Difference

Abbreviations: CI, Confidence interval; n, number; RE, Random effects.

 $I^2 = 0\%$

Appendix to: Tricco AC, Antony J, Ivers NM, et al. Effectiveness of quality improvement strategies for coordination of care to reduce use of health care services: a systematic review and meta-analysis. CMAJ 2014. DOI:10.1503/cmaj.140289.

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References

- 1. Beck A, Scott J, Williams P, et al. A randomized trial of group outpatient visits for chronically ill older HMO members: the Cooperative Health Care Clinic. *J Am Geriatr Soc* 1997;45:543-9.
- 2. Gagnon AJ, Schein C, McVey L, et al. Randomized controlled trial of nurse case management of frail older people. *J Am Geriatr Soc* 1999;47:1118-24.
- 3. Scott JC, Conner DA, Venohr I, et al. Effectiveness of a group outpatient visit model for chronically ill older health maintenance organization members: a 2-year randomized trial of the cooperative health care clinic. *J Am Geriatr Soc* 2004;52:1463-70.
- 4. Shumway M, Boccellari A, O'Brien K, et al. Cost-effectiveness of clinical case management for ED frequent users: results of a randomized trial. *Am J Emerg Med* 2008;26:155-64.
- 5. Sledge WH, Brown KE, Levine JM, et al. A randomized trial of primary intensive care to reduce hospital admissions in patients with high utilization of inpatient services. *Dis Manage* 2006;9:328-38.
- 6. Castro M, Zimmermann NA, Crocker S, et al. Asthma intervention program prevents readmissions in high healthcare users. *Am J Respir Crit Care Med* 2003;168:1095-9.
- 7. Gellis ZD, Kenaley BL, Ten Have T. Integrated telehealth care for chronic illness and depression in geriatric home care patients: the Integrated Telehealth Education and Activation of Mood (I-TEAM) study. *J Am Geriatr Soc* 2014;62:889-95.