

Table S9

Included observational studies citations

n = 16

Åstrand 2009	Astrand B, Montelius E, Petersson G, Ekedahl A: Assessment of ePrescription quality: an observational study at three mail-order pharmacies. <i>BMC Med Inf Decis Mak</i> 2009, 9:8.
Bizovi 2002	Bizovi KE, Beckley BE, McDade MC, Adams AL, Lowe RA, Zechnich AD, Hedges JR: The effect of computer-assisted prescription writing on emergency department prescription errors. <i>Acad Emerg Med</i> 2002, 9:1168-1175.
Cafolla 2011	Cafolla A, Melizzi R, Baldacci E, Pignoloni P, Dragoni F, Campanelli M, Caraccini R, Foa R: "Zeus" a new oral anticoagulant therapy dosing algorithm: A cohort study. <i>Thrombos Res</i> 2011, 128:325-330.
Devine 2010	Devine EB, Hansen RN, Wilson-Norton JL, Lawless NM, Fisk AW, Blough DK, Martin DP, Sullivan SD: The impact of computerized provider order entry on medication errors in a multispecialty group practice. <i>J Am Med Inform Assoc</i> 2010, 17:78-84.
Ekedahl 2004	Ekedahl A, Mansson N: Unclaimed prescriptions after automated prescription transmittals to pharmacies. <i>Pharm World Sci</i> 2004, 26:26-31.
Ginzburg 2009	Ginzburg R, Barr WB, Harris M, Munshi S: Effect of a weight-based prescribing method within an electronic health record on prescribing errors. <i>Am J Health-Syst Pharm</i> 2009, 66:2037-2041.
Humphries 2007	Humphries TL, Carroll N, Chester EA, Magid D, Rocho B: Evaluation of an electronic critical drug interaction program coupled with active pharmacist intervention. <i>Ann Pharmacother</i> 2007, 41:1979-1985.
Kinnaird 2003	Kinnaird D, Cox T, Wilson JP: Unclaimed prescriptions in a clinic with computerized prescriber order entry. <i>Am J Health-Syst Pharm</i> 2003, 60:1468-1470.
Nanji 2011	Nanji KC, Rothschild JM, Salzberg C, Keohane CA, Zigmont K, Devita J, Gandhi TK, Dalal AK, Bates DW, Poon EG: Errors associated with outpatient computerized prescribing systems. <i>J Am Med Inform Assoc</i> 2011, 18:767-773.
Palchuk 2010	Palchuk MB, Fang EA, Cygielnik JM, Labreche M, Shubina M, Ramelson HZ, Hamann C, Broverman C, Einbinder JS, Turchin A: An unintended consequence of electronic prescriptions: prevalence and impact of internal discrepancies. <i>J Am Med Inform Assoc</i> 2010, 17:472-476.
Schwarz 2012	Schwarz EB, Parisi SM, Handler SM, Koren G, Cohen ED, Shevchik GJ, Fischer GS: Clinical decision support to promote safe prescribing to women of reproductive age: A cluster-randomized trial. <i>J Gen Intern Med</i> 2012, 27:831-838.
Steele 2005	Steele AW, Eisert S, Witter J, Lyons P, Jones MHA, Gabow P, Ortiz E: The effect of automated alerts on provider ordering behavior in an outpatient setting. <i>Plos Medicine</i> 2005, 2:864-870.
Varkey 2007	Varkey P, Aponte P, Swanton C, Fischer D, Johnson SF, Brennan MD: The effect of computerized physician-order entry on outpatient prescription errors. <i>Manag Care Interface</i> 2007, 20:53-57.
Volmer 2012	Volmer D. Use of a generic protocol in documentation of prescription errors in Estonia, Norway and Sweden. <i>Pharmacy Practice</i> 2012, 10(2):72-77.

Weingart 2003	Weingart SN, Toth M, Sands DZ, Aronson MD, Davis RB, Phillips RS: Physicians' decisions to override computerized drug alerts in primary care. <i>Arch Intern Med</i> 2003, 163:2625-2631.
Zillich 2008	Zillich AJ, Shay K, Hyduke B, Emmendorfer TR, Mellow AM, Counsell SR, Supiano MA, Woodbridge P, Reeves P: Quality improvement toward decreasing high-risk medications for older veteran outpatients. <i>J Am Geriatr Soc</i> 2008, 56:1299-1305.