

Table S7

Included randomized controlled trials (RCTs) citations

n = 18

Ansari 2003	Ansari M, Shlipak MG, Heidenreich PA, Van Ostaeyen D, Pohl EC, Browner WS, Massie BM: Improving guideline adherence: a randomized trial evaluating strategies to increase beta-blocker use in heart failure. <i>Circulation</i> 2003, 107:2799-2804.
Berner 2006	Berner ES, Houston TK, Ray MN, Allison JJ, Heudebert GR, Chatham WW, Kennedy JI, Jr., Glandon GL, Norton PA, Crawford MA et al.: Improving ambulatory prescribing safety with a handheld decision support system: a randomized controlled trial. <i>J Am Med Inform Assoc</i> 2006, 13:171-179.
Dainty 2011	Dainty KN, Adhikari NKJ, Kiss A, Quan S, Zwarenstein M: Electronic prescribing in an ambulatory care setting: a cluster randomized trial. <i>J Eval Clin Pract</i> 2011 Mar 18. [Epub ahead of print]. DOI: 10.1111/j.1365-2753.2011.01657.x.
Feldstein 2006	Feldstein AC, Smith DH, Perrin N, Yang X, Simon SR, Krall M, Sittig DF, Ditmer D, Platt R, Soumerai SB: Reducing warfarin medication interactions: an interrupted time series evaluation. <i>Arch Intern Med</i> 2006, 166:1009-1015.
Fitzmaurice 1996	Fitzmaurice DA, Hobbs FD, Murray ET, Bradley CP, Holder R: Evaluation of computerized decision support for oral anticoagulation management based in primary care. <i>Br J Gen Pract</i> 1996, 46:533-535.
Fitzmaurice 2000	Fitzmaurice DA, Hobbs FDR, Murray ET, Holder RL, Allan TF, Rose PE: Oral anticoagulation management in primary care with the use of computerized decision support and near-patient testing: A randomized, controlled trial. <i>Arch Intern Med</i> 2000, 160:2343-2348.
Fortuna 2009	Fortuna RJ, Zhang F, Ross-Degnan D, Campion FX, Finkelstein JA, Kotch JB, Feldstein AC, Smith DH, Simon SR: Reducing the prescribing of heavily marketed medications: a randomized controlled trial. <i>J Gen Intern Med</i> 2009, 24:897-903.
Holt 2010	Holt TA, Thorogood M, Griffiths F, Munday S, Friede T, Stables D: Automated electronic reminders to facilitate primary cardiovascular disease prevention: randomised controlled trial. <i>Br J Gen Pract</i> 2010, 60:251-256.
McCowan 2001	McCowan C, Neville RG, Ricketts IW, Warner FC, Hoskins G, Thomas GE: Lessons from a randomized controlled trial designed to evaluate computer decision support software to improve the management of asthma. <i>Med Inform Internet Med</i> 2001, 26:191-201.
Montgomery 2000	Montgomery AA, Fahey T, Peters TJ, MacIntosh C, Sharp DJ: Evaluation of computer based clinical decision support system and risk chart for management of hypertension in primary care: randomised controlled trial. <i>BMJ</i> 2000, 320:686-690.
Poller 2009	Poller L, Keown M, Ibrahim S, Lowe G, Moia M, Turpie AG, Roberts C, Van Den Besselaar AMHP, Van Der Meer FJM, Tripodi A et al.: A multicentre randomised assessment of the DAWN AC computer-assisted oral anticoagulant dosage program. <i>Thromb Haemost</i> 2009, 101:487-494.
Tamblyn	Tamblyn R, Huang A, Perreault R, Jacques A, Roy D, Hanley J, McLeod P, Laprise R:

2003	The medical office of the 21st century (MOXXI): effectiveness of computerized decision-making support in reducing inappropriate prescribing in primary care. <i>CMAJ</i> 2003, 169:549-556.
Tamblyn 2012	Tamblyn R, Eguale T, Buckeridge DL, Huang A, Hanley J, Reidel K, Shi S, Winslade N: The effectiveness of a new generation of computerized drug alerts in reducing the risk of injury from drug side effects: a cluster randomized trial. <i>J Am Med Inform Assoc</i> 2012, 19:635-643.
Terrell 2009	Terrell KM, Perkins AJ, Dexter PR, Hui SL, Callahan CM, Miller DK: Computerized decision support to reduce potentially inappropriate prescribing to older emergency department patients: a randomized, controlled trial. <i>J Am Geriatr Soc</i> 2009, 57:1388-1394.
Terrell 2010	Terrell KM, Perkins AJ, Hui SL, Callahan CM, Dexter PR, Miller DK: Computerized decision support for medication dosing in renal insufficiency: a randomized, controlled trial. <i>Ann Emerg Med</i> 2010, 56:623-629
Tierney 2003	Tierney WM, Overhage JM, Murray MD, Harris LE, Zhou XH, Eckert GJ, Smith FE, Nienaber N, McDonald CJ, Wolinsky FD: Effects of computerized guidelines for managing heart disease in primary care. <i>J Gen Intern Med</i> 2003, 18:967-976.
Tierney 2005	Tierney WM, Overhage JM, Murray MD, Harris LE, Zhou XH, Eckert GJ, Smith FE, Nienaber N, McDonald CJ, Wolinsky FD: Can computer-generated evidence-based care suggestions enhance evidence-based management of asthma and chronic obstructive pulmonary disease? A randomized, controlled trial. <i>Health Serv Res</i> 2005, 40:477-497.
Vadher 1997	Vadher BD, Patterson DLH, Leaning M: Comparison of oral anticoagulant control by a nurse-practitioner using a computer decision-support system with that by clinicians. <i>Clin Lab Haematol</i> 1997, 19:203-207.